



# HiPath 3000/4000/5000 optiClient 130 V5.0

Administrator Documentation and Operating  
Instructions

**SIEMENS**

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# 1 General Information

## What is optiClient 130?

optiClient 130 is a PC-based multimedia application offering connection services from different communication media via LAN (network). Voice connections can be administered and controlled by optiClient 130. optiClient 130 is operated like a phone on your PC.

## Modular configuration

optiClient 130 is made up of modular functional elements which can be exchanged or used to enhance the feature scope.

- The basic module in optiClient 130 is the **main bar**. The main bar itself does not provide communication functions. Instead, it acts as a central element which, together with the various **modules**, determines the communication functions available and the display mode used for optiClient 130.
- **User interface modules** are used for operating the various functions available in windows and dialogs. User interface modules are, for example, phone windows, directories, Call List Administration, etc.
- **Provider modules** determine the communication systems or communication service providers to which optiClient 130 can be connected.
- **Manager modules** work invisibly in the background. They perform general communication control functions. Manager modules include for example, the Keyboard Manager and ScreenSaver Manager.



optiClient 130 comes with a specific set of modules on installation. Changing the type or number of modules installed/configured may prevent optiClient 130 from completing certain tasks correctly. Make sure you consult your administrator before making any changes to the modules installed and configured.

## Module expansions

- As a user, you have access to all modules **installed** as software. For more information on the modules installed, contact your system administrator.
- You can **add** or **delete** modules installed for use on "your" optiClient 130. Please note that not every module installed is used on a day-to-day basis. Deleting a necessary module can limit your optiClient 130 or prevent it from working properly.
- You cannot add or delete modules during live operation. You can only do this before you log on.

## General Information

### Delivery Scope

For more information on adding or deleting modules, see the section [Navigating the Dialog Settings](#).

## 1.1 Delivery Scope

optiClient 130 comes with all the modules listed below. The setup operation installs all modules but only activates those modules that were specified for operation at a selected communication system or the communication service provider. Following installation, individual modules can also be manually activated ("added") or deactivated ("removed").

Module	Module is activated during installation for provider		
	CTI	HiPath	SIP (Stimulus operating mode)
● Main bar	X	X	X
● User interface modules			
– Audio control (controller for audio devices)	X	X	X
– Phone module	-	X	X
– Device state (Forwarding and Telephony menu)	X	X	-
– Call list(s)	X	X	X
– Directories/address books	X	X	X
– easyCom (communication circle interface)	X	X	-
– Contact list and Contact directory	X	X	-
– Webbrowser	X	X	-
– Video Viewer	-	-	-
● Provider modules			
– SIP Provider	-	-	X
– HiPath Provider	-	X	-
– CTI Provider	X	-	-
– Sendmail Provider	X	X	X
● Manager modules			
– Keyboard Manager (for managing key functions)	X	X	X



Module	Module is activated during installation for provider		
	CTI	HiPath	SIP (Stimulus operating mode)
– ScreenSaver Manager (for managing screen-saver functions)	x	x	x

## 1.2 About these Operating Instructions

### Target group

These operating instructions help you familiarize yourself with optiClient 130 and its functions. The instructions contain important information on how to operate optiClient 130 securely and correctly. Follow these instructions carefully to avoid incorrect operation and to use optiClient 130 to its full potential.

This operating instructions should be read and followed by every person involved in installing, operating or configuring optiClient 130.

### Operating instructions layout and use

The section [General Information](#) provides an introduction to optiClient 130 and its underlying concept.

Information on software installation and recommended settings under Windows can be found in the [Installing optiClient 130](#) section.

The section [First Steps, Display Modes and General Operation](#) contains information that will assist you when starting out with optiClient 130. It introduces and describes how to handle the various optiClient 130 operating elements. You should read this section carefully if you are not already familiar with optiClient 130.

The section [Configuration and Settings](#) provides support for setting the various parameters required for optiClient 130 operation. Read this section if you would like to customize the display for "your" optiClient 130.

Information on using directories can be found in the section [The optiClient 130 Directories](#).

The section [The optiClient 130 Call Lists](#) describes the call lists available and explains how to use them.

In the section [The optiClient 130 Contact List](#), you will find some notes on operating and using the optiClient 130 contact list.

## General Information

### *Specifications and Requirements*

Notes on operating and calling with the easyCom communication circle can be found in the section [The easyCom Communication Circle](#).

The section [Making Calls with the HiPath 3000/4000/5000](#) provides an overview of the telephony functions that can be used with optiClient 130 at the communication system connected. It also explains the settings required for the connection to the communication system.

Additional information for administrators of optiClient 130 can be found in the section [Administrator Notes, Tips & Tricks](#).

The section [Quick Reference Guide for optiClient 130 V5.0](#) provides you with an initial and brief overview of the main controls and functions of optiClient 130.

### Reference documentation

The reference documentation listed here is relevant to the basic optiClient 130 delivery scope. You may need to consult additional reference documentation when expanding the system to include further modules and functions.

- **optiPoint Telephone Operating Instructions**

The telephony functions of the optiClient 130 phone are mainly based on those of the Siemens optiPoint handset. This means you can use the display, control panel and function keys of the optiClient 130 phone in exactly the same way as the corresponding controls available in the Siemens optiPoint.

- **Communication system service documentation**

Parameters must be configured on the communication system itself in order to use optiClient 130. Detailed information on this is provided for the administrator in the relevant documentation.

## 1.3 Specifications and Requirements

The specifications and requirements listed here for users, software and hardware apply to the optiClient 130 basic delivery scope. Additional requirements for hardware and software in particular may apply in the event of expansion to include other functional modules.

- **optiClient 130 user requirements**

- Basic knowledge of Windows and the meaning of Windows-specific terminology, such as "dialog", "window", "context menu", etc. is required.
- Familiarity with the operation of a Siemens optiPoint would be advantageous for operating the optiClient 130 telephone. Basic functions for making calls are described in the section [Making Calls with the HiPath 3000/4000/5000](#).

- **Software requirements**

- optiClient 130 is installed and ready for operation on the user PC.

- The user PC is integrated in the IP network.
- A working connection to the communication system exists.
- optiClient 130 is licensed.

● **Hardware requirements**

- The user PC features the necessary audio hardware, for example, a Siemens optiPoint handset (possibly with headset) or a sound card.
- When using a sound card, the user PC must have a microphone and loudspeaker (and possibly also a handset or headset).



Further HW and SW requirements can be found in the Readme file on the system CD.

**Notational Conventions and Symbols Used**

The following conventions apply:

**Display**

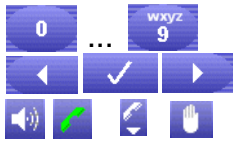
Courier font

**Meaning**

Examples of videotex, input or output are displayed in `courier font`.

**Boldface**

Menus, menu items, dialog buttons and names of dialog fields, buttons and index cards are indicated in **boldface**.



Buttons for selecting functions. Your buttons may differ from examples shown here depending on the color scheme selected.

This manual uses the following symbols:



“i” identifies useful information.



**Safety Information**

Hazard information. See [Safety Information](#) for details.

## General Information

### Safety Information

#### 1.4 Safety Information

**Only** service personnel and authorized specialists are permitted to work on the system. Observe the following information:

- Read through all information on the equipment carefully and follow all safety information. Make sure that you also know the emergency numbers.
- Always contact your manager before starting any work where the necessary safety precautions do not appear to be in place.

#### Types of safety information

This manual uses three types of safety information:



##### **Danger**

Danger symbols call attention to a situation that could cause serious injury or death to a person.



##### **Warning**

Warning symbols call attention to a situation that could cause serious injury to a person.



##### **Caution**

Hazards that can cause damage to the hardware and software and even destroy it.

#### Further symbols for defining the source of danger in greater detail<sup>1</sup>:



Electricity



Weight



Heat



Fire



Chemicals



ESD\*



Laser

\* Electrostatically sensitive device

---

1. These symbols are normally not used in the manual. They explain symbols that may be depicted on the equipment.

## **2 Installing optiClient 130**

This section provides information on the following topics:

- [General Information](#)
- [Configuring/Installing Quality of Service](#)
- [Installing optiClient 130](#)

### **2.1 General Information**

The optiClient 130 installation routine not only installs the actual program on the client PC, but also checks/revises various settings on the optiClient 130 PC and the connected system that guarantee smooth operation. This includes:

- Installing and configuring the QoS (Quality of Service) Packet Scheduler on the local optiClient 130 PC to ensure optimum voice quality in the network (see also [Configuring/Installing Quality of Service](#)).
- For connections to HiPath 4000, some configuration parameters (AMOs) must be set on the HiPath 4000. (see also [Configuration on the HiPath 4000 \(AMOs\)](#))

### **Installation Medium**

A CD with the following title is supplied for installing optiClient 130:

**optiClient 130 V5.0**  
**System CD**  
P30152-P1149-A1-\*

### **Licensing**

The License Management tool is required for licensing software. This tool is used to apply for a license over the Internet. This procedure must be completed within a certain grace period after purchase or product installation (for example, 30 days, product-specific). The product is fully functional during this grace period but cannot be used once the grace period expires.

If no "License Management" Tool is installed network wide for your on-site installation, the appropriate documentation and installation files will be available on the optiClient 130 installation CD. For more information on the licensing procedure, please refer to the License Management documentation or online help.

See also:

[Settings for Licensing](#)

.

## **Installing optiClient 130**

### *General Information*

#### **Installation sequence**

- Define location information (Windows)
- Install / Configure the QoS Packet Scheduler (Windows)
- Install the License Management (if not yet available locally or network-wide)
- Installing optiClient 130

## **2.2 Configuring/Installing Quality of Service**

### **General**

optiClient 130 can use the Windows QoS (Quality of Service) Packet Scheduler for controlling network traffic to improve voice quality in the network. When using this service, telephony packets are given priority over "normal" data packets in the network. For Windows 2000/XP, the required QoS features are supported by the operating system. The necessary configuration steps are described below.

If QoS is to be used, the service must be installed/configured on the optiClient 130 PC.

The following problems may arise during data transfer in an IP network:

- Delays caused by large email attachments and Web surfing
- Network blockages due to multiple requests for the same Web page
- Reduced voice quality caused by
  - delays
  - jitter
  - packet loss

### **QoS methods**

Quality of Service employs different methods to ensure specific transfer properties in packet-oriented networks (IP).

This is why it is important for Voice over IP, for example, to ensure a minimum bandwidth for the duration of the transfer operation. If several applications are running simultaneously over IP, the bandwidth available for a transmission path (for example, an ISDN B channel, 64 Kbps) is divided. This can result in packet loss in a voice connection, which in turn results in reduced voice quality.

Different types of traffic are transported via a single IP infrastructure in HiPath networks. Quality of Service aims to satisfy the requirements of data and voice traffic.

Voice traffic must be assigned a high priority to avoid instances where data traffic suppresses voice traffic. The specifications must also ensure that traffic with higher priority is transferred before traffic with lower priority. These specifications are made on Layer 2 and 3 of the ISO-OSI 7 Layer model:

- The three bits are used in the 802.1p field on Layer 2. This field is part of 802.1Q-Tag.
- The six bits from the DiffServ Code Point (DSCP) field are used in the Type of Service (ToS) byte in the IP header on Layer 3.

## Installing optiClient 130

### *Configuring/Installing Quality of Service*

It is also important that there is sufficient bandwidth available within the QoS class used (code point/IEEE802.1p User Priority).

### Activating QoS for optiClient 130

1. QoS must be activated for use in the optiClient 130 settings.
2. QoS must be provided, that is, installed and configured, on the client PCs concerned.
3. Unused QoS services for managing network traffic must be deactivated on the optiClient PCs.

### Installing and configuring QoS on the client PC



For optimum network traffic control, QoS must be supported not only by the optiClient client PC with the installed network card, but also by all other components concerned, such as routers, switches, servers, etc.

1. Open the **My Network Places** context menu on the desktop and select **Properties**.
2. In the **Network and Dial-up Connections** dialog that appears, open the **Local Area Connection** context menu and select **Properties**.
3. If the **QoS Packet Scheduler** entry is not yet available, install it. If the QoS Packet Scheduler is installed, ensure that it is activated.

### Installing the QoS Packet Scheduler

- In the **Local Area Connection Properties** dialog, select **Install**.
  - Select **Service** as the **network component** and click **Add**.
  - The service is installed and you are returned to the **Local Area Connection Properties** dialog where the **QoS Packet Scheduler** entry is now listed.
  - Activate the entry (checkmark).
4. To configure the connection now, select **Configure**. The properties dialog appears for the network card installed. Now switch to the **Advanced** tab.
  5. Select **Activate** for the properties **802.1p support** and **flow control** and then click **OK**.
  6. Back in the **LAN connection properties** dialog, confirm with **OK**.
  7. Close the **Network and Dial-up Connections** dialog.

This completes the installation/configuration of QoS on the optiClient 130PC.



## **2.3 Installing optiClient 130**

To install optiClient 130 on your client PC, you will require the installation CD with the following title:

**optiClient 130 V5.0**  
**System CD**  
P30152-P1149-A1-\*

### **Installing optiClient 130:**

1. Insert the installation CD into the CD-ROM. The installation program starts automatically. If the CD does not automatically start when you insert it due to settings in the Control Panel, select **Start -Run** and then enter the initial letters of the installation program on the CD drive (in example D:):  
D:\setup.exe.
2. Click **Next** in the welcome dialog.
3. You can read the optiClient 130 licence contract in the license dialog. Installation is initiated once you accept the agreement and click **Next**.
4. To personalize the installation, enter your name and organization in the **Full name** and **Organization** fields in the **User info** dialog. Select the availability of optiClient 130 for **All users for this PC** or **Only for me** and confirm with **Next**.
5. You can now edit the scope of features to be installed or accept the default recommendation without changes. All listed languages are generally installed for the user interface. The target folder for the installation is displayed under **Save in**. The default path is:  
C:\Program Files\Siemens\optiClient. Confirm your entries with **Next**.
6. If you do not want to install the online help in all available languages, you can now remove individual languages from the installation operation. Although optiClient 130 can still be operated in all languages, no online help is now available in the languages removed. The online help is installed in all listed languages by default. Confirm your entries with **Next**.
7. Now specify the standard provider connected to the optiClient 130. The following options are available:
  - CTI Provider  
To operate desktop telephones (connected to a HiPath 3000/4000/5000) over optiClient 130.
  - HiPath Provider  
To connect the optiClient 130 directly to the HiPath 3000/4000/5000.
  - SIP Provider  
To connect the optiClient 130 directly to the HiPath 8000/Cisco proxy.

## Installing optiClient 130

### *Installing optiClient 130*

If you want to use an available central configuration, select the option **Use central configuration**. You can then enter the server name or IP address of the central configuration server (optional). Confirm your entries with **Next**.

8. The system indicates it is ready to install. Select **Next** again to initiate the installation.
9. The installation begins. If the Microsoft .NET Framework is not yet installed on your PC, it will be automatically installed now. This may take some time. The optiClient 130 is installed. After all files have been installed, a final message appears, which you can confirm by clicking **Finish**.

optiClient 130 is now installed.

### **Program group installed**

The installation routine creates a new program group, **Siemens**, under **Start - Program Files**. You will find optiClient 130 in this program group.

### **Shortcuts on the Desktop**

A shortcut icon for optiClient 130 is installed on the desktop.



## 3 First Steps, Display Modes and General Operation

This chapter provides you with information on the following topics:

- [Starting the Program, Logging On, Terminating the Program](#)
- [The Representation of optiClient 130 Controls](#)
- [General optiClient 130 Operation](#)

### 3.1 Starting the Program, Logging On, Terminating the Program



This section provides information on the following topics:

- [Starting optiClient 130](#)
- [Logging In](#)
- [Exiting optiClient 130](#)





#### 3.1.1 Starting optiClient 130

The installation routine creates a program group and shortcut for optiClient 130 on the desktop. To start optiClient 130

- > double-click the optiClient 130 shortcut icon on the desktop  
or
- > select **Start - Program Files - Siemens - optiClient**.

The [Logging In](#) mask appears. If there is no password saved for the last user, logon is automatically performed with the last settings entered (user, language, location) when optiClient 130 is started). If you want to force the logon mask to appear, for example, to enter another user, hold the  /  button depressed when starting the optiClient 130 program.



Since the  /  key is used to select multiple items under Windows by default, make sure that only the entry for optiClient 130 is selected on the Desktop when starting optiClient 130 before you hold down the  /  key and start the program (mandatory Logon dialog).

#### 3.1.2 Logging In

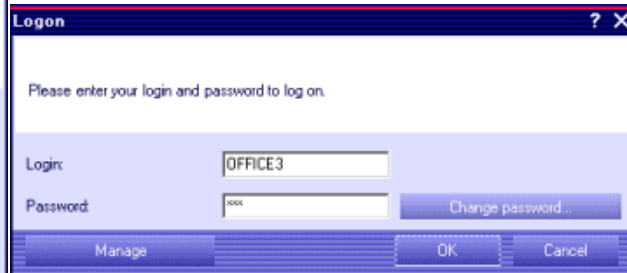
Log on to optiClient 130 as a user first when the program starts:

## First Steps, Display Modes and General Operation

### Starting the Program, Logging On, Terminating the Program



Example: Logon mask (full)



Example: Logon mask (basic)



The selection of input fields and function buttons available in the logon mask depends on how optiClient 130 is configured. This section provides explanations on all input fields and buttons, even if these are not displayed on your logon mask. For more information on configuration, see [Settings for Starting the Program](#).

- > Enter your **login**.  
If you have configured the appropriate option, this field contains a list of logins for all previously registered users and lets you select the one you want. If you do not have a user login yet, click **Add login** (if configured) and enter the new **login** and the associated **password**. Then confirm the password.
- > Enter your **password**.  
If you want to change the password, select **Change password** and enter the old and new passwords and then confirm the password.
- > Select the location where you operate as a user in the **Location** field.  
If the location where you operate is not yet listed, enter it by clicking **Add location** (if configured).



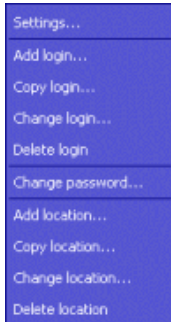
More information on the User and Location concept can be found in the section [The optiClient 130 User and Location Concept](#).

- > Confirm the default **language** used to display the optiClient 130 controls or select another language from the list of installed languages.
- > The field **LIN** (Local Identification Number) is used for local assignment purposes, for example, building (section) number, coordinates, etc. Depending on your configuration, this field may be masked out altogether, contain a default value or may force an entry.

## First Steps, Display Modes and General Operation

### Starting the Program, Logging On, Terminating the Program

- > Different administration functions are available for managing the user or site information and for switching to the configuration - depending on the settings currently configured. Click **Manage** for this.



- **Settings**

Opens the **Settings** dialog for configuring the optiClient 130 parameters. Once you have finished editing your settings you are returned to the Logon dialog. The current settings are applied when you log on.

For more information on the individual settings, see the section [Configuration and Settings](#).



When you log on as a user for the first time, you will need to define various user-specific settings, e.g., to connect to the communication system and to identify the optiClient 130 user. Without these settings, the optiClient 130 cannot be operated.

- **Add login** lets you add a new user login and associated password.  
**Copy login** copies the settings for the current user login to a new user login.  
**Change login** lets you enter another user login for the current user (rename).  
**Delete login** deletes the current user login.
- **Change password** is used to define a new password.
- **Add location** lets you enter a new location.  
**Copy location** copies the settings for the current location to a new location.  
**Change location** lets you enter another location name for the current location (rename).  
**Delete location** deletes the current location.

- > Click **OK** to confirm logon.

The main bar and associated windows and components opens in accordance with your settings and optiClient 130 functions are available for use.



Please refer to the section [Starting optiClient 130 for the First Time with Active Central Configuration \(DLS\)](#) for special information on using the central configuration for configuring or logging on users for the first time.

## **First Steps, Display Modes and General Operation**

*Starting the Program, Logging On, Terminating the Program*

### 3.1.3 Exiting optiClient 130

- > Click the close icon on the optiClient 130 main bar



or

- > select **Exit** in the optiClient 130 menu

or

- > click **[Alt]** + **[F4]**



Depending on the configuration set, if a connection is still active,

- the program cannot be terminated or
- an appropriate advisory appears and the program is terminated at the same time as all active connections or
- the program and all active connections are terminated without further warning.

For more information on setting the required behavior, see the section [Settings for Ending the Program](#).

## First Steps, Display Modes and General Operation

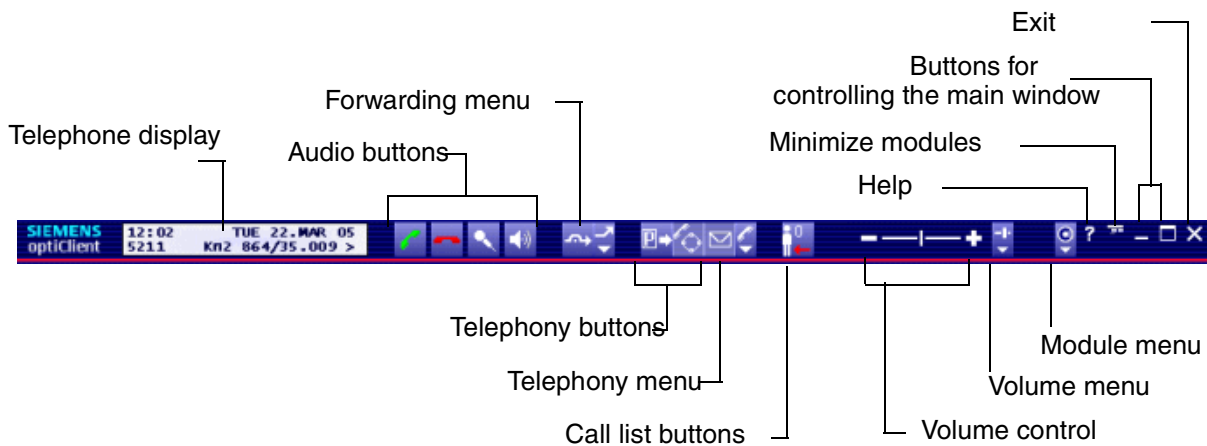
### The Representation of optiClient 130 Controls

## 3.2 The Representation of optiClient 130 Controls

### 3.2.1 Overview of Controls

Different users can see different optiClient 130 layouts after they log on. Layouts vary depending on the modules installed and activated as well as the user preferences and window settings that were active when the program was last ended. The central element in optiClient 130 is the main bar:

#### The optiClient 130 main bar (example)



#### Meaning of the individual controls

Element	Meaning
<b>Main bar</b>	Central optiClient 130 element, always active once the program is started, may be anchored at the top of the screen or minimized.
optiClient 130 integrated <b>telephone</b> with <b>display</b> on the main bar	The integrated telephone is represented by the display on the main bar. Depending on the configuration, function keys, the dialing keyboard or dialog keys (like on a desktop telephone) appear when you click the display. These elements can be used to set up connections, initiate conferences, scroll through the phone book, start Service menu functions, etc., like on a desktop telephone. See also: <a href="#">The optiClient 130 Phone.</a>



**First Steps, Display Modes and General Operation**  
*The Representation of optiClient 130 Controls*

<b>Element</b>	<b>Meaning</b>
<b>Audio buttons</b>	The Audio buttons on the main bar are used to accept and disconnect calls (green / red handset) and as audio controls (speaker, headset, microphone). See also: <a href="#">The Audio Buttons and Volume Control on the Main Bar.</a>
<b>Forwarding menu</b>	If forwarding has been currently configured, these details are shown in the Forwarding menu and can be enabled or disabled from there. See also: <a href="#">The optiClient 130 Forwarding menu.</a>
<b>Telephony buttons Telephony menu</b>	The Telephony menu features telephony functions for the communication system connected. To speed up access to frequently used functions, you can position the associated icons as buttons directly on the main bar. See also: <a href="#">The Telephony Menu and Phone Buttons on the Main Bar</a>
<b>Call list buttons</b>	Depending on your user preferences, you may be able to open all available call lists directly from the main bar by clicking the appropriate button. See also: <a href="#">The optiClient 130 Call Lists Call List Settings.</a>
<b>Volume control Volume menu</b>	You can use the volume control button or volume menu to change the volume for the ring tone / speaker / handset and headset, respectively. See also: <a href="#">The Audio Buttons and Volume Control on the Main Bar</a>
<b>Fault signaling</b>	The fault icon appears on the main bar as soon as optiClient 130 detects an operating fault, for example, a missing network connection. You can click this icon to query faults and find possible solutions. See also: <a href="#">optiClient 130 Fault Signaling on the Main Bar</a>
<b>Module menu</b>	This button opens the optiClient 130 Module menu. The menu provides fast access to functions associated with the modules installed/configured. The type and scope of the menu entries depend on your individual installation and configuration. See also: <a href="#">The optiClient 130 Module Menu.</a>
<b>Help</b>	Click this button to open the general optiClient 130 <a href="#">Online Help</a> .

## First Steps, Display Modes and General Operation

### *The Representation of optiClient 130 Controls*

Element	Meaning
<b>Minimize modules button</b>	By clicking this button you can minimize all active optiClient 130 module windows and dock them on the main bar. See also: <a href="#">Display Options for the optiClient 130 Module Window</a>
<b>Buttons for controlling the main window</b>	Click these buttons to minimize optiClient 130 or anchor the main bar at the top of the screen. See also: <a href="#">Settings for Display in the Info Area.</a>
<b>Exit</b>	Click this button to close optiClient 130.

### Additional controls

### Extended keypad



one column



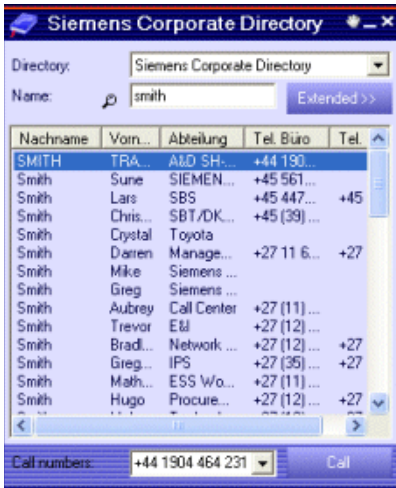
three columns

The extended keypad contains freely programmable function keys. The number of columns in the extended keypad, the number of function keys per column, and the default function key programming depend on which function and key module type you have selected for operation.

See also:

[The Extended Keypad](#)

## Directories/Address books

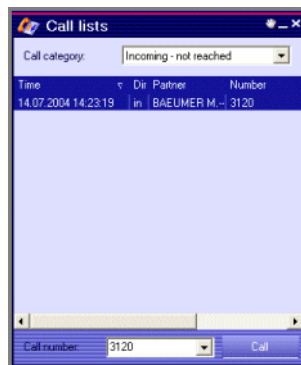


You can search for entries in the directories/address books configured and initiate calls or send emails directly to contacts.

See also:

[Settings for Directories/Address Books](#)  
[The optiClient 130 Directories.](#)

## Call Lists



Calls are logged in the Call List Administration. Incoming/outgoing connections or connection requests are logged depending on the communication system connected. You can also set up connections to logged call partners from the Call List Administration.

See also:

[Call List Settings](#)  
[The optiClient 130 Call Lists.](#)

## First Steps, Display Modes and General Operation

### The Representation of optiClient 130 Controls

#### Contact list



In the contact list, you can import individual contacts from various directories and then group them there to suit your own requirements. The groups / contacts in the contact list can be displayed in various views of the contact list. Connections to individual contacts can be set up directly from the contact list.

See also:

[Settings for Contact list and Contact directory](#)  
[The optiClient 130 Contact List.](#)

#### Contact directory

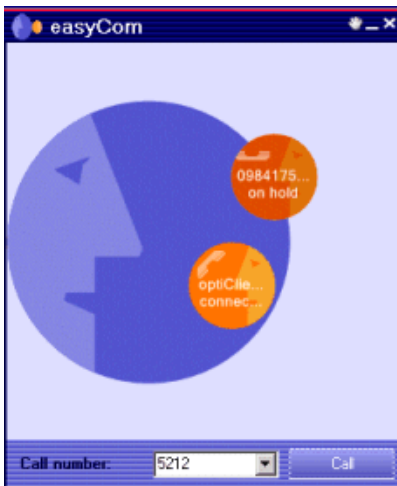


The contact directory can be used to manage individual contacts independently of other directories. Contacts from other directories can also be easily imported into the contact directory. Connections to individual contacts can also be set up directly from the contact directory.

See also:

[Settings for Contact list and Contact directory](#)  
[Working with the Contact Directory.](#)

## easyCom communication circle



The easyCom communication circle offers an alternative interface for using telephony functions. Connections and connection states are represented here via an intuitive and convenient interface using graphic (colored) circles.

See also:

[Settings for the easyCom Communication Circle](#)  
[The easyCom Communication Circle.](#)

## Web Browser window



optiClient 130 provides a Web Browser window in which you can quickly open frequently used Internet pages without having to exit optiClient 130. The optiClient 130 Web Browser window offers basic functions for operation. The Internet pages that can be activated are configured in optiClient 130.

See also:

[Settings for the Webbrowser](#)  
[The optiClient 130 Web Browser Window.](#)



The numerous layout and positioning options for optiClient 130 controls mean that "your" optiClient 130 may differ in appearance from the figure shown here.

## First Steps, Display Modes and General Operation

### *General optiClient 130 Operation*

## 3.3 General optiClient 130 Operation

This section provides an overview of how to operate the various optiClient 130 controls. Equipped with this information, you can then customize your optiClient 130 layout to satisfy your personal requirements and wishes:

- [The optiClient 130 Main Bar](#)
- [The optiClient 130 Phone](#)
- [The Extended Keypad](#)
- [Labeling/Programming Function Keys](#)
- [Operating with the PC Keyboard](#)
- [Dialing Aids](#)
- [The optiClient 130 Screen Saver](#)
- [Display Options for the optiClient 130 Module Window](#)
- [Online Help](#)
- [Program Information](#)
- [Updating the Program](#)

### 3.3.1 The optiClient 130 Main Bar

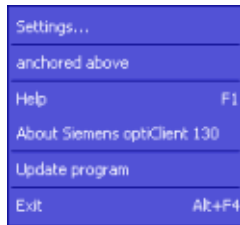
The main bar is the central element in the optiClient 130 user interface and can be customized to suit your individual needs. In addition, it also includes various menus and buttons:

- [The optiClient 130 Menu](#)
- [Main Bar Display Options](#)
- [The Audio Buttons and Volume Control on the Main Bar](#)
- [The optiClient 130 Forwarding menu](#)
- [The Telephony Menu and Phone Buttons on the Main Bar](#)
- [optiClient 130 Fault Signaling on the Main Bar](#)
- [The optiClient 130 Module Menu](#)

#### 3.3.1.1 The optiClient 130 Menu

The main bar contains the optiClient 130 menu which can be opened by right-clicking an unassigned area.

## Display



This menu offers the following functions:

- **Settings**  
Starts the configuration of user preferences (cf. [Configuration and Settings](#)).  
This menu item is not available if a connection is active.
- **anchored above**  
Docks the main bar at the top of the screen (cf. [Main Bar Display Options](#)).
- **Help**  
Opens the general online help for optiClient 130 (cf. [Online Help](#)).
- **About Siemens optiClient 130**  
Displays optiClient 130 program information (cf. [Program Information](#)).
- **Update program**  
Checks the availability of an updated version of optiClient 130 and installs it if needed (see also [Updating the Program](#)).  
This menu item is not available if a connection is active.
- **Exit**  
Closes the optiClient 130 program.  
The availability of this menu item when a connection is active depends on your user preferences (cf. [Settings for Ending the Program](#)).

### 3.3.1.2 Main Bar Display Options

#### Docking the main bar

The following alternatives are available for anchoring the main bar at the top of the screen:

- > Click the appropriate icon on the right on the main bar.



- > Right-click an unassigned area on the main bar to open the optiClient 130 menu and activate **anchored above**.

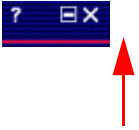
## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

#### Positioning the main bar freely (remove anchor)

If you want to choose the position of the anchored main bar, you can

- > click the appropriate icon on the right on the main bar

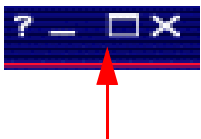


- > or right-click an unassigned area on the main bar to open the optiClient 130 menu and deactivate **anchored above**.

#### Freely positioning optiClient 130 windows or anchoring them with the menu bar

- > You can anchor windows with the "magnetic" main bar. Do this by simply dragging the activated window by its title bar near to the main bar; the window is now anchored to the main bar.
- > To detach an anchored window, drag the window by its title bar away from the main bar and away from the "magnetic" area. You can now position the window wherever you like on the desktop.

#### Minimizing/restoring the main bar (with all optiClient 130 windows)



- > Click the indicated icon on the right on the main bar to minimize this bar and all active windows. An icon for optiClient 130 may be displayed in the info area depending on your settings (see the section [Settings for Display in the Info Area](#)).



Taskbar

- > To restore the main bar with all active windows, click the optiClient 130 entry in the taskbar. An icon may be provided for this in the info area depending on the settings selected.



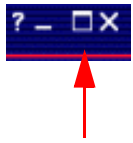
Info area



Depending on your individual settings, the appearance of the minimized/restored main bar may vary in response to certain events, for example, incoming connection requests or active connections (see also the section [Settings for Changing the Connection Status](#)).



### Minimizing all active optiClient 130 module windows and docking them on the main bar



- > Click the indicated icon on the right on the main bar to minimize all active optiClient 130 module windows and dock them on this main bar (see the section [Settings for Display in the Info Area](#)).

You can restore minimized module windows to their original size by clicking the restore icon:



#### 3.3.1.3 The Audio Buttons and Volume Control on the Main Bar

When you integrate an audio module in optiClient 130, various audio buttons appear on the main bar - depending on the hardware and user preferences set. These audio buttons help you to activate the associated functions quickly and effectively:

Button	Function / Meaning
	<p><b>Lift receiver</b>                      (the handset or alternative audio device provided):</p> <ul style="list-style-type: none"> <li>• In the event of a connection request, for example, incoming call: accept and establish a connection.</li> <li>• In idle state lift (handset or alternative audio device provided).</li> </ul>
	<p><b>Disconnect a Call</b>                      (replace handset or alternative audio device provided)</p> <ul style="list-style-type: none"> <li>• In an active connection: call is ended.</li> <li>• In the system menu: stop scrolling, return to idle state.</li> </ul>
	<p><b>Microphone on/off</b></p> <ul style="list-style-type: none"> <li>• In an active connection: activate or deactivate the mute feature for audio devices.</li> </ul>
	<p><b>Loudspeaker on / off</b></p> <ul style="list-style-type: none"> <li>• In an active connection or in the idle state: activate/deactivate the loudspeaker.</li> </ul>
	<p><b>Headset on / off</b></p> <ul style="list-style-type: none"> <li>• In an active connection or in the idle state: activate/deactivate headset operation.</li> </ul>

## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

#### Button



#### Function / Meaning

##### Volume control:

Push the slider right (louder) or left (softer) to adjust the volume of the...

- **Ring tone** when optiClient 130 is in an idle state or a connection request is received.
- **loudspeaker** when a connection is in progress and a loudspeaker is active.
- **handset** when a connection is active, a call is being conducted via the handset, and the loudspeaker is not turned on.
- **headset** when a connection is active, a call is being conducted via the headset, and the loudspeaker is not turned on.



##### Volume menu:

To adjust the volume of the **ring tone**, **loudspeaker**, **handset** or **headset** irrespective of your current optiClient 130 call state, open the Volume menu by clicking the volume button (to the right of the slider). You can adjust the volume of the ringer, loudspeaker, handset or headset here.



The headset button and headset volume control will only be available to you if you are using a Siemens optiPoint handset with a headset extension and if this audio device has also been configured in the active audio scheme.

See also:

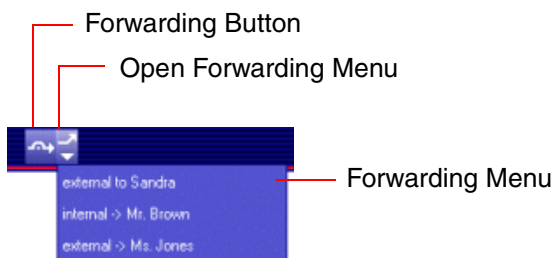
[Settings for Audio Control](#)

[Audio Schemes](#)

#### 3.3.1.4 The optiClient 130 Forwarding menu

In order to forward connection requests at times when you are absent, you can define call forwarding in optiClient 130 for various types of forwarding and then enable or disable the feature as needed. The provider connected defines which types of forwarding are available.

##### Display (example)



### Add forwarding

- > Open the context menu on the Forwarding button and select **Add**.
- > You can now use the **Type** of Forwarding dialog to define the **Destination** (call number) and a designation (**Optional text**). This defines the call forwarding.

The following types of forwarding are available for HiPath 3000/5000:

- unconditional
- external unconditional
- internal unconditional

The following types of forwarding are available for HiPath 4000:

- unconditional
- external unconditional
- internal unconditional
- busy
- no answer
- on busy/no answer

### Change forwarding

- > Open the Forwarding menu
- > Open the context menu of the forwarding details you want to edit and select **Change**.
- > Change the settings as desired.

### Deleting Forwarding

- > Open the Forwarding menu
- > Open the context menu of the forwarding details you want to delete and select **Delete**.

### Enabling / Disabling Forwarding

- > Open the Forwarding menu The enabled call forwarding items are shaded in a dark color (or bright, depending on your color scheme).
- > Clicking on an entry toggles the state between enabled and disabled (on and off).



Clicking the Forwarding Button will enable or disable all active call forwarding items.

## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

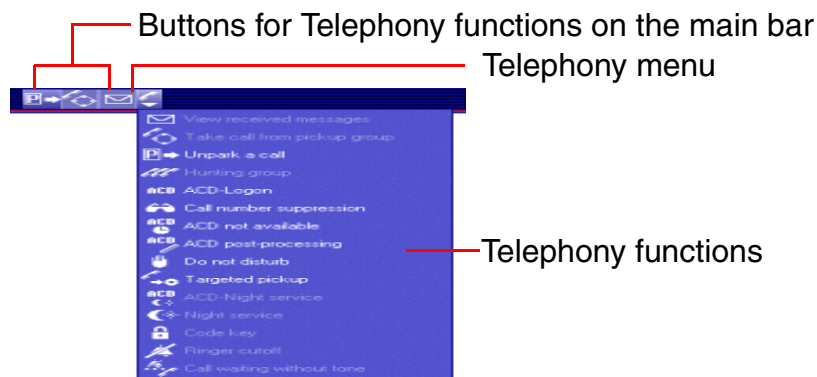
#### 3.3.1.5 The Telephony Menu and Phone Buttons on the Main Bar

##### General

The communication system connected to the optiClient 130 basically specifies which telephony functions are available. In optiClient 130, the available functions can be used for direct activation in the Telephony menu. You can program frequently used functions on buttons and store them directly on the main bar.

An overview of the telephony functions available in optiClient 130 is provided in the section [Telephony functionsHiPath 4000](#) or [HiPath 3000/5000 Telephony functions](#).

##### Telephony menu (example)



- > Functions that can be activated in the optiClient 130 (connection) status currently active are shown in full color in the menu in the above example. Functions that cannot be activated are gray (display depends on the color scheme selected).

##### Activating/deactivating telephony functions

- > Open the Telephony menu and select the relevant function

**or**

- > click the function button on the main bar

Depending on the function type, you may have to specify additional information to execute the function (for example, enter the code for the Code key function).

##### Placing function buttons on the main bar

- > Open the Telephony menu.
- > Open the context menu of the desired telephony function and select **Display function in the main bar**. The button icon is placed on the main bar.

You can apply the same procedure to place buttons on the main bar for functions that cannot be activated at present.

### 3.3.1.6 optiClient 130 Fault Signaling on the Main Bar

The intelligent optiClient 130 fault signaling function immediately signals problems that occur during live operation. Fault signaling is activated in the following scenarios:

- connection problems
- sound card problem
- license problems

#### Fault signaling on the main bar



A new fault has occurred, but has not yet been queried.



A fault has occurred, and has already been queried, but has not yet been resolved.



#### Querying a fault

- > Click the fault icon on the main bar. A window appears with the error report that lists all unresolved faults and includes information on possible solutions.
- > The appearance of the fault icon on the main bar changes as soon as you close the error report with (new) faults.

The fault icon automatically disappears from the main bar as soon as all faults have been resolved.

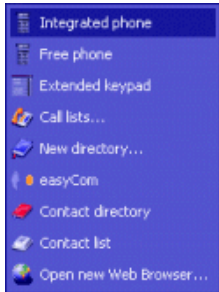
### 3.3.1.7 The optiClient 130 Module Menu

The optiClient 130 Module menu, which can be opened via the Module Menu button in main bar, contains all menu items and functions offered by the modules installed.

## First Steps, Display Modes and General Operation

### *General optiClient 130 Operation*

## Display



The scope of the optiClient 130 Module menu and the menu entry sequence depend on your individual installation and configuration. Active modules are marked in the Module menu. The following functions are available in the Module menu in a basic installation:

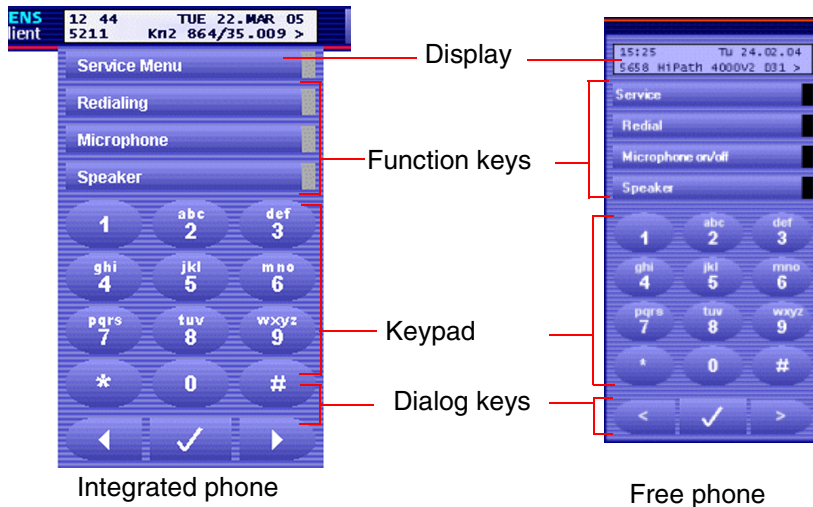
- **Integrated phone**  
Opens the optiClient 130 phone as a window whose display is integrated (docked) on the main bar. The integrated phone's display is always shown; , such as, dialing keys, dialog keys, and function keys, can be displayed below it, although this is optional (see [The optiClient 130 Phone](#)).
- **Free phone**  
Opens the optiClient 130 phone as a freely positionable (floating) window. In the freely positionable phone, the display, dialing keys, dialog keys and even the function keys can be displayed (see [The optiClient 130 Phone](#)).
- **Extended keypad**  
Opens the extended keypad (see the section [The Extended Keypad](#)).
- **Call lists**  
Opens the Call List Administration (see also the section [The optiClient 130 Call Lists](#)).
- **New directory**  
Opens an optiClient 130 directory window in which you can search for contacts (see also the section [The optiClient 130 Directories](#)).
- **easyCom**  
Opens the easyCom window (see also the section [The easyCom Communication Circle](#)).
- **Contact directory**  
Opens your contact directory with your individual entries (see also the section [Working with the Contact Directory](#)).
- **Contact list**  
Opens your contact list in which contacts are grouped and shown as selected by you (see also the section [The optiClient 130 Contact List](#)).

- **Open new Web Browser...**

Opens a new Web browser window in which the configured web pages can be selected (see also the section [The optiClient 130 Web Browser Window](#)).

### 3.3.2 The optiClient 130 Phone

#### Display



The optiClient 130 phone can be optionally set up as a freely floating phone or an integrated phone. The freely floating phone can be positioned anywhere on the desktop; the integrated phone, by contrast, is docked permanently to the main bar.

The optiClient 130 phone has the same controls as a desktop phone and can also be operated identically.

The optiClient 130 phone lets you initiate outgoing calls (voice connections), accept incoming calls or else perform service menu functions for the communication system connected (such as, activate night service, ringer cutoff, call waiting without tone, code key, etc.).

- **Display**

In normal mode, the display field shows the idle menu from which you can set up or receive call connections. In addition, you can initiate outgoing voice connections, accept incoming calls and also execute service menu functions of the connected communication system. Apart from the date and time, the display shows the own telephone number and the designation of the connected communication system. The display in the integrated phone always has two lines; the display in the freely floating phone, by contrast, may have two or four lines, depending on the configuration of the telephone type for optiClient 130.

See also:

[Device Settings](#)

## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

- **Function keys**

The optiClient 130 phone includes four or five freely programmable function keys, depending on the selected telephone type. Following startup, these keys are predefined with standard functions of the communication system (function + label).

See also:

[Device Settings](#)

[Labeling/Programming Function Keys](#)



If an automatic line seizure was configured on the connected HiPath 3000/5000 communication system, the function "Initiate an internal call" will be programmed on the third function key. In this case, you need to manually change the key caption to `Internal Calls`.

- **Dialing keyboard**

On the dialing keypad, you will see the digit keys **0** - **9** (also labeled with letters) and **\*** and **#**. Depending on the input mode set, you can enter normal and special characters at the push of a button. To do this, simply press the digit key as often as needed until the desired character appears in the display. Typical examples for the input of letters includes the labeling of programmed phone numbers (for telephone types with EKL).

See also:

[Device Settings](#)

- **Dialog keys**

The three dialog keys are used to scroll forwards and backwards, to confirm functions and in the Service menu.

### Display options

- The free and integrated phone can be opened simultaneously.
- Clicking in any free area in the telephone opens a context menu that allows you to individually turn on or turn off the display of the **function keys**, the **dialing keypad** and the **dialog keys**. In the free phone, you can also turn the display on or off by this method.
- The display options of the free and integrated phone may differ. For example, you can show only the display on the main bar for the integrated phone, while freely positioning the free phone with the dialing keyboard, dialog keys and function keys anywhere on the desktop.
- In idle state, the integrated phone only shows the display on the main bar. Simply click the display to open the associated keypads set or the free phone. The required behavior can be configured.
- The display of the integrated phone always appears as a two-line display on the main bar.



See also:

[Integrated Phone](#)

[The optiClient 130 Module Menu](#)

[Device Settings](#)

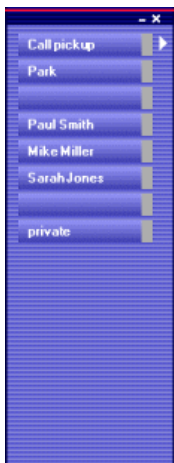
### 3.3.3 The Extended Keypad

The extended keypad provides you with multiple columns of freely programmable function keys. You can program these keys with frequently dialed call numbers or telephony functions, for example, and then select them with a simple mouse click.

#### Number of columns

The number of columns available and the number of keys in the columns are determined by your selection of the phone and key module type (see also section [Device Settings](#)).

#### Display



one column



multi-column

Following startup of the optiClient 130, these keys may be predefined with standard functions of the communication system (function + label).

#### Key captions - Electronic Key Labeling

The selected phone or key module type also determines whether Electronic Key Labeling (EKL) is available for the keys. With EKL, all keys that are programmed with a function (regardless of whether by default or by manual programming) are automatically labeled with the "suitable" function test that is defined in the communication system. It is not possible to enter a customized caption in optiClient 130.

If you have selected a phone or key module type without EKL, you can label the keys in optiClient 130 and also assign the destination numbers there.

## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

See also:

[Device Settings](#)

[Labeling/Programming Function Keys](#)

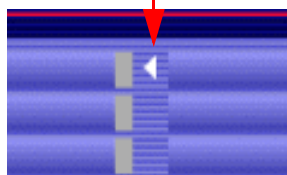
### Extended keypad, opening/closing

- > To open the extended keypad, select the **Extended keypad** main bar from the optiClient 130 menu.
- > If the extended keypad offers you additional columns, you can use the arrow symbols in the top right margin of the extended keypad to open or close further columns.

open another column



collapse all columns to the right



- > To close the extended keypad, click the close icon in the title bar.



If the main bar is minimized, all optiClient 130 windows open are closed. If the main bar is restored, the windows that were previously open are also restored.

### Minimizing the extended keypad and docking it on the main bar

- > To minimize the extended keypad, click the minimize icon on the title bar. The minimized title bar is automatically docked on the main bar. Simply click the restore icon to revert to the full-size extended keypad.
- > All optiClient 130 module windows (including the extended keypad) can also be minimized on the main bar with a simple click.

See also:

[Main Bar Display Options.](#)


## 3.3.4 Labeling/Programming Function Keys

### Labeling function keys





Function keys can be labeled in optiClient 130 only if a phone or key module type without EKL (Electronic Key Labeling) has been selected. With EKL, the keys are automatically labeled with the texts that were defined for the functions on the connected communication system.

- > Open the context menu for the function key to be labeled and select **Change caption**. A dialog appears for entering the caption text.



If while programming function keys the required caption (for example, the call number) appears in the display, you can automatically accept this text as the caption. Open the context menu for the function key to be labeled and select **Accept caption from display**.













When programming function keys, the name is shown in the display in addition to the associated call number. You can accept this as a caption by holding down the  () key when selecting **Accept caption from display**.

### Programming function keys

The communication system to which your optiClient 130 user is connected defines how the available function keys can be programmed on the optiClient 130 phone and on the extended keypad. For more information, see the section [Telephony functionsHiPath 4000 or HiPath 3000/5000 Telephony functions](#).



### 3.3.5 Operating with the PC Keyboard

The following applies with operating the optiClient with the PC keyboard:

Action	Key/key combination
<b>System-wide keys (at every cursor/mouse position)</b>	
Accept a connection request	Key can be configured
End connection (for example, replace the handset)	Key can be configured
<b>Cursor/mouse in the optiClient 130 phone or on the main bar</b>	
Browse functions	 or 
Confirm function	
Revert to idle state in the system menu	 (This key corresponds to the button with the red handset on the main bar)
Dial directly from the clipboard, with conversion of the characters to be dialed determined by the network access. The trunk code is not added.	 +  (or  +  )
Dial directly from the clipboard, with conversion of the characters to be dialed determined by the network access. The trunk code is added in this case. See also: <a href="#">Settings for Main Network Access or Settings for Fallback Network Access</a> ).	 +  (or  +  )

## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

optiClient 130 lets you perform direct dialing in all windows using the numerical keys and set up a connection or scroll through the Service menu using the keys  and . The digits dialed or the Service menu entries are shown on the telephone's display. Direct dialing is not possible, however, if the cursor is currently in an input field, for example.















Direct dialing/scrolling through the Service menu with the dialing keyboard is not possible in the Webbrowser window.

For more information on the settings for keyboard operation, see the section [Settings for the Keyboard Manager](#).

### 3.3.6 Dialing Aids

You can use the following dialing aids to set up a connection in optiClient 130 to a call number entered in another program, for example, a text processing application:

#### Dialing with copy & paste

- Mark the call number in the program (for example, text processing application) and copy it to the clipboard with  +  (or  + ) or with the menu functions provided by the program).
- Switch to optiClient 130. Paste the call number from the clipboard back into the phone's display field with
  -  +  (or  + ) without the trunk code
  - or with  +  (or  + ) with the trunk code
- The call number appears in the display, and the connection is set up directly.

#### Dialing with drag & drop

- Use the mouse to mark the number you want in the program (for example, text processing application).
- Drag the marked number to the optiClient 130 phone's display and then release the mouse button (in other words, drop the dragged number there).
- The call number appears in the display, and the connection is set up directly.

### 3.3.7 The optiClient 130 Screen Saver

optiClient 130 comes with a screen saver that can be activated as the default screen saver for your PC. The following extended functions are then available.

When the optiClient 130 screen saver is active, you can

- dial a configured speed-dial number directly.
- accept/end direct incoming calls.

without closing the screen saver.

#### Working with the optiClient 130 screen saver

##### Screen saver (segment)



- The lower section contains information about the optiClient 130 activity status. If optiClient 130 is not active, you cannot accept any incoming calls or set up a connection with the speed-dial number.
- Deactivate the screen saver by clicking **Close Screensaver**.
- If you configured a speed-dial number, the button **Dial xxx** appears (xxx here stands for the speed-dial number). If optiClient 130 is active, clicking this button dials the number directly without closing the screen saver.
- If a call is received for you when optiClient 130 and the screen saver are active, an appropriate button appears and can be used to accept the call. To clear down the connection, simply click the disconnect button provided. The screen saver remains active.

See also: [Settings for the ScreenSaver Manager](#).

## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

#### 3.3.8 Display Options for the optiClient 130 Module Window

The following (module) windows can be opened in optiClient 130:

- Free phone
- Extended keypad
- Directories
- Call Lists
- easyCom communication circle
- Webbrowser
- Contact list
- Contact directory

These windows offer various display and handling options, independently of their respective contents and functions.

##### Docking windows at the main bar or positioning them freely

- > To dock a module window to the main bar, simply drag the window close to the "magnetic" main bar. The window is automatically anchored when it gets close enough.
- > To float the window (i.e., undock it), simply drag it away from the main bar until it is far enough to be released. You can then position it anywhere on the Desktop.



When optiClient 130 is minimized, the main bar including all open optiClient 130 windows (where applicable) is also minimized. If optiClient 130 is restored, the windows that were previously open are also restored.

##### Minimizing/restoring windows

- > To minimize or restore a module window, click the Minimize-Restore symbol in the title bar. When minimized, only a window's title bar is visible; this is then automatically anchored at the main bar.

##### Changing the window size

- > To change the size of the window, drag the window edge or a window corner until it has the desired size.

##### Changing the column order and column width

The following applies to module windows in which information is displayed in the form of columns (directories, contact directory, call lists):

- > The column widths can be changed by moving the column separators in the column headers.
- > To change the order to the columns, drag the column header to be moved while holding down the mouse button to the desired location and then drop it. The column and all its entries will be moved.

### Changing the sorting order in columns

You can also change the sorting order of entries which are displayed in columns in the module windows (directories, call lists). To do this, click in the column header; the entries will be sorted and displayed in ascending or descending order. As an orientation aid, the current sorting order is indicated in the column header by means of small arrows.

### Tab view for Module windows

In order to display multiple opened module windows conveniently, while saving desktop real estate, you can cascade these windows in the Tab view:

- > Drag a window with the hand icon from the title bar to another window. When the windows line up, the display changes and tabs appear in the lower part of the window.
- > You can select which window is displayed on top by simply clicking the associated tab.

### Display



Hand icon for dragging

### Tab view



## First Steps, Display Modes and General Operation

### General optiClient 130 Operation

- > To disconnect a window from the Tab view, drag it away from the tabbed windows area; this will cause it to be displayed again as a separate window.



The windows with the free phone and the extended keypad cannot be displayed in Tab view.



More information on the functionality and operation of the individual module windows can be found under

[The optiClient 130 Directories](#)

[.The optiClient 130 Call Lists](#)

[The easyCom Communication Circle](#)

[Working with the Contact Directory](#)

[The optiClient 130 Contact List](#)

[The optiClient 130 Web Browser Window](#)

### 3.3.9 Online Help

You can activate the optiClient 130 online help as follows:

- > open the context menu on the main bar and select **Help**

or

- > press 

or

- > click the help icon on the right on the main bar.



↑ Help icon

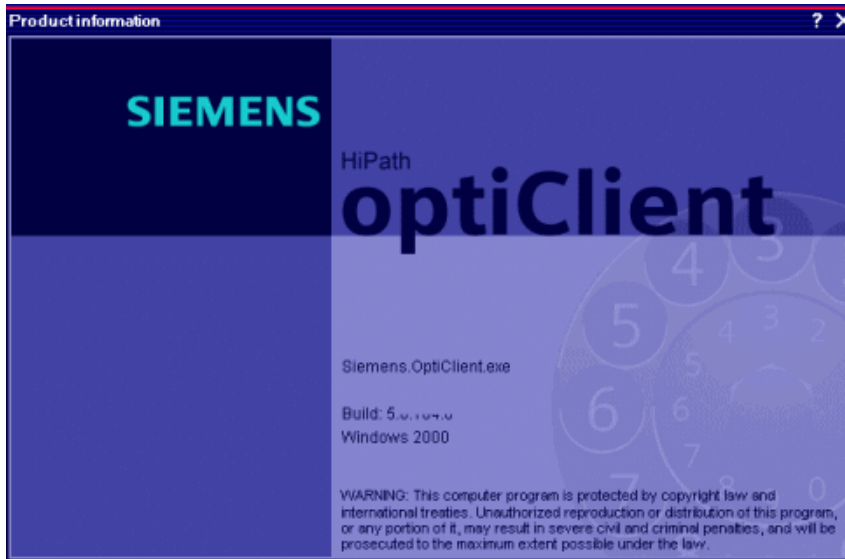
The **general online help** opens. The help icon can also be accessed in dialogs. Here, this icon opens **dialog-specific online help**.

### 3.3.10 Program Information

Select the menu entry **About Siemens optiClient 130** from the menu bar's context menu for information on the current program version, copyright, etc.



## Example



### 3.3.11 Updating the Program

There are two ways to check for possible updated versions of the optiClient 130 program:

1. Configure an automatic search function that searches a defined memory location for updates at specified intervals.

An advisory appears if the automatic search function finds a new program version. In this case, you have three options:

- You can install the program update immediately.
- You do not install the program update; in this case, another search will be performed for an updated program version the next time you log on.
- You do not install the program version. The automatic search is deactivated.

2. You start a manual search for updates by selecting the entry **Update program** in the optiClient 130 menu.

A new program version found in the course of a manual search is installed following a confirmation prompt.



Only a Windows user with local administration rights can install an update version.

The memory location for the program updates and the settings for the automatic search are defined in your user preferences. For more information, see [Settings for Program Updating](#).

**First Steps, Display Modes and General Operation**  
*General optiClient 130 Operation*

## 4 Configuration and Settings

### 4.1 General Remarks

To ensure the smooth operation of optiClient 130, different settings must be made for each individual user. The type and scope of the settings depend, for example, on the modules installed and activated, basic network parameters, the audio hardware installed, etc.

Various settings such as the own call number at the communication system must be set before logon; otherwise, the telephone will not work properly. You should switch to the mask for editing settings as soon as you create a new user in the logon dialog.

Other settings, such as call list options, have no effect on the general operation of optiClient 130 and can be edited during live operation after you log on.



Please refer to the section [Starting optiClient 130 for the First Time with Active Central Configuration \(DLS\)](#) for special information on using the central configuration for configuring or logging on users for the first time.



Operating settings are defined for your user in the course of installation and initial user configuration and should not be modified. Reminders are provided in this document when describing the relevant settings.



Information on individual users are administered by optiClient 130 in the folder `C:\Documents and Settings\All Users\User Data\Siemens\optiClient` by default. The Settings Folders Tool is available to the optiClient 130 administrator if you want to configure a different folder for storing user information (e.g., a central folder on the network). For more information, see the section [Administration of the Settings Folder](#).



A migration tool is available to the optiClient 130 administrator if user data from a previous version of optiClient 130 needs to be transferred. For more information, see the section [Transferring Data from the Previous Version \(Migration\)](#).

The user preferences are edited in the **Settings** dialog. You can open this dialog both from the Logon mask (that is, before operating parameters are loaded/read in) as well as during live operation after logging on from the optiClient 130 menu.

See also:

[Logging In](#)

[The optiClient 130 Menu](#)


## Configuration and Settings

### General Remarks

The following is an overview of the settings that you can edit depending on how you opened the Settings dialog:

Available settings	via Logon	during live operation
<b>for the main program</b>		
• <a href="#">General Settings</a>	X	X
• <a href="#">Settings for Starting the Program</a>	--	X
• <a href="#">Settings for Ending the Program</a>	X	--
• <a href="#">Settings for Display in the Info Area</a>	X	--
• <a href="#">Settings for Changing the Connection Status</a>	X	--
• <a href="#">Settings for Program Updating</a>	X	--
• <a href="#">Settings for Central Configuration</a>	X	--
<b>for the user interface modules</b>		
• <a href="#">Settings for Audio Control</a> – <a href="#">Audio Schemes</a>	X	--
• <a href="#">Settings for the Phone</a> – <a href="#">Integrated Phone</a>	no setting X	no setting X
• <a href="#">Settings for the Device State</a>	no setting	no setting
• <a href="#">Call List Settings</a> – <a href="#">Call Types</a>	--	(depending on the communication system)
• <a href="#">Settings for Directories/Address Books</a> – <a href="#">General</a> – <a href="#">Column Selection</a> – <a href="#">Directory Selection</a>	X X X	X X X
• <a href="#">Settings for the easyCom Communication Circle</a> – <a href="#">Symbols</a> – <a href="#">Image</a>	X X	X X
• <a href="#">Settings for Contact list and Contact directory</a>	no setting	no setting
• <a href="#">Settings for the Webbrowser</a> – <a href="#">Internet Pages</a>	X	X

Available settings	via Logon	during live operation																							
<b>for Provider modules</b>																									
<ul style="list-style-type: none"> <li>● <a href="#">Settings for the HiPath Provider on HiPath 3000/4000/5000</a> <ul style="list-style-type: none"> <li>– <a href="#">Device Settings</a></li> <li>– <a href="#">Settings for the Main Connection</a></li> <li>– <a href="#">Settings for Main Network Access</a></li> <li>– <a href="#">Settings for the Fallback connection</a></li> <li>– <a href="#">Settings for Fallback Network Access</a></li> <li>– <a href="#">Settings for Failover</a></li> <li>– <a href="#">Settings for Bandwidth Reduction</a></li> <li>– <a href="#">Port Restriction Settings</a></li> <li>– <a href="#">Virtual Private Network (VPN) Settings</a></li> <li>– <a href="#">Quality of Service (QoS) Settings</a></li> <li>– <a href="#">Settings for Licensing</a></li> <li>– <a href="#">Operation Settings</a></li> </ul> </li> </ul>	if HiPath Provider is active and connected to HiPath 3000/4000/5000 <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%; text-align: center;">x</td><td style="width: 50%; text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">x</td><td style="text-align: center;">--</td></tr> <tr><td style="text-align: center;">--</td><td style="text-align: center;">x</td></tr> </table>	x	--	x	--	x	--	x	--	x	--	x	--	x	--	x	--	x	--	x	--	x	--	--	x
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<ul style="list-style-type: none"> <li>● <a href="#">Settings for the Keyboard Manager</a> <ul style="list-style-type: none"> <li>– <a href="#">Key Assignments</a></li> </ul> </li> </ul>	x	--																							
<ul style="list-style-type: none"> <li>● <a href="#">Settings for the ScreenSaver Manager</a> <ul style="list-style-type: none"> <li>– <a href="#">Settings</a></li> </ul> </li> </ul>	x	--																							

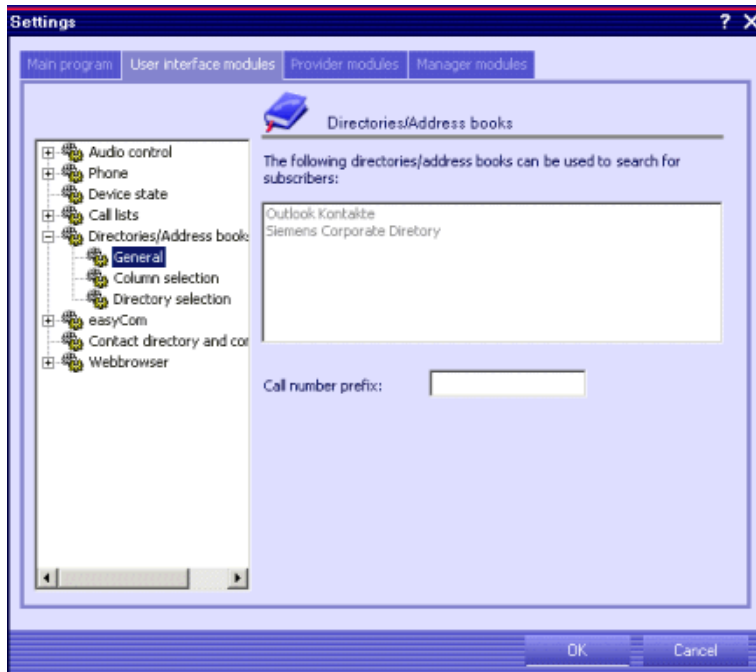
 The type and scope of the possible user settings depends on the modules installed and configured in optiClient 130. This overview applies to the standard installation of optiClient 130 without expansions.

## Configuration and Settings

### General Remarks

#### 4.1.1 Navigating the Dialog Settings

##### The Settings dialog



- You can edit settings for **Main program**, **User interface modules**, **Provider modules** and **Manager modules** on separate tabs in the Settings dialog.
- The left window pane contains a tree structure which provides an overview of the modules available and their settings. The right pane contains the relevant parameters. The tree structure in the left pane is based on the Windows standard and is navigated in the same way as Windows Explorer.
- The online help for the parameters displayed can be opened by clicking the help icon ? in the dialog's title bar.

#### 4.1.2 Adding or Removing a Module

The setup operation installs all modules but only activates (adds) "suitable" modules and those needed for the standard provider. The standard provider is defined during the setup operation.

##### Plausibility check

Please note that although you can add or remove modules after installation, this can have a radical effect on optiClient 130 functions. Missing/incorrect modules can, for example, prevent connection to the communication system and the operation of individual audio devices, etc.

Changing the module selection therefore prevents the plausibility check. If optiClient 130 is subject to functional restrictions as a result of missing modules, an appropriate advisory will be provided.

### **Adding/removing modules**

Modules can only be **added** or **removed** if the Settings dialog was opened from the Logging in mask. Proceed as follows:

- > To **add** (add-on) modules, click the appropriate button above the tree structure. Select the required module/functionality for the list of installed and as yet uninstalled modules that appears. The module added is then entered in the overview. You can now make the associated settings.
- > To remove a module, select the required module and then click the **Delete** button above the tree structure. The module functions are no longer available.

This form of deletion only removes your user access to the module and its functions. The module itself remains installed and can be added once again for your user by clicking **Add**.

## Configuration and Settings

### *Settings for the Main Program*

## 4.2 Settings for the Main Program

You can modify settings in the following areas for the main program (main bar):

- [General Settings](#)
- [Settings for Starting the Program](#)
- [Settings for Ending the Program](#)
- [Settings for Display in the Info Area](#)
- [Settings for Changing the Connection Status](#)
- [Settings for Program Updating](#)
- [Settings for Central Configuration](#)

### 4.2.1 General Settings

You can enter settings for the following under **Main program - General Settings**:

- [Color Schemes](#)

#### 4.2.1.1 Color Schemes

You can select predefined and coordinated color schemes to customize the color layout of your optiClient 130. To select a color scheme, select **Main program - General Settings - Color Schemes**.

#### Option

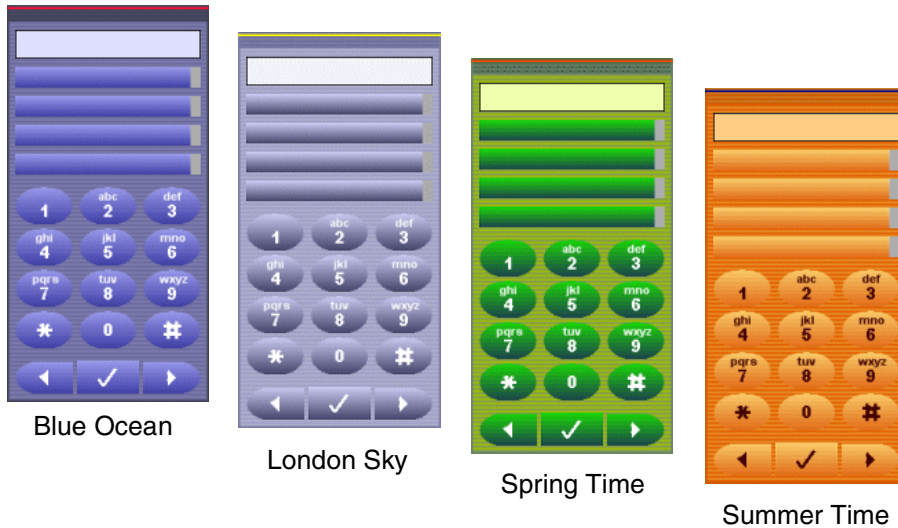


The following options are available:

- Blue Ocean (Standard)
- London Sky
- Spring Time
- Summer Time



## Color schemes



The color scheme selected is implemented for all optiClient 130 windows and components including the optiClient 130 screen saver (if activated).

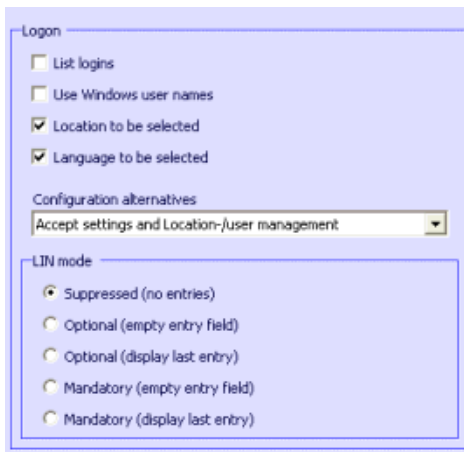
## 4.2.2 Settings for Starting the Program



Options for editing settings for program start are only available in the case of activation during live operation, not in the case of activation when logging on.

To edit options for starting the optiClient 130 program, select **Main program - Program start**.

### Display of options



You can define the following optiClient 130 settings for starting the program:

## Configuration and Settings

### Settings for the Main Program

#### > **List login**

Select this option if you want the **Login** field in the Logon window to feature a list of the last user logins registered. This option is recommended to simplify login entry if different user logins are used at the optiClient 130. If this option is not selected, the **Login** field is just an input field.

#### > **Use Windows user names**

Select this option if your optiClient 130 user name is identical to the Windows user or if you want to use the Windows user name. The name of the Windows user logged on is then entered by default as the user ID in the logon mask. If this option is not selected, the login of the last user logged on appears by default in the logon mask.

#### > **Location to be selected**

If you select this option, an additional field for selecting a location will appear in the logon mask. If this option is not selected, there are no location-specific administration functions available in the Logon dialog.

Activate this setting, for example, if you want to use the same user ID at different locations. Location-specific parameters are therefore considered during logon.



Location-specific information is always necessary for user logon. Consequently, the **Location** field may only be masked out in the Logon mask if only **ONE** location is used. The field cannot be masked out unless this location is entered the first time a user logs on.

#### > **Language to be selected**

If you select this option, an additional field for selecting the mask language will appear in the Logon mask. Select this setting, for example, if staff members with different native languages operate optiClient 130 on one PC.

#### > **Configuration alternatives**

Use this setting to define whether and which configuration alternatives are available to a user when logging on to optiClient 130. The following options are available:

##### – **Accept settings and Location-/User management**

The management functions appear in the Logon dialog when you click **Manage**:

- Settings
- Add/Copy/Delete/Change login
- Change password
- Add/Copy/Delete/Change location (provided **Location to be selected** is active)

##### – **only accept settings**

The entries Settings and Change password only appear in the Logon dialog if you click **Manage**. The other management functions are not available.

– **Hide settings and Location-/User management**

The entry Change password only appears in the Logon dialog if you click **Manage**. No other functions are available.

See also:

[Logging In](#)

> **LIN mode**

This option controls how an LIN (Local Identification Number) is entered in the logon mask. The LIN is used - for example, to pinpoint emergency calls - for the local assignment of buildings, building section numbers, etc. You can choose between:

– **suppressed (no entries)**

The LIN field is omitted from the logon mask.

– **optional (empty entry field)**

The LIN field appears blank in the logon mask and can remain blank for logon.

– **optional (display last entry)**

The LIN field appears in the logon mask, the LIN from the last logon is set by default, the field can be left blank for logon.

– **mandatory (empty entry field)**

The LIN field appears blank in the logon mask and must be filled out for logon.

– **mandatory (display last entry)**

The LIN field appears in the logon mask, the LIN from the last logon is set by default, the field must be filled out for logon.



If no password has been stored for a user, optiClient 130 is started directly without a login dialog. If you want to see the Login dialog in any case, but do not wish to assign a password, you may optionally select the LIN option (empty input field) here. The Login dialog will then appear on starting the program.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

### 4.2.3 **Settings for Ending the Program**



Options for editing settings for program termination are only available in the case of activation when logging on, not in the case of activation during live operation.

To edit options for ending the optiClient 130 program, select **Main program - End of program**.

## Configuration and Settings

### Settings for the Main Program

#### Display of options



You can define how the optiClient 130 behaves when the program is ended:

> **Prevention on active connections**

This option prevents the termination of the optiClient 130 program if a connection is still active.

> **Warning on active connections**

If a connection, for example, a telephone call, is still active, a warning appears when the optiClient 130 program is ended. If you persist with ending optiClient 130, the connection is also ended.

> **Also possible with active connections**

If a connection, for example, a telephone call, is still active, this connection is ended without warning together with optiClient 130 when the optiClient 130 program is ended.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

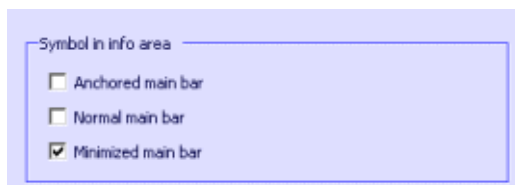
## 4.2.4 Settings for Display in the Info Area



Options for editing settings for the info area display mode are only available in the case of activation when logging on, not in the case of activation during live operation.

To edit options that are relevant for the optiClient 130 icons in the **info area**, **select Main program - Info area**

### Display of options



- > Depending on the current display mode set for the main bar in optiClient 130, you can set whether **an icon appears in the info area for optiClient 130 under** Symbol in info area:
  - **Anchored main bar**  
An entry is made if the main bar is anchored at the top of the screen.
  - **Normal main bar**  
An entry is made if the main bar can be freely positioned and is not minimized.
  - **Minimized main bar**  
An entry is made if the main bar is minimized.

For more information on main bar display options, see the section [The optiClient 130 Main Bar](#).



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

## 4.2.5 Settings for Changing the Connection Status



Options for editing settings for changing the connection status are only available in the case of activation when logging on, not in the case of activation during live operation.

Depending on the display mode set for optiClient 130 in normal mode, you may want the display mode to reflect a change of connection status. For example, if the main bar is minimized in connection-free status, you can enter a setting that places optiClient 130 back on top in the case of incoming or outgoing calls.

To edit these options, select **Main program - Change of connection status**.

### Display of options

Section	to (seconds)	from
Without connection	60	(no changes)
Connection setup	0	normal/positioned
Active connection	0	(no changes)
Connection request	0	normal/positioned

- > You can define the optiClient 130 display mode for every connection status. The following connection statuses exist:
  - **Without connection**  
Connection-free status (no connection request, no connection setup, no active connection).
  - **Connection setup**  
You set up a connection to another station, for example, a call connection, by dialing a call number.
  - **Active connection**  
A connection is active, for example, a call is in progress.
  - **Connection request**  
You receive a connection request, for example, a caller is calling you.

- > When changing the connection status, you can define how optiClient 130 displays each individual connection status. The display mode can change to:
  - **(no changes)**  
The current display is not modified.
  - **normal/positioned**  
The main bar is displayed in the state which was valid before minimizing (either normal or positioned). optiClient 130 is therefore always visible on the desktop again.
  - **minimized/hidden**  
The main bar is minimized or hidden. The main bar is hidden if you did not select icon display in the settings for the info area (cf. the section [Settings for Display in the Info Area](#)).
- > The time entered after the **to** field specifies the number of seconds before the required display mode should be complete following a change of connection status. This setting ensures that optiClient 130 is automatically minimized/hidden again within a certain time period after a connection has ended.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

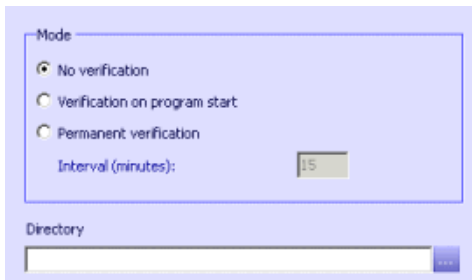
## 4.2.6 Settings for Program Updating



Options for editing settings for program updating are only available in the case of activation when logging on, not in the case of activation during live operation.

You can make various settings under **Main program - Program update** to configure automated searches for optiClient 130 program updates:

### Display of options



- > **No verification**  
Program updates are not verified.
- > **Verification on program start**  
When the optiClient 130 program starts, the memory location specified under **Directory** is searched for an updated version of the optiClient 130 program.
- > **Permanent verification**  
When operating optiClient 130, the memory location specified under **Directory** is searched at the fixed intervals set under **Interval (minutes)** for an updated version of the optiClient 130 program.
- > **Directory**  
Memory location where the program update is expected to be found. Enter the folder in the input field or click ... and select it in the ensuing dialog.

[Updating the Program](#) describes how to proceed when a program update is found.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).



## 4.2.7 Settings for Central Configuration

In cases where a Deployment Service (DLS or central configuration) is available on the network for an optiClient 130 installation, the settings for the optiClient 130 can also be stored centrally. In such cases, the parameters for accessing the central configuration must be entered in the optiClient 130 so that the centrally stored parameters can be used.

To edit the settings for the central configuration, open **Main program - Central configuration**.

### Display

Use central configuration

DLS Server:

DLS Port:

DLC Port:

- > If a central configuration is available for your installation, enable the option **Use central configuration**.
- > Enter the IP address for the **DLS Server** and the relevant port numbers. The **DLS Port** is the port number used for accessing the central server. **DLC Port** is the local port number where the optiClient 130 PC responds to queries from the central server.



These settings are entered by default if you specified that a central configuration would be used (where applicable, also by specifying the server) during optiClient 130 installation.



Please refer to the section [Starting optiClient 130 for the First Time with Active Central Configuration \(DLS\)](#) for special information on using the central configuration for configuring or logging on users for the first time.

## Configuration and Settings

### Settings for User Interface Modules

## 4.3 Settings for User Interface Modules



The options described here for user interface modules apply to the standard installation of optiClient 130.

You can edit the following options for user interface modules:

- [Settings for Audio Control](#)
- [Call List Settings](#)
- [Settings for Directories/Address Books](#)
- [Settings for the Phone](#)
- [Settings for the easyCom Communication Circle](#)
- [Settings for Contact list and Contact directory](#)
- [Settings for the Webbrowser](#)

### 4.3.1 Settings for Audio Control



Options for editing the general settings for Audio Manager are only available in the case of activation when logging on as these settings must have been loaded during user logon and changes are not possible during live operation without restarting optiClient 130 (see also [Logging In](#)).

Audio devices such as the Siemens optiPoint handset (and possibly headset) are provided for conducting calls. Define the various basic settings to operate the available audio devices correctly. To edit these settings, select **User interface modules - Audio Manager**. You can edit settings for the following:

- [Audio Schemes](#)

#### 4.3.1.1 Audio Schemes

The hardware settings, for example, for voice outputs or ringers are grouped together in audio schemes. You can add, change or delete different audio schemes. You can therefore easily program different audio options (for example, at different locations) and then select the appropriate scheme for operation. To edit/select audio schemes, select **User interface modules - Audio Manager - Audio Schemes**:

## Display



### Selecting an audio scheme

- > To select an audio scheme for operation, click the one you want in the list of audio schemes. It is then selected.

### Adding an audio scheme

- > After clicking **Add**, enter the **Description** of the audio scheme and define the appropriate audio hardware for
  - **Voice channel**  
Audio hardware for voice output
  - **Signal channel**  
Audio hardware for signal output (ringers)
  - **Controller**  
Additional functions to control special hardware functions

All audio hardware components available locally are indicated in the list boxes. The items listed in brackets ( ) are displayed for your own information: audio hardware components that are not available locally but configured in (another) audio scheme or audio controls.

### Changing or deleting an audio scheme

- > Click **Change** to edit the settings for the selected audio scheme, click **Delete** to remove the selected audio scheme.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

## Configuration and Settings

### *Settings for User Interface Modules*

#### **Audio scheme sequence**

You can use the audio scheme sequence to influence the required/necessary audio hardware selected. After user logon, optiClient 130 checks the audio hardware specified in the audio schemes and processes the schemes one after the other from top to bottom. If all components set for a scheme are available and ready for operation, this scheme is used for operating optiClient 130.

You can change the sequence of an audio scheme with the buttons **up** and **down**.

## 4.3.2 Settings for the Phone

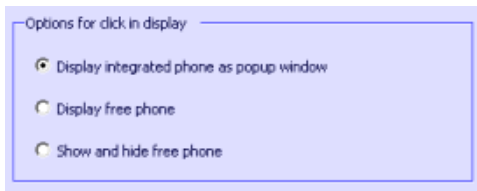
The phone module controls the integrated and free phone in optiClient 130. Select **User interface modules - Phone**. You can define settings for the following:

- [Integrated Phone](#)

### 4.3.2.1 Integrated Phone

While the integrated phone's display is part of the main bar, the associated function, dialing, and dialog keys are not normally visible (depending on the individual setting). Under **User interface modules - Phone - Integrated phone** you can define which action should be performed when you click the display on the main bar.

#### Display



- > The selected option lets you control display behavior by clicking the integrated phone's display. The following options are available:
  - **Display integrated phone as popup window**  
If you click the display, the function, dialing, and dialog keys appear on the display as a popup window (as individually set). The keys can then be operated as usual in the window. The popup window containing the keys disappears as soon as you click another window.
  - **Display free phone**  
If you click the integrated phone's display, the free phone opens (as individually set). If the free phone is already open, you switch to this window.
  - **Show and hide free phone**  
If you click the integrated phone's display, the free phone opens (as individually set). If the free phone is already open, it is now closed.

## 4.3.3 Settings for the Device State

The Device state module is responsible for the Telephony and Forwarding menu in the optiClient 130 main bar. If the module is present, no additional settings are needed, so no parameters are offered for editing.

## Configuration and Settings

### Settings for User Interface Modules

#### 4.3.4 Call List Settings



Options for editing settings for call lists are only available in the case of activation during live operation, not in the case of activation when logging on. The scope of parameters available depends on the connected communication system.

To edit call list settings, select **User interface modules - Call lists**. You can define settings for the following:

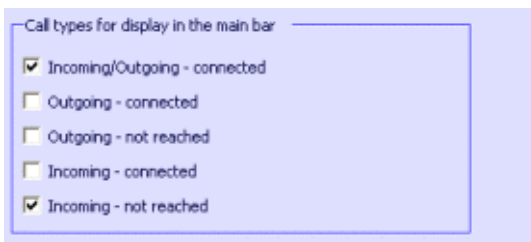
- [Call Types](#)

##### 4.3.4.1 Call Types

All call lists for incoming or outgoing connections or connection requests supplied by the communication system connected can be viewed in the Call List Administration in optiClient 130. The Call List Administration can always be activated via the Module menu in optiClient 130 and any call lists available here can be selected.

You can program buttons in the optiClient 130 main bar for fast access to the Call List Administration for specific call lists. Apart from the call list icon, these buttons also show the number of calls in the relevant list. To configure the buttons, select **User interface modules - Call lists - Call types**:

##### Display of options



Depending on general availability of call lists on the part of the communication system, the following types of call lists can be selected:

- **Incoming/outgoing - connected**
- **Outgoing - connected**
- **Outgoing - not reached**
- **Incoming - connected**
- **Incoming - not reached**



You do not have to activate all options to access all call list types. You can switch between the individual call list types in the Call List Administration.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

### 4.3.5 Settings for Directories/Address Books

A number of settings must be made for accessing central and local directories to work with directories and address books in optiClient 130. Access is basically possible from the following directories/address books:

- **Outlook, Private Contacts**  
This directory contains all entries from the contacts folder associated with your local Microsoft Outlook installation (if installed). You can configure if the Outlook Contacts information should be available as a directory.
- **Exchange Server (global address book)**  
This directory contains all entries from the global address book associated with Microsoft Exchange Server (if installed). You can configure the access information.
- **Lotus Notes, Private Contacts**  
This directory contains all contacts from the contacts folder associated with your local Lotus Notes installation (if installed). Here you can configure if the Lotus Notes contact information should be available as a directory in optiClient 130.
- **LDAP directories**  
You can configure access to random LDAP directories available in the network here.

To edit these settings, select **User interface modules - Directories/address books**. You can define options for the following areas:

- [General](#)
- [Column Selection](#)
- [Directory Selection](#)

#### 4.3.5.1 General

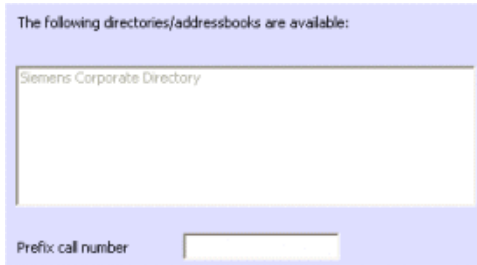
For general settings for directories/address books, select **User interface modules - Directories/address books - General**.

- > All directories configured are listed.

## Configuration and Settings

### Settings for User Interface Modules

#### Display of options



The following directories/addressbooks are available:

Siemens Corporate Directory

Prefix call number:

- > Depending on how the connected communication system is configured, it may be necessary to enter a specific call number prefix in order to dial directly from the directories. This is entered in the **Call number prefix** field. This prefix is entered in front of call numbers when dialing from all of the directories configured.

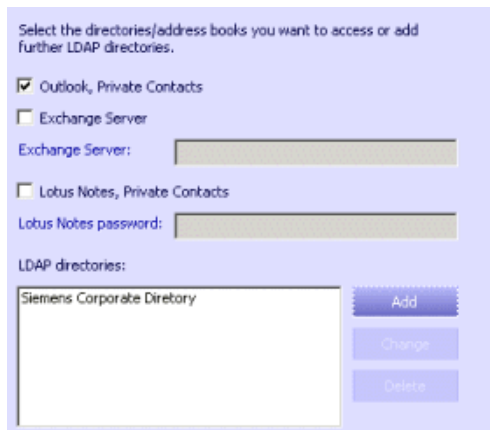


General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

#### 4.3.5.2 Column Selection

Define the column information to be displayed in the optiClient 130 directory under Advanced Settings. Select **User interface modules Directories/address books - Column selection**.

#### Display



Select the directories/address books you want to access or add further LDAP directories.

Outlook, Private Contacts

Exchange Server

Exchange Server:

Lotus Notes, Private Contacts

Lotus Notes password:

LDAP directories:

Siemens Corporate Directory

Add

Change

Delete

You can change the sequence of the columns directly in the directory administration (cf. [The optiClient 130 Directories](#)).



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).



### 4.3.5.3 Directory Selection

Select the directories to be accessed in the Directory settings.

#### Display of options



- > If Microsoft Outlook is available locally, you can integrate the information from the Outlook Contacts folder as a directory by activating the option **Outlook, Private Contacts**.
- > Activate the option **Exchange Server** if you want the Microsoft Exchange Server's global address book to be available as a directory. Then enter the name or the IP address of the Exchange Server.
- > If Lotus Notes is available locally, you can make the contacts in the Contacts directories available as a directory in optiClient 130 by activating the option **Lotus Notes, Private Contacts**. If you have a **Lotus Notes password**, enter it now.
- > **LDAP directories** can be added to the network if there are any available.

#### Adding/editing an LDAP directory

Select **Add** or **Edit**. The LDAP server configuration dialog appears:

#### Display

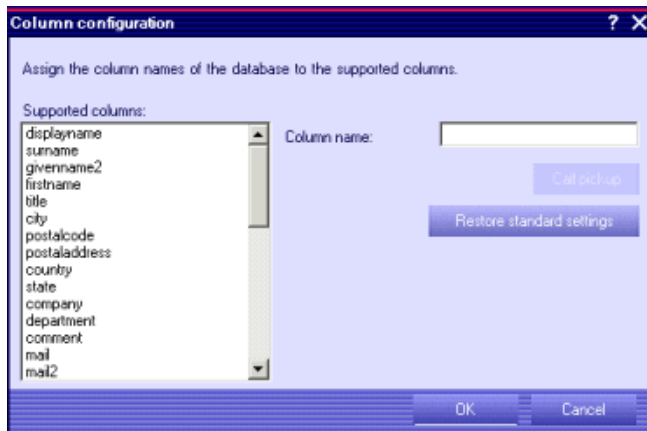


## Configuration and Settings

### Settings for User Interface Modules

- > Enter a unique **Id** and a **Description** for the directory. The ID cannot be modified in the edit window (output field).
- > Enter the name or the IP address of the LDAP server under **Server** and the associated port number under **Port** (default 389).
- > If you only want a subset of the LDAP directories to be accessible, you can enter an LDAP **Base DN** here.
- > If the relevant LDAP directory prompts you to enter an authentication code in the course of access, enter the **User ID** and the **Password**.
- > To display the LDAP entries properly in optiClient 130, you must ensure that the names of the fields in the LDAP directory in optiClient 130 are correctly assigned. You can check and modify these settings by clicking the **Extended** button. The **Column configuration** dialog opens where you can assign the **Supported columns** in optiClient 130 to the **Column name** in the LDAP server. The assignment already displayed is the default setting. For the optiClient 130 fields **surname** (name) and **firstname** (first name), the corresponding field name must be entered in the LDAP directory.

## Display



The LDAP field names and the optiClient 130 column names are known to the optiClient 130 or LDAP server administrator.

## Deleting an LDAP directory entry

- > To delete an entry from the list of LDAP directories available, select the LDAP directory and the click **Delete**. The entry is deleted.

### Base DN for an LDAP directory

In the case of LDAP server configuration, you can set a specific base in the **Base DN** field as the starting point when searching for/displaying optiClient 130 entries in this LDAP directory. Two alternative formats are available for making the entry:

- `<Level name 3>=<Name>, <Level name 2>=<Name <Level name 1>=<Name>`
- or**
- `<Level name 1>=<Name>/<Level name 2>=<Name>/<Level name 3>=<Name>`

Example of an LDAP directory with the following elements:

- Name Level 1: `c` (e.g., for "country")  
Name of an entry on this level: `DE`
- Name Level 2: `o` (e.g., for „organization“)  
Name of an entry on this level: `SIEMENS`
- Name Level 3: `ou` (e.g., for „organization unit“)  
Name of an entry on this level: `ICN`

Enter the following in the **Base DN** field to set this base as the search basis:

`ou=ICN, o=Siemens, c=DE`

or alternatively

`c=DE/o=Siemens/ou=ICN`

If no restrictive Base DN is defined, the complete LDAP directory is the Base DN.



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

### 4.3.6 Settings for the easyCom Communication Circle

The easyCom communication circle provides an additional module which allows you to use the telephony functions. It is based on an intuitive graphic communication circle, where you can choose various options. Under **User interface modules - easyCom** you can change the settings for

- [Symbols](#)
- [Image](#)

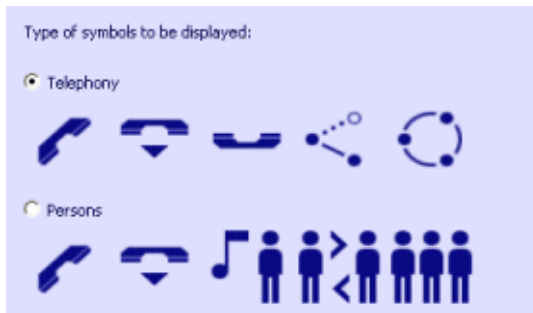
## Configuration and Settings

### Settings for User Interface Modules

#### 4.3.6.1 Symbols

Under **User interface modules - easyCom - Symbols** choose the symbols that you want to use in the easyCom communication circle to show the call status:

##### Display of options

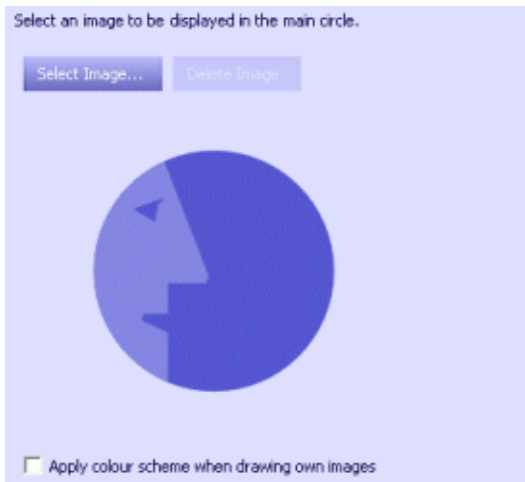


- > You can choose symbols in one of two styles: **Telephony** or **Persons**. The symbols shown are only a few examples - not the complete range. The section [Function Symbols of easyCom and their Meaning](#) provides a complete overview of the icons used by both models.

### 4.3.6.2 Image

Under **User interface modules - easyCom - Image** you can choose an image to represent your central communication circle:

#### Display



- > You can click **Select image** and use the file browser to choose your own image file, which optiClient 130 then uses instead of the standard image (a head, in profile).
- > If you want the selected image to be represented in colors that match the current color scheme, enable the option **Apply color scheme when drawing own images**. If this option is disabled, the image will appear in optiClient 130 in its original state.

### 4.3.7 Settings for Contact list and Contact directory

There are no setup options for the contact list and the contact directory.

### 4.3.8 Settings for the Webbrowser

In day-to-day operation you can open frequently-used internet pages quickly in the optiClient 130 Webbrowser window, without having to leave the optiClient 130. The selectable Web addresses are configured here and then offered as selections in the Webbrowser window. In the settings for the Webbrowser under **User interface modules - Webbrowser** you can decide which internet pages will be available for selection.

#### 4.3.8.1 Internet Pages

Open **User interface modules - Webbrowser - Internet pages**.

## Configuration and Settings

### Settings for User Interface Modules

#### Display

Name	Address
Siemens	http://www.siemens.com
google	http://www.google.de

To add an Internet page, enter a name and the Web address here.

Name:

Address:

- > The configured Web pages are listed with the **Name** and **Address**. The current default page for the Webbrowser window is marked by a star on the extreme left.
- > To enter another address, select **Add** and enter **Name** and **Address**.
- > To edit an address, mark it and click **Change**.
- > You can also delete addresses. Do this by marking the entry and clicking **Delete**.
- > The start address for the Webbrowser window in optiClient 130 can be defined by marking the required entry and then clicking **Set as default page**.

## **4.4 Settings for Provider Modules**

Provider modules is the term used in optiClient 130 to designate the modules that enable optiClient 130 to communicate with a connected communication system, which in turn provides access to specific media services on the network. Communication systems typically enable you to

- use telephony services (e.g., with PBX systems such as HiPath 3000/4000/5000)
- send emails
- operate desktop telephony devices with optiClient 130

Special settings must be configured to ensure smooth access to the communication system and associated communication services. The type and scope of these settings depend on the communication system.

The specific provider modules available in optiClient 130 depend on the prevailing situation on site (Installation/Licensing, etc.), so not all of the settings for provider modules described here may be relevant for "your" optiClient 130:

- If the optiClient 130 is directly connected to the HiPath 3000/4000/5000, you will find a description of the settings for optiClient 130 in the section [Settings for the HiPath Provider on HiPath 3000/4000/5000](#).
- If you are using desktop telephones (connected to a HiPath 3000/4000/5000) over optiClient 130, you will find a description of the settings for optiClient 130 in the section [Settings for the CTI Provider on HiPath 3000/4000/5000](#).
- [Settings for the Sendmail Provider](#)

### **4.4.1 Settings for the Sendmail Provider**

To send email directly to a contact from one of the directories or from the Contact list, you will need the Sendmail Provider. This starts the mail client (e.g., Outlook) that is installed / configured on the PC and uses the email address of the contact as the recipient address for a new email message.

The Sendmail Provider module is added by default after the optiClient 130 is started up and can thus be used. At present, there are no further settings to configure for the Sendmail Provider. Therefore, when you choose **Settings - Provider modules - Sendmail Provider**, no configuration parameters appear.

## Configuration and Settings

### *Settings for Provider Modules*



In order to send email directly for a contact from the optiClient 130, the following conditions must be satisfied:

- A standard mail client (e.g., Outlook) is installed and configured on the optiClient 130 PC
- The module for the Sendmail Provider has been added to the Provider modules.
- The related contacts in the directory or contact list have an email address, which is chosen for direct sending.



## 4.5 Settings for Manager Modules

The following settings should be edited for Manager modules:

- [Settings for the Keyboard Manager](#)
- [Settings for the ScreenSaver Manager](#)

### 4.5.1 Settings for the Keyboard Manager

You can edit the following parameters for optiClient 130 keyboard support:

- [Key Assignments](#)

#### 4.5.1.1 Key Assignments



Options for editing settings for key assignments are only available in the case of activation when logging on, not in the case of activation during live operation.

You can program hotkeys to accept connection requests or disconnect connections with key assignments in optiClient 130's Keyboard Manager. Hotkeys can be useful, for example, if you use your keyboard intensively and prefer to use specific keys for these functions. Select **Manager modules - Keyboard Manager - Key assignments**:

#### Display

System-wide keyboard tokens (Hotkeys)

Accept audio connection:

Disconnect audio connection:

- > Define the keys or key combinations to **Accept Audio Connection** or **Disconnect Audio Connection** under **System-wide keyboard tokens (Hotkeys)**. Entries are made by pressing the required keys in the input field, in this example, by pressing **F2** or **F11**.







System-wide in this case means that no other application that is running on your PC at the same time as optiClient 130 will respond to these keys. Make sure that you do not enter any keys or key combinations used by other programs or Windows for functions that you want to use (for example, the Space key).

- > Valid Keys / Key combinations are:
  - **F2** to **F11**,  
also in combination with the keys **↑** (**SHIFT**) or **Strg** (**CTRL**)
  - the alphabetical keys **a** - **z** and **A** - **Z** and the number keys **0** - **9**,  
also in combination with the keys **Strg** (**CTRL**)

## Configuration and Settings

### Settings for Manager Modules

- the key combination  +  or  + 



General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

## 4.5.2 Settings for the ScreenSaver Manager

optiClient 130 comes with its own screen saver which can be activated as the default screen saver for Windows. Incoming calls can be accepted and an individually-defined speed-dial number can be dialed when the optiClient 130 screen saver is active. You can edit the following parameter for the optiClient 130 screen saver:

- [Settings](#)

### 4.5.2.1 Settings

The following settings are possible for the optiClient 130 screen saver under **Manager modules - ScreenSaver Manager - Settings**:

#### Display



- > If you want to use the optiClient 130 screen saver as the default screen saver, activate **Activate as default screensaver**.



To use the special features of the optiClient 130 screen saver (call acceptance, speed-dial number), this screen saver must be activated here. Selecting the optiClient 130 screen saver in the Windows Display properties does not activate these specific functions.

- > If you lock your computer at the same time as activating a screen saver, the screen saver does not activate until a specified period of time elapses. If you activate the option **Activate if computer is locked**, the optiClient 130 screen saver automatically activates 10 seconds after you lock the computer. These settings let you at least dial the configured speed-dial number when the screen saver is active.
- > Save the number to be dialed when the screen saver is active in the **Speed-dial number** field.



For information on operating the screen saver, see the section [The optiClient 130 Screen Saver](#).

General information on navigating within the **Settings** dialog can be found under [Navigating the Dialog Settings](#).

**Configuration and Settings**  
*Settings for Manager Modules*

## 5 The optiClient 130 Directories

This section describes how to use the optiClient 130 directories:

- [General Information](#)
- [Working with the Contact Directory](#)
- [Working with Other Directories](#)



For more detailed information on general display options in the directory window, please see the section [Display Options for the optiClient 130 Module Window](#).

### 5.1 General Information

#### Contact directory

optiClient 130 maintains an internal and individual contact directory for every user. You can create and edit entries in the contact directory in optiClient 130. Section [Working with the Contact Directory](#) explains how to work with them.

#### Other directories

In addition, depending on their availability on the network or on the local optiClient 130 PC, further central / local **directories** may be integrated in the optiClient 130 for users to view and search. They can use them to search for contacts and make a direct connection to selected contacts.

Depending on availability on the network or on the local PC, the optiClient 130 has further directories available for viewing, searching, and making connections. You cannot make changes to these directories on the optiClient 130, since they are edited either centrally or with the help of other applications. The following basic directories are available on the optiClient 130 :

- **Outlook, Private Contacts**  
This directory contains all entries from the contacts folder associated with a local Microsoft Outlook installation. This directory only available if Outlook is installed or if this directory is configured for your user.
- **Exchange Server**  
This directory contains all entries from the global address book associated with Microsoft Exchange Server. This directory only available if Exchange Server is installed or if this directory is configured for your user.

## The optiClient 130 Directories

### *Working with the Contact Directory*

- **Lotus Notes, Private Contacts**

This directory contains contacts from a local Lotus Notes installation. If Lotus Notes is not installed or if this directory is not configured for your user, this directory is not available.

- **LDAP directories**

If LDAP directory services are generally available in the network and were configured in the user settings, these directories are available under the configured name (for example, "Siemens Corporate Directory"). You can also configure the application and use of several LDAP directories here.

## 5.2 Working with the Contact Directory

This section provides detailed information on using the contact directory in optiClient 130:

- [Opening and Closing the Contact Directory](#)
- [Editing Entries in the Contact Directory](#)
- [Searching in the Contact Directory](#)
- [Direct Contact from the Contact Directory](#)

### 5.2.1 Opening and Closing the Contact Directory

#### Opening the contact directory

1. To open the contact directory, select the menu item **Contact directory** from the optiClient 130 Module menu.
2. A window opens, showing the contacts you entered.

## Display



## Closing the contact directory

- > To close the contact directory, click the corresponding symbol on the title bar of the window.



The current window status is saved on exiting optiClient 130. When the optiClient 130 restarts, the contact directory window is again opened / arranged as before.

## 5.2.2 Editing Entries in the Contact Directory

### 5.2.2.1 Adding a New Contact

#### Adding a contact manually to the contact directory

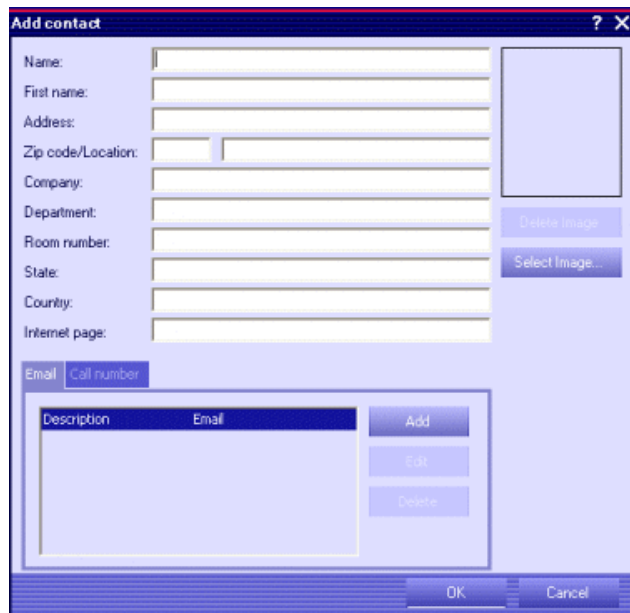
To add a new contact, do the following:

- > Open the context menu in the contact directory and then click **Add**.

## The optiClient 130 Directories

### Working with the Contact Directory

## Display



- > Enter the master data for the contact in the text boxes.
- > When you click the **Select Image** button, a file browser appears, where you can select the appropriate image file to assign to the Contact.

## Entering communication addresses

For every contact, you can enter any number of communication addresses (call numbers of email addresses):

- > When adding a contact, choose the **Call number** tab, then choose **Email** , and then click **Add**.
- > In the window that appears, type a **Description** e.g., "business" or "office", etc., together with the actual **Call number** or **Email** address. The description helps you distinguish between the various call numbers / email addresses for a contact, and appears in the context menu for the contact.
- > Save with **OK**. You are returned to the window for entering contacts.



You can enter the **Call number** by using valid characters in any format, e.g., as an internal extension number, with a local area code / external number or even in canonical format. Your number will be internally converted to canonical format, e.g., +49 (02302) 6671234 and saved accordingly, but will always be displayed in the format in which it was entered by you. This ensures that you can always work in the same way with "your" contact directory, regardless of your location. When you enter an **Email address**, its format is verified.



### Importing a contact from other directories/call lists

You can import contacts from other optiClient 130 directories or from a call list directly into your contact directory without having to type the individual entries manually.

- > To do this, ensure that the relevant source directory or call list and your contact directory are open and visible on the desktop.
- > To use Drag & Drop, mark the entry to be imported in the directory/call list, drag it to the contact directory window and release the mouse button. Alternatively, open the context menu in the contact directory and then click **Add to contact directory**.
- > optiClient 130 imports the available information of the entry into the **Add contact** window of the contact directory. The existing contact addresses are also copied, and the description of the communication address is set to the column title of the source directory/call list.

### Importing contacts from the current connection via Drag & Drop

You can also import contact data for the current call partner directly into the contract directory without entering the available information by hand:

- > During the call, drag the contact data from the display to the contact directory and release the mouse.
- > The contact is entered under the appropriate name in the contact directory (if available/ shown on the display). The current call number of the communication partner is saved as the communication address.



A new manual entry in the contact list automatically generates a corresponding entry in the contact directory.

#### 5.2.2.2 Creating a Contact in the Contact List

When you create a new contact in the contact list, this contact is automatically stored in the contact directory as well. Contacts created in this way can also be edited in the contact directory.

See also:

[Working with the Contact List](#).

#### 5.2.2.3 Editing a Contact

- > Open the context menu for the appropriate entry, and then click **Edit contact**.
- > Edit the master data for the contact in the window that appears.

## The optiClient 130 Directories

### *Working with the Contact Directory*

- > You can click **Delete Image** to delete the associated image, or click **Select Image** to assign a different image file.

### **Editing or deleting communication addresses**

You can also edit the communication addresses (email addresses / call numbers) of a contact.

- > Click the **Call number** tab or the **Email** tab.
- > Select the desired entry and then click **Edit contact** to edit it. You can now change the **Description** and the **Call number** or the **Email** address. The description helps you distinguish between the different call numbers/email addresses for a contact, and appears in the context menu for the contact. Click **OK** to save it. You return to the Contact window.
- > To delete an entry, click **Delete contact**. Following a confirmation prompt, the communication address is deleted.

#### **5.2.2.4 Deleting a Contact**

- > To delete a contact together with all the associated media contact data, open the context menu for the relevant entry and then click **Delete contact**. Following a confirmation prompt, the contact is deleted.



If one or more entries are recorded in the contact list for the contact, these are also deleted from the contact list.

### **5.2.3 Searching in the Contact Directory**

For a name search, enter the search name in full or in part under **Name**. After every character you enter, the cursor is positioned at the first matching entry in the contact directory.

### **5.2.4 Direct Contact from the Contact Directory**

Once you find the desired name in the contact directory, you can call that party or send an email (provided these communication addresses have been entered):

#### **Direct call to a subscriber from the contact directory**

To make a direct connection with the contact, you have the following options:

- > In the **Call number** list or the **Email** list, all existing call numbers / email addresses for the contact are listed. Select the call number you want and then click **Dial**.
- > Open the context menu for the contact. Beside the telephone symbol, all existing call numbers, with their associated descriptions, are shown. Select the call number you want.

- > To establish a connection to the first call number entered for a contact:
  - drag the entry into the display of the optiClient 130 telephone
  - or drag the selected contact to the easyCom communication circle or the **Connection** field in the easyCom window (provided that the easyCom window is open).

If multiple call numbers have been entered for the contact, a small menu with all the recorded call numbers appears. You can then select the desired call number from the list by clicking on it.

optiClient 130 sets up the connection.

### **Sending a Direct Email to a contact from the contact directory**

To send an email directly to a contact, you have the following options:

- > In the **Email** list or the **Call number** list, all existing email addresses / call numbers for the contact are listed. Select the email address you want, and click **Send**.
- > Open the context menu for the contact. All existing email addresses appear in the lower region. Select the one you want.  
See also: [Settings for the Sendmail Provider](#)

optiClient 130 opens the standard mail client installed on the PC, using the selected email address as the recipient address.

## **5.3 Working with Other Directories**

In addition to the contact directory, you can also use further directories, for example, LDAP directories, with contacts, depending on their availability (on the network/locally) and the directory configuration in optiClient 130. This section provides detailed information on using these directories in optiClient 130:

- [Opening and Closing Directories](#)
- [Searching the LDAP Directory](#)
- [Initiating Direct Contact from the Directory](#)
- [Displaying Detailed Subscriber Information](#)

See also:

[Settings for Directories/Address Books](#)

### **5.3.1 Opening and Closing Directories**

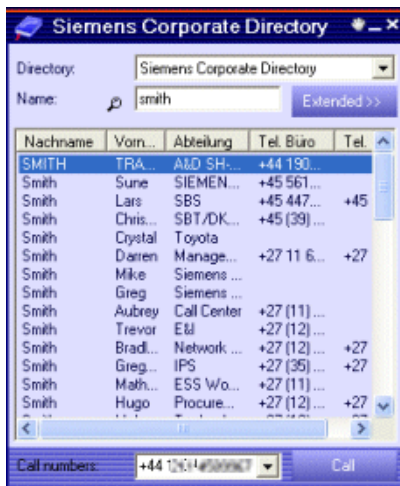
#### **Directory, opening**

## The optiClient 130 Directories

### Working with Other Directories

1. To open a directory window, select **New directory** from the optiClient 130 Module menu.
2. A directory window opens showing "All directories". You can specify the configured directory to which your search queries refer in the **Directory** field. The configured directories can be selected individually or collectively (**All Directories**).

### Display



You can also open more than one directory window, for example, to display each available directory in a separate window.

### Closing a directory


- > To close a directory window, click the close icon in the window's title bar.



The current status of your optiClient 130 directory window is saved when you exit optiClient 130. The directory window is reopened/rearranged accordingly when you restart optiClient 130.

## 5.3.2 Searching the LDAP Directory

### Name Search

- > For a simple name search, enter the search name in full or part under **Name**. The search is either initiated automatically after a waiting time or by clicking . A rotating magnifying glass indicates that a search is in progress.
- > The system searches for entries based on the search string and displays hits in the list.

### Special features when searching LDAP directories

When using an LDAP directory, searches can be performed for parts of a last name and parts of a first name. For example, if you enter "schmi m" the system searches for all entries with last names beginning with Schmi and first names starting with M (entries are not case-sensitive).



If a search term separated by a space character is entered, optiClient 130 will interpret the portion before the space character as the Last Name and the portion after the space character as the First Name. Consequently, in cases where the last names include multiple words, e.g., "van der Falk", you should use the advanced search options.

## Extended Search

With the Extended Search function, you can run searches not only based on names, but also other search criteria.

- > Select **Extended >>** in the directory window. The Extended Search dialog opens in the directory window.

## Extended Search dialog



- > A search field is provided for every search criterion. The example displayed shows a search for names beginning with "schmi" from a department starting with "ICN".
- > When you click **Search** the system displays the hits below in the column view.
- > You can exit the Extended Search dialog by clicking **<<Normal**.

Only the following fields (which were also incorporated as columns in the directory display, cf. [Column Selection](#)), are available as extended search criteria:

- Name
- First name
- City

## The optiClient 130 Directories

### *Working with Other Directories*

- Postal Code
- Address
- Country
- State
- Company
- Department
- Location

### 5.3.3 Initiating Direct Contact from the Directory

You can establish a direct connection to a subscriber found in the directory:

#### **Direct call to a subscriber from the directory**

- > Click a subscriber in the hit list. The following alternatives are available for a direct call:
  - Select the call number you want in the **Call numbers** list field which contains all subscriber numbers from the hit list and click **Call**.
  - Right-click the subscriber to open the associated context menu. All the subscriber numbers displayed in the hit list are shown here. Select the call number you want.
  - To establish a connection to the first call number entered for a contact:
    - drag the entry into the display of the optiClient 130 telephone
    - or drag the selected contact to the easyCom communication circle or the **Connection** field in the easyCom window (provided that the easyCom window is open).

If multiple call numbers have been entered for the contact, a small menu with all the recorded call numbers appears. You can then select the desired call number from the list by clicking on it.

optiClient 130 establishes a connection.

#### **Sending a direct email to a subscriber from the directory**

You can send a direct email here only to subscribers for whom an email address is also stored in the directory.

- > Click a subscriber in the hit list.
- > Right-click on the subscriber to open the associated context menu and select **Send Email**. If no email address is stored in the directory for this subscriber, this command does not appear on the menu.
- > The standard email client installed on your PC opens, with the subscriber's email address in the recipient field. You can now send an email in your normal way.



- Sending email directly from the directory is **only** possible,
- if the optiClient 130 Sendmail Provider is active,
  - if an email address for the participant is stored in the directory,
  - if a functional email client is installed on your PC.

### 5.3.4 Displaying Detailed Subscriber Information

You can display all available detailed subscriber information in the search results:

- > Click a subscriber in the hit list.
- > Right-click the subscriber to open the associated context menu and select **Details**.
- > An information window appears with a table containing a compact overview of the information available in the directory on the relevant subscriber. The underlying directory is also specified (**Datasource**).

#### Display

Beschreibung	Wert
Nachname	Schmid
Vorname	Andreas
Stadt	München
PLZ	
Adresse	
Land	
Bundesland	
Firma	
Abteilung	ICN CN P E AT
E-Mail 1	schmid.andreas@siemens.com
Tel. Büro	+49 89 722 53991
Tel. Mobil	
Datasource	LDAP://139.25.214.60:389/cn=SC

### 5.3.5 Refreshing a Directory

To refresh the contact information in your local Outlook or Lotus Notes installation, you can reload the contacts into the Outlook or Lotus Notes directory.

This is done by opening/switching to the relevant directory in optiClient 130, opening a free area in the context menu and selecting **Refresh contacts**. All entries are reloaded. An information window appears on the lower right part of the screen during the refresh operation and automatically disappears once the refresh is complete.

The central LDAP directories are directly accessed in optiClient 130 and are thus always up to date in optiClient 130.

**The optiClient 130 Directories**  
*Working with Other Directories*



## 6 The optiClient 130 Contact List

The entries in the directories and in the contact folder are displayed in fixed (alphabetical) order. In your day-to-day work, however, it may be more appropriate to group contacts by task, by project or by another category. You can do this with the optiClient 130 contact list.

In the contact list, you can

- create any number of groups
- create any number of contacts
- assign any number of contacts to a group
- assign any number of groups to a contact

This section provides information on the following topics:

- [Opening/Closing the Contact List](#)
- [Working with the Contact List](#)

### 6.1 Opening/Closing the Contact List

#### Opening the contact list

- > To open a contact list, select the **Contact List** entry from the optiClient 130 module menu. The optiClient 130 contact list window opens.

#### Display



#### Closing the contact list

- > To close the contact list, click the appropriate icon on the title bar of the window.

## The optiClient 130 Contact List

### *Working with the Contact List*



The current window status is saved on exiting optiClient 130. The contact list re-opened/rearranged accordingly when you restart optiClient 130.

## 6.2 Working with the Contact List

This section provides information on the following topics:

- [Adding, Editing and Deleting Groups](#)
- [Adding, Editing and Deleting Contacts](#)
- [Assigning Contacts to Groups](#)
- [Display Options for Contact Lists](#)
- [Direct Contact from the Contact List \(Telephone/Email\)](#)

### 6.2.1 Adding, Editing and Deleting Groups

#### Add a group

- > Open the context menu in the contact list and select **Add Group**.
- > Enter the **Name** of the group and confirm your entry with **OK**. The new group appears in the contact list.

#### Changing a group name

- > Open the context menu of the group and click **Edit group**. You can the group name.

#### Removing a group

- > Open the context menu for the group and click **Delete group**. If there are still some contacts assigned to the group, these assignments are canceled, and the group is deleted. The contacts involved are retained without any changes.

### 6.2.2 Adding, Editing and Deleting Contacts

#### Add a contact and entering media data

- > Open the context menu for the group to which you want to add a contact and then click **Add Contact**.
- > You can now enter the following data in the dialog box:

- On the **General** tab, the **Last Name** and **First Name** for the contact. To add media data for a contact, switch to the **Phone number** tab or the **Email** tab.
- To add a new Phone number, on the **Phone number** tab, click **Add** and then enter the Description and the Phone number. The entry appears in the list. To edit or delete an existing Phone number, click **Edit** or **Delete**. You can enter any number of phone numbers for a contact.



You can enter the call number by using valid characters in any format, e.g., as an internal extension number, with a local area code / external number or even in canonical format. Your number will be internally converted to canonical format, e.g., +49 (02302) 6671234 and saved accordingly, but will always be displayed in the format in which it was entered by you. This ensures that you can always work in the same way with "your" contact list, regardless of your location.

- To create a new email address, click **Add** on the **Email** tab, and then enter the new Description and Email address. The entry appears in the list. To edit or delete an existing Email address, click **Edit** or **Delete**. You can enter any number of phone numbers for a contact.



When you enter an Email address, its format is verified.



A new contact list entry automatically generates a corresponding entry in the contact directory (also called the contact folder). The Contact List is thus always a subset of the contact directories.

The descriptions that you enter serve to differentiate the various phone numbers and email addresses, and appear in the extended view of the contact list and in the context menu of the contact in the Contact directory.

### Edit contact data

- > Open the context menu for the contact and then click **Edit contact**.
- > Edit the general data under **General** or the media data under **Call number** or **Email**.

### Removing a contact from the contact list

- > Open the context menu for the contact and then click **Remove contact**. The contact is removed from the contact list.



Contacts that are deleted from the contact list remain unchanged in the contact directory.

## The optiClient 130 Contact List

### *Working with the Contact List*

#### 6.2.3 Assigning Contacts to Groups

You can assign contacts in the contact list as follows:

> **Move Contact**

Use „Drag & Drop“ to move a contact. You can create an (updated) assignment by dragging a contact to a (different) group. If you drag a contact outside a group in the contact list, that contact is not assigned to any group.

> **Create (another) link to the contact**

If you hold down the **F9** key (or **CTRL** key) while you drag and drop, a new link is created for the contact and assigned directly. You can assign an individual contact or its links to different groups.

#### 6.2.4 Display Options for Contact Lists

##### **Normal view / extended view**

For groups or for individual contacts, you can choose between normal view or extended view. To do this, click the arrow symbol preceding the entry.

In **Normal view** the arrow points to the right, only group names are displayed for groups, and only First and Last names are displayed for contacts.

In **extended view**, the arrow points downwards. In the extended view for groups, all assigned contacts are displayed. The extended view for individual contacts lists all entered phone numbers and email addresses with additional information on the designation.

##### **Displaying groups in a separate window**

- > Drag a group designation from the contact list and drop it on the desktop or open the context menu of the group and select **Open Group**. A separate contact list window is automatically created for this group.
- > As with other module windows, you can position this window anywhere you want, or integrate it in the Tab view.
- > Each group can only appear in one contact list window.

##### **Dock / float contact list window at the edge of the screen**

If you drag a contact list window to the right or left edge of the desktop, the window expands to the height of the desktop, and docks on the right or left side of the desktop. This reduces the remaining desktop area available to other applications.

To float a docked contact list window, drag its title bar in from the edge of the desktop. The contact list is then displayed as a normal optiClient 130 window again.

## 6.2.5 Direct Contact from the Contact List (Telephone/Email)

### Calling a contact directly from the contact list

- > Click on the contact in the extended view. You have the following options for a direct call:
  - All entered Phone numbers appear, with the corresponding descriptions, beside the telephone symbol. Select the call number you want.
  - Drag the selected contact to the display of the optiClient 130 telephone.
  - or drag the selected contact to the easyCom communication circle or the **Connection** field in the easyCom window (provided that the easyCom window is open).

optiClient 130 sets up the connection.

### Emailing a contact directly from the contact list

- > Click on the contact in the extended view.
- > All entered email addresses appear, with the corresponding description and email address. Select the desired email address.

optiClient 130 opens the mail client installed on the PC, with the selected email address as the recipient address.



Sending email directly from the contact list is only possible

- if an email address for the subscriber is stored in the directory,
- if a standard mail client is installed and configured on your PC,
- if the optiClient 130 Sendmail Provider is active.

**The optiClient 130 Contact List**  
*Working with the Contact List*






## 7 The optiClient 130 Call Lists

This section provides information on the following topics:

- [General Information on optiClient 130 Call Lists](#)
- [Working with optiClient 130 Call Lists](#)

### 7.1 General Information on optiClient 130 Call Lists

optiClient 130 features a Call List Administration. The following calls lists are available when connected to the HiPath 3000/4000/5000:

Call list	Button
• Incoming/outgoing - connected	
• Outgoing - connected	
• Outgoing - not connected	
• Incoming - connected	
• Incoming - not connected	

For each available call list, there is a button which can be displayed by optiClient 130 on the main bar. At a glance, you can therefore see how many calls are recorded in the list and open the Call List Administration directly by clicking the button. The necessary settings for incorporating the buttons on the main bar are made in your user configuration (cf. the section [Call List Settings](#)).

Call List Administration is always accessible if a call list is available from the communication system, even if you have not incorporated any call list buttons on the main bar.

## The optiClient 130 Call Lists

### Working with optiClient 130 Call Lists

## 7.2 Working with optiClient 130 Call Lists

This section provides information on using optiClient 130 call lists:

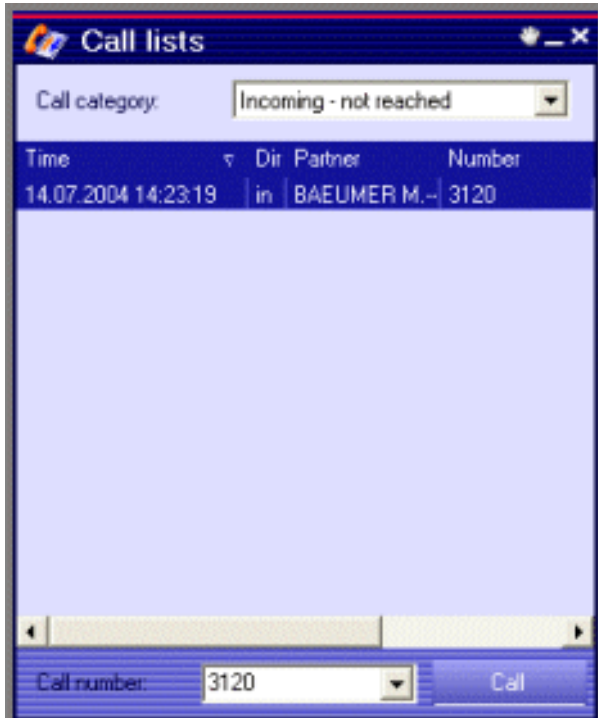
- [Opening and Closing Call Lists](#)
- [Establishing a Connection from Call List Administration](#)
- [Deleting Call List Entries](#)

### 7.2.1 Opening and Closing Call Lists

#### Opening call lists

- > If the call list button for the call list you want is integrated on the main bar, then click it. The call list opens.
- > Alternatively, open Call List Administration from the optiClient 130 Module menu with the **Call lists** entry. The **Incoming - not reached** call list is displayed.
- > If the connected communication system manages additional call lists, you can select another call list for processing purposes at any time in the **Call category** field.

#### Display (sample call list)





## Closing call lists

- > To close Call List Administration, click the appropriate icon on the window's title bar.



When you close optiClient 130, Call List Administration is also closed.

## 7.2.2 Establishing a Connection from Call List Administration

The following options are available for establishing a connection to a station in the call list:

1. Open the context menu associated with the entry in the call list (right-click). Select **Establish a connection**. optiClient 130 establishes a connection to the number stored.
2. Drag the entry in the call number field into the display of the optiClient 130 phone. optiClient 130 displays the number there and establishes a connection.
3. Click the **Call** button. optiClient 130 establishes a connection to the **call number**.

## 7.2.3 Deleting Call List Entries

### Deleting call list entries manually

If the connected communication system allows manual deletion of call list entries in optiClient 130, proceed as follows:

#### Deleting a single call list entry

- > Open the relevant call list.
- > Select the entry you wish to delete. Open the context menu and select **Delete selected entry**.
- > The entry is deleted and you are returned to the call list.

#### Deleting all entries in a call list

- > Open the relevant call list.
- > Open the context menu associated with any entry and select **Delete this list**.
- > All entries in this call list are deleted.

#### Deleting all call list entries

- > Open any call list.

## The optiClient 130 Call Lists

### *Working with optiClient 130 Call Lists*

- > Open the context menu associated with any entry and select **Delete all lists**.
- > All entries in all call lists are deleted.

### **Deleting call list entries automatically**

If you set up a callback connection to an entry in the **Incoming - not connected** call list and the partner picks up the call and thus establishes the connection, the relevant entry is automatically deleted from this call list at the end of the call.

## 8 The easyCom Communication Circle

### 8.1 General Information

The easyCom communication circle provides you with an alternative telephony module in addition to the optiClient 130 phone. This module is based on a simple and intuitive principle. The user is placed at the center of a communication circle and communicates with his or her environment. The communication partners are represented by smaller circles, which are placed at various positions, depending on the communication status. Even complex telephony functions such as callback or toggling between connections can be easily and conveniently accessed.

#### Opening the easyCom Window

To activate the easyCom window, open the Module menu and choose the **easyCom** entry. The window with the easyCom communication circle is opened.

This section provides you with information on the following topics:

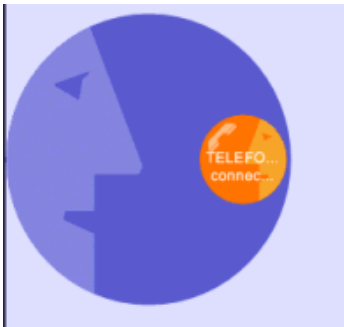
- [Elements of the easyCom Window](#)
- [Function Symbols of easyCom and their Meaning](#)
- [Making Calls with the easyCom Communication Circle](#)

See also:

[Settings for the easyCom Communication Circle.](#)

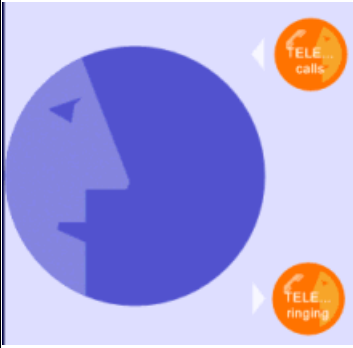
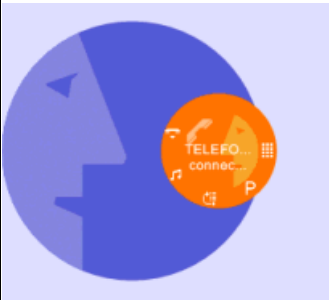

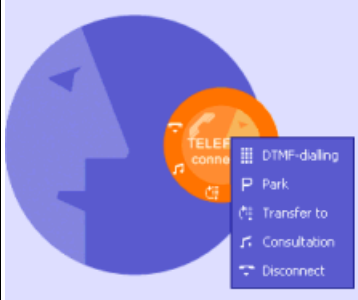
### 8.2 Elements of the easyCom Window

The following elements are displayed in the easyCom window:


Figure / Example	Meaning
	<p>The <b>own phone number</b> is symbolized by a large central circle. By default, the image used here is the profile of a head. However, you can also use your own image.</p> <p>See also: <a href="#">Settings for the easyCom Communication Circle</a></p> <p><b>Other phone numbers</b> are basically each symbolized in a smaller separate connection circle of a different color (orange in the example). Depending on the connection status, these connection circles may flash or also offer further "suitable" icons in an additional ring.</p> <p>If the connection partner is known, the full name appears in the connection circle instead of the phone number.</p>

## The easyCom Communication Circle

### Elements of the easyCom Window

Figure / Example	Meaning
	<p>Connection circles with <b>connection requests</b> are shown outside the central circle. An arrow indicates whether</p> <ul style="list-style-type: none"> <li>• an <b>incoming</b> connection request (arrow pointing towards the central circle) or</li> <li>• an <b>outgoing</b> connection request (arrow pointing away from the central circle)</li> </ul> <p>is involved.</p> <p>The connection circles <b>flash</b> during the connection request (analogous to ringing).</p>
	<p>If a(n) <b>(active) connection</b> exists, easyCom places the connection circle at the edge, within the central circle.</p>
	<p>When you place the cursor over a connection circle, an additional ring appears around it offering you the possible <b>telephony functions</b> (depending on the current connection status). The functions are represented by means of <b>symbols</b>. These symbols can be selected - depending on the setting - to be in one of two types: "Telephone" or "Persons" (the "Telephone" style is shown in the example).</p> <p>See also:  <a href="#">Settings for the easyCom Communication Circle</a>  <a href="#">Function Symbols of easyCom and their Meaning</a></p>
	<p>When you open the connection circle's context menu, easyCom offers you the possible telephony functions as menu items. The symbols are also used here in accordance with your settings.</p>

**The easyCom Communication Circle**  
*Elements of the easyCom Window*

























<b>Figure / Example</b>	<b>Meaning</b>
	In the lower area of the easyCom window you will find a <b>Call number</b> field in which you can enter the destination number or select an already dialed number for redialing from a list. You can then initiate the connection request by clicking the <b>Call</b> button.

## The easyCom Communication Circle

### Function Symbols of easyCom and their Meaning

#### 8.3 Function Symbols of easyCom and their Meaning

When you move the cursor over a connection circle, easyCom shows the available telephony functions for that connection in an additional ring with a connection circle menu. The current connection circle status determines which functions are offered there. Depending on the selected settings, the following symbols are used in easyCom for telephony functions:

Style Telephone	Style Persons	Function / Meaning
		Accept a connection request (pick up)
		Hang up or drop connection or connection request
		Hold / Initiate consultation call
		Toggle
		Set up a conference
		Expand a conference
		Delete remote party from conference
		Transfer to
		Transfer
		DTMF tone dialing
		Park
		Callback request

The same functions can also be selected via the context menu of the connection circle; the corresponding symbols appear next to the menu items.

For details on selecting symbols, see also:  
[Settings for the easyCom Communication Circle.](#)

## **8.4 Making Calls with the easyCom Communication Circle**

### **Setting up a connection**

- > Enter the destination number under **Connection** and then click **Call**
- > Using the Drag & Drop technique: drag a destination call number (from the contact list or a call list) and drop it on the easyCom window.

### **Canceling a call**

- > Move the mouse pointer over the connection circle and click on the **Hang Up** symbol in the connection circle menu that appears or select the **Hang up** menu item from the context menu of the connection circle.
- > or click **Hang Up Call** button in the optiClient 130 main bar.

### **Redialing**

Redialing the last number:

- > Click **Call**.

Redialing another dialed number:

- > Select the number from the **Connection** list box.
- > Click **Call**.

### **Hold / Initiate consultation call**

- > Move the mouse pointer over the connection circle and click on the **Hold** symbol in the connection circle menu that appears or select the **Hold** menu item from the context menu of the connection circle.

### **Setting up a conference**

- > Set up connection to station 1.
- > Set up connection to station 2.
- > Move the mouse pointer over the connection circle of station 2 and click on the **Initiate Conference** symbol in the connection circle menu that appears or select the **Initiate Conference** menu item from the context menu of the connection circle.

## The easyCom Communication Circle

### *Making Calls with the easyCom Communication Circle*

#### **Transfer / Hand Over**

Transfer (direct):

- > Enter the destination number under **Connection** .
- > Move the mouse pointer over the connection circle and click on the **Hand Over** symbol in the connection circle menu that appears or select the **Hand Over** menu item from the context menu of the connection circle.

Handing over station 1 to station 2:

- > Move the mouse pointer over the connection circle of station 1 or station 2 and click on the **Hand Over** symbol in the connection circle menu that appears or select the **Hand Over** menu item from the context menu of the connection circle.

#### **Accepting a connection request**

- > Move the mouse pointer over the incoming connection circle and click on the **Answer** symbol in the connection circle menu that appears or select the **Answer** menu item from the context menu of the connection circle
- > or drag and drop the incoming connection circle into the central circle.

#### **Forwarding connection requests**

- > Enter the destination number under **Connection** .
- > Move the mouse pointer over the connection circle and click on the **Hand Over** symbol in the connection circle menu that appears or select the **Hand Over** menu item from the context menu of the connection circle.

#### **Ending a connection**

- > Move the mouse pointer over the connection circle and click on the **Hang Up** symbol in the connection circle menu that appears or select the **Hang up** menu item from the context menu of the connection circle.
- > Or drag and drop the connection circle out of the central circle.



## 9 The optiClient 130 Web Browser Window

### 9.1 General Information

In the Web Browser window, you can open and use standard functions to navigate the configured web pages, as you would in a browser. The optiClient 130 Web Browser window gives you access to specified, frequently used web pages, without having to leave the optiClient 130.

#### Opening the Web Browser window

To activate the easyCom window, open the Module menu and choose **New Web browser**. The Webbrowser window opens on the default page set.

#### Display



The name of the Web page specified when configuring the possible addresses is displayed on the title bar.

#### Working with the Browser window

- > In the list box, you can choose one of the configured internet pages. The page content is displayed in the Browser window.
- > Buttons provide you with the standard browser navigation functions **Back**, **Forward**, **Stop** and **Refresh**.

See also:

[Settings for the Webbrowser.](#)

## **The optiClient 130 Web Browser Window**

*General Information*

## 10 Making Calls with the HiPath 3000/4000/5000

This section provides information on the following topics:

- [Settings for the HiPath Provider on HiPath 3000/4000/5000](#)
- [Settings for the CTI Provider on HiPath 3000/4000/5000](#)
- [Telephony functionsHiPath 4000](#)
- [HiPath 3000/5000 Telephony functions](#)

### 10.1 Settings for the HiPath Provider on HiPath 3000/4000/5000

To configure your user settings for the HiPath 3000/4000/5000 communication systems, select the **Provider modules** tab in the **Settings** dialog. The settings for HiPath 3000/4000/5000 can be found under the entry **HiPath Provider**.



The configuration of operation settings such as the ring tone (pitch) for the HiPath provider can only be accessed on activating the dialog during live operation; the configuration of all other settings for the HiPath Provider is only available if accessed via the Login dialog.

You can configure the following settings for the HiPath 3000/4000/5000 communication system:

- [Device Settings](#)
- [Settings for the Main Connection](#)
- [Settings for Main Network Access](#)
- [Settings for the Fallback connection](#)
- [Settings for Fallback Network Access](#)
- [Settings for Failover](#)
- [Settings for Bandwidth Reduction](#)
- [Port Restriction Settings](#)
- [Virtual Private Network \(VPN\) Settings](#)
- [Quality of Service \(QoS\) Settings](#)
- [Settings for Licensing](#)
- [Operation Settings](#)

## Making Calls with the HiPath 3000/4000/5000

### Settings for the HiPath Provider on HiPath 3000/4000/5000

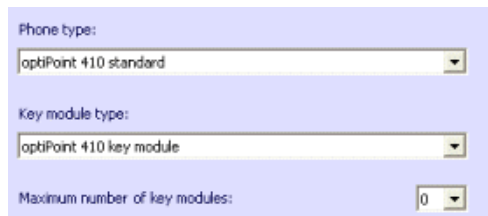
#### 10.1.1 Device Settings

The display mode of the optiClient 130 telephone resembles the appearance of various phone types.

To display the optiClient 130 phone and the extended keypad, you can select among various phone types for the phone and key module. The set phone and key module type for the optiClient 130 essentially corresponds to the display and layout of the corresponding desktop devices. Key modules are represented in the extended keypad of the optiClient 130 as columns.

To access the settings for the device types, select **Provider Modules - HiPath Provider - Telephones**.

#### Display



Phone type: optiPoint 410 standard

Key module type: optiPoint 410 key module

Maximum number of key modules: 0

- > Select the desired **Phone type**. This determines
- display lines will be shown in the freely positionable phone of the optiClient 130. In the integrated phone on the main bar, by contrast, two display lines are always shown.
  - whether Electronic Key Labeling (EKL) is available for the optiClient 130 phone.
  - how many programmable function keys are available in the (free and integrated) optiClient 130 telephone.
  - how many programmable function keys are available in the first column of the extended keypad in optiClient 130.

Device type	Display lines	EKL	Num. of Keys Telephone	Num. of Keys Column 1
● optiPoint 410 standard	2	No	4	8
● optiPoint 410 standard DA	2	No	4	8
DA (Direct Access) is only available with connections to HiPath 3000. As for the device type optiPoint 410 standard, with additional and automatic direct access to an external line.				
● optiPoint 410 advanced	4	No	4	15
● optiPoint 420 standard	2	Yes	5	7
● optiPoint 420 advanced	4	Yes	5	13



The following applies to the default function key programming / key assignments in optiClient 130:

- On starting up the optiClient 130, the function keys in the optiClient 130 phone (and possibly also in the extended keypad) are predefined with communication system-specific standard functions.
- For devices with EKL, all keys programmed with a function are automatically labeled with the "suitable" text by the connected communication system. Changing the function and thus the labeling (key caption) is only possible via the Service Menu prompts. This also applies if no function, but only a call number, is programmed on a key.
- For devices without EKL, the keys in the optiClient 130 phone are labeled with texts of the communication system-dependent standard functions. Changing the function can be accomplished via the Service menu prompts, and changing the labeling (all function keys) as well as the assignments of call numbers to keys can be performed directly in optiClient 130.

More details on the service menu prompts on your communication system can be obtained from the Administrator of the communication system.

See also: [Labeling/Programming Function Keys](#).

- > Select the desired **key module type**. It determines

## Making Calls with the HiPath 3000/4000/5000

### Settings for the HiPath Provider on HiPath 3000/4000/5000

- whether Electronic Key Labeling (EKL) is available for the key module columns in the extended keypad.
- how many programmable function keys are available in the key module columns of the extended keypad in optiClient 130.

Key module type:	EKL	Num. of Keys as of column 2
• optiPoint 410 key module	No	16
• optiPoint 420 key module	Yes	13

> The following applies to the **Maximum number of key modules**:

- Minimum value 0:  
the extended keypad is empty (no columns).
- Maximum value: 4 columns (or the maximum number of key modules per user configured on the connected communication system).



On the communication system, there can still be a maximum number of concurrently present / opened key modules configured for all users. If this value is or would be reached on opening the extended keypad, fewer key modules (columns) may be displayed there.

### Key assignments

The following applies to the automatic function key programming / key assignments in optiClient 130:

- On starting up the optiClient 130, the function keys in the optiClient 130 phone (and to some extent also in the extended keypad) are predefined with communication system-specific standard functions.
- For devices without EKL, optiClient 130 labels these keys with communication system-specific standard texts.  
Changing the programming key function can be accomplished via the Service menu prompts, and changing the labeling as well as the assignments of call numbers to keys can be performed directly in optiClient 130 (see also [Labeling/Programming Function Keys](#)).
- For devices with EKL, all keys programmed with a function are always labeled with the "suitable" text by the connected communication system. Changing the function and thus the labeling (key caption) is only possible via the Service Menu prompts. The assignment of a key with a call number and the entry of the associated label are likewise also performed exclusively via the Service menu.

More details on the service menu prompts on your communication system can be obtained from the Administrator of the communication system.

## 10.1.2 Settings for the Main Connection



The settings for the main connection must always be made, since it is not possible to operate the optiClient 130 without these parameters. If the optiClient 130 is being operated at a communication system with a Fallback system, then the parameters for the fallback connection must likewise be configured on the fallback communication system to enable smooth operation of the optiClient 130 (see also [Settings for the Fallback connection](#)).

To edit the parameters for the main connection, select the entry **Provider modules - HiPath Provider - Main Connection**. Enter the information here that defines your connection between optiClient 130 and your main communication system HiPath 3000/4000/5000:

### Display

Type:	HiPath 3000
Gatekeeper:	139.139.139.139
Extension number:	5211
Password:	*****
ACD agent number:	
Emergency call number:	
Own IP address:	Specify automatically
Security Mode:	None
Gatekeeper ID:	

- > Select your main communication system as the **Type**. The available communication systems are **HiPath 3000** and **HiPath 4000**. Enter the IP address of the communication system gatekeeper in the **Gatekeeper** field.
- > Enter the **Extension number** at which you can be reached in the optiClient 130 network and the **Password** configured (if necessary) for your extension number on the communication system. The password can be obtained from the administrator of the communication system.
- > If you work as an ACD agent, enter your **ACD agent number**.
- > The **Emergency call number** field is intended for future expansion (currently unassigned).
- > In the **Security mode** list box, select the setting that is set as the security mode on the connected communication system. More information can be obtained from the Administrator of the connected communication system.
- > In the **Gatekeeper Security ID** field, enter the ID as configured on your connected communication system. More information can be obtained from the Administrator of the connected communication system.

## Making Calls with the HiPath 3000/4000/5000

### Settings for the HiPath Provider on HiPath 3000/4000/5000

- > For the IP connection of the optiClient 130, the **Own IP address** must be known. If the optiClient 130 is connected to a network adapter to which a unique IP address has been assigned, select the setting **Specify automatically** here. If multiple IP addresses have been assigned to the network adapter, all such addresses will be shown in the list box, and you can then select the one you want.

### 10.1.3 Settings for Main Network Access



The settings for the main network access must always be made, since it is not possible to operate the optiClient 130 without these parameters. If the optiClient 130 is being operated at a communication system with a Fallback system, then the parameters for the fallback network access must also be configured on the fallback communication system to enable smooth operation of the optiClient 130 (see also [Settings for Fallback Network Access](#)).

Network access settings (location information) are needed for setting up a direct connection from optiClient 130 directories or call lists. If these settings are not configured properly, you may encounter problems when setting up connections. To configure the settings for the main network access, select **Provider modules - HiPath Provider - Main network access**.

#### Display

Country code:	<input type="text" value="49"/>
Area code:	<input type="text" value="2302"/>
System identification number:	<input type="text" value="667"/>
Trunk code:	<input type="text" value="0"/>
Prefix for local calls:	<input type="text"/>
Prefix for long distance calls:	<input type="text" value="0"/>
Prefix for international calls:	<input type="text" value="00"/>
Additional code for local calls:	<input type="text"/>
Additional code for long distance calls:	<input type="text"/>
Additional code for international calls:	<input type="text"/>

- > Enter the code for the international prefix for the location under **Country code**. Omit the leading zero when entering the **Area code**.
- > Enter the HiPath 4000 **system identification number**. This system ID number identifies internal call numbers in the directories that only set up internal connections when selected.
- > Under **Trunk code**, enter the code that was configured for network access on the connected communication system.



- > Under **Prefix for local calls/Long-distance calls/International calls**, enter the network operator code for the type of call concerned. This data is independent of the configuration for the connected connection system and is determined by the network operator. The example shows the prefix numbers for the network operator in Germany. Other prefixes may apply in other countries.

### 10.1.4 Settings for the Fallback connection



The settings for the main connection must always be made, since it is not possible to operate the optiClient 130 without these parameters. If the optiClient 130 is being operated at a communication system with a Fallback system, then the parameters for the fallback connection must also be configured on the fallback communication system to enable smooth operation of the optiClient 130 (see also [Settings for the Main Connection](#)).

To edit the parameters for the Fallback connection, select the entry **Provider modules - HiPath Provider Fallback connection**. Enter the information here that defines your connection between optiClient 130 and your fallback communication system:

#### Display

Type:	HiPath 3000
Gatekeeper:	139.139.139.139
Extension number:	5211
Password:	*****
ACD agent number:	
Emergency call number:	
Own IP address:	Specify automatically
Security	
Mode:	None
Gatekeeper ID:	

- > Select your fallback communication system as the **Type**.
- > The meanings of the other parameters for the fallback connection correspond to those of the main connection; see also [Settings for the Main Connection](#).

## Making Calls with the HiPath 3000/4000/5000

### Settings for the HiPath Provider on HiPath 3000/4000/5000

#### 10.1.5 Settings for Fallback Network Access



The settings for the main network access must always be made, since it is not possible to operate the optiClient 130 without these parameters. If the optiClient 130 is being operated at a communication system with a Fallback system, then the parameters for the fallback network access must also be configured on the fallback communication system to enable smooth operation of the optiClient 130 (see also [Settings for Main Network Access](#)).

Network access settings (location information) are needed for setting up a direct connection from optiClient 130 directories or call lists. If these settings are not configured properly, you may encounter problems when setting up connections. To configure the settings for the Fallback network access, select **Provider modules - HiPath Provider - Fallback network access**.

#### Display

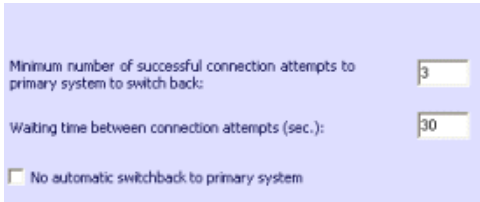
Country code:	<input type="text" value="49"/>
Area code:	<input type="text" value="2302"/>
System identification number:	<input type="text" value="567"/>
Trunk code:	<input type="text" value="0"/>
Prefix for local calls:	<input type="text"/>
Prefix for long distance calls:	<input type="text" value="0"/>
Prefix for international calls:	<input type="text" value="00"/>
Additional code for local calls:	<input type="text"/>
Additional code for long distance calls:	<input type="text"/>
Additional code for international calls:	<input type="text"/>

- > The meanings of the parameters for the fallback network access correspond to those of the main connection; see also [Settings for Main Network Access](#).

#### 10.1.6 Settings for Failover

If the optiClient 130 is being operated at a communication system with a Fallback system, then the optiClient 130 will be switched over automatically to the fallback communication system if the main communication system fails. In order to restore the connection when the main communication system becomes available again, you will need to define various settings here: To do this, select **HiPath Provider - Failover**:

## Display



Minimum number of successful connection attempts to primary system to switch back: 3

Waiting time between connection attempts (sec.): 30

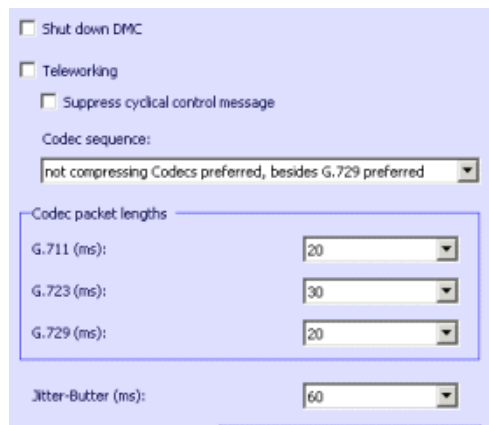
No automatic switchback to primary system

- > Following a failover to the fallback communication system, automatic and cyclical attempts are made to reestablish a connection to the main communication system. The option **Minimum number of successful connection attempts to primary system to switch back** defines after how many successful connection attempts the main communication system can be considered ready for operation again. The defined **Waiting time between connection attempts (sec.)** also applies here.
- > If you want to prevent an automatic switchback to the main communication system even after successful connection attempts, enable the option **No automatic switchback to primary system**.

## 10.1.7 Settings for Bandwidth Reduction

In order to optimize voice transmission quality, you can make several settings to match the current environment of your network installation. To do this, select **HiPath Provider - Bandwidth reduction**.

### Display



Shut down DMC

Teleworking

Suppress cyclical control message

Codec sequence:  
not compressing Codecs preferred, besides G.729 preferred

Codec packet lengths

G.711 (ms): 20

G.723 (ms): 30

G.729 (ms): 20

Jitter-Buffer (ms): 60

- > When operating the optiClient 130 at the HiPath 4000, voice packets are exchanged over the network by default directly between the communication partners (Direct Media Connect - DMC). DMC can optionally be disabled by setting the option **Shut down DMC**. Voice packets are then no longer exchanged directly between the communication partners, but via HiPath 4000. This option may be enabled when operating the optiClient 130 from home (teleworking).

This option is not relevant when operating the optiClient 130 at a HiPath 3000.

## Making Calls with the HiPath 3000/4000/5000

### Settings for the HiPath Provider on HiPath 3000/4000/5000

- > Activate the **Teleworking** option if you work at a teleworkstation. To reduce the data volume or bandwidth requirements via the trunk, activate the options **Voice compression** and **Suppress cyclical control message**. These options are activated automatically when the Teleworking option is enabled at Logon.
- > Communication between optiClient 130 and the communication system is based on defined compression algorithms for the network transmission of audio signals (codecs). Under **Codec sequence** you can define the desired sequence of the codecs to be used for the voice connection. A different selection is made available on activating the **Teleworking** option.
- > The respective voice packet lengths for the codecs **G.711**, **G.723** and **G.729** are defined under **Codec packet lengths** individually by specifying the number of milliseconds.
- > To avoid jitter in the network (arising from variable delays), you can define the size of the jitter buffer under **Jitter-Buffer (packet number)**. The following generally applies for an optimum setting: the better the network quality, the smaller the jitter buffer can be, and the larger the jitter buffer, the greater the voice delays. The buffer size can be set to between 4 and 20; the recommended value is 6.

### 10.1.8 Port Restriction Settings

Select **HiPath Provider port restrictions** for port restriction settings for use in firewall environments.

#### Display

Label	Value
Gatekeeper-CorNetIP-Port:	4060
PC-CorNetIP-Port-area from	7000 to 7010
RTP port range from	29100 to 29131
H.245 port range from	12000 to 12100
H.225-Signaling:	1720

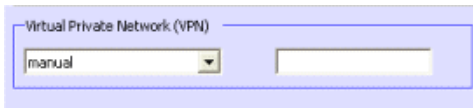
- > Port 4060 is used by default on the communication system gatekeeper for the CorNet connection. You can specify a port area for the local PC. The option **CorNet port range from** must be activated, and the port numbers from/to must be entered so that the set port range is used. If you do not activate the option, any port on the PC assigned by the operating system is used.
- > The communication ports used for signaling (H.245 ports) and voice connections (RTP ports) are defined by activating the option **RTP port range** or **H.245 port range** and entering a "port range from/to".

- > To operate Netmeeting at the same time as optiClient 130, e.g., to share documents from another PC without an audio connection, activate the option **Use port number** under **H.225 signalling** and enter the port number. Netmeeting uses port 1720 by default. You should therefore enter another port number, e.g., 11720, for optiClient 130.

### 10.1.9 Virtual Private Network (VPN) Settings

Under **Provider modules - HiPath Provider - Virtual Private Network**, specify optiClient 130 performance in a VPN (Virtual Private Network) environment.

optiClient 130 signals its IP address to its partner at certain times in a connection (for example, for the target address of the audio packets). An optiClient 130 that is operated in a Virtual Private Network (VPN) is assigned a new external IP address. It can no longer be contacted at its old IP address. No voice packets could be exchanged if optiClient 130 continued to signal its old IP address to its connection partner. optiClient 130 must therefore know its IP address assigned by the VPN.

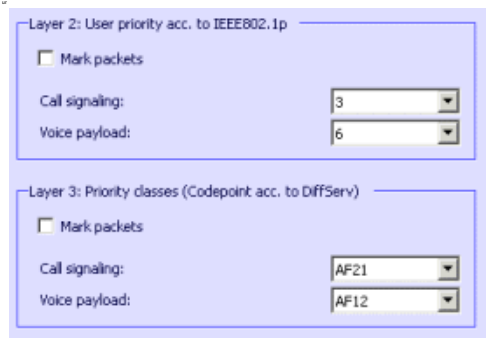


- > The following settings can be made in the list field:
  - **no**  
VPN is not used.
  - **Automatic**  
VPN is used, the client determines the IP address itself.
  - **Manual**  
VPN is used with a special IP address that you must specify in the entry field.

### 10.1.10 Quality of Service (QoS) Settings

If you want to make changes to the settings for QoS (Quality of Service), select **Provider modules - HiPath Provider - Quality of Service**.

#### Display



## Making Calls with the HiPath 3000/4000/5000

### Settings for the HiPath Provider on HiPath 3000/4000/5000

- > Activate the **Change QoS settings** option if you want to adapt the default settings for QoS.
- > **Enable QoS under Windows 2000** lets you activate or deactivate the use of Quality of Service (QoS) under Windows 2000. This option must be activated for improved voice quality which is predominantly dependent on the infrastructure in the network. This option does not apply when using under Windows XP as QoS is always available under Windows XP.
- > Click **Default settings** to display the default values for HiPath networks.
- > For each of the transmission layers **Layer 2: User Priority acc. to IEEE802.1p** and **Layer 3: Priority classes (Codepoint acc. to DiffServ)**, you can use the **Mark packets** option to specify whether the optiClient 130 data for the **Call Signaling** and **Voice Payload** traffic types is provided with the values set above.



After you have edited the QoS settings, you may be prompted to restart the optiClient 130. The restart is needed for the changed settings to take effect.

See also: [Configuring/Installing Quality of Service](#).

### 10.1.11 Settings for Licensing

At each program start, the validity of the optiClient 130 license is checked at the license server. The settings for the relevant license server are defined here. The server may be installed on either the local optiClient 130 PC or on a central PC in the network. Select **HiPath Provider - Licensing**.

#### Display

Server:	<input type="text" value="149.246.228.89"/>
Port:	<input type="text" value="61740"/>
Timeout (ms):	<input type="text" value="6000"/>
Attempts:	<input type="text" value="3"/>
Password:	<input type="text"/>

- > Under **Server**, enter the IP address of the PC on which the license server for optiClient 130 is installed. For a local installation of the license server (as in the illustrated example), enter the local IP address or the address of the local host. If the license server is installed on the network, enter its IP address on the network.
- > Under **Port**, enter the default port number for accessing the license server. It is 61740.
- > Enter the maximum time (in milliseconds) for the attempt to set up a connection to the license server in the **Timeout** field. Also define the number of **Attempts**.

- > If an access **Password** was defined on the license server, enter that password here as well.



If no license server is configured or if optiClient 130 cannot establish a connection to the license server due to invalid parameters, for example, a corresponding message will appear on starting the optiClient 130 program.

### 10.1.12 Operation Settings

You can change the ring tone for optiClient 130 in the operation settings. Select **HiPath Provider - Operation settings**.

#### Display



- > To change the ring tone, click the **Change ring tone** button.
- > You hear the ring tone currently set. You can then set the ring tone as desired by using the **Brighter tone** and **Deeper tone** buttons. You can exit the setting with **Close**. The selected setting takes effect immediately.

## Making Calls with the HiPath 3000/4000/5000

Settings for the CTI Provider on HiPath 3000/4000/5000

### 10.2 Settings for the CTI Provider on HiPath 3000/4000/5000

With the help of the CTI Provider, you can take full advantage of your connection to HiPath 3000/4000/5000 by also operating desktop devices with the optiClient 130. This provides you with the extended functionality of optiClient 130 (e.g., contact directory, contact list, easyCom communication circle, extended call lists, directory processing, etc.), which would otherwise not be available when using the devices alone.

When the CTI Provider is activated in optiClient 130, ring tones are not signaled with the sound card or the Siemens optiPoint handset or controlled via the optiClient 130 (volume), but only at your desktop device.

To configure your user settings for the CTI Provider at the HiPath 3000/4000/5000, select the **Provider modules** tab in the **Settings** dialog.



By default, the HiPath Provider and not the CTI Provider is added as a module, so you will need to remove the HiPath Provider module and add the CTI Provider module instead. For more details on this procedure, see the section [Navigating the Dialog Settings](#).

The settings for the CTI provider can be found under the entry **CTI Provider**.

You can configure the following settings for the HiPath 3000/4000/5000 communication system:

- [Device Settings](#)
- [Settings for the Main Connection](#)
- [Settings for Main Network Access](#)

#### 10.2.1 Device Settings

In order to connect the optiClient 130 via the CTI Provider and thus enable the "remote operation" of your desktop device, the existing device types must be configured. To do this, select **Provider modules - CTI Provider - Device**:

##### Display

A screenshot of a software configuration dialog box with a light blue background. It contains three settings: 'Phone type:' with a dropdown menu showing 'optiPoint 410 standard'; 'Key module type:' with a dropdown menu showing 'optiset key module'; and 'Maximum number of key modules:' with a small numeric input field containing the value '1'.

- > Select your **Phone type**. The available options are **optiset comfort/advance**, **optiPoint 410 standard** and **optiPoint 600**.



- > Confirm the **Key module type optiset key module**.
- > The following applies to the maximum number of key modules displayed in optiClient 130 (**Maximum number of key modules**):
  - Minimum value 0:  
the extended keypad is empty (no columns).
  - Maximum value: 2 columns.



On the communication system, there can still be a maximum number of concurrently present / opened key modules configured for all users. If this value is or would be reached on opening the extended keypad, fewer key modules (columns) may be displayed there.

- > If a headset is connected to the headset adapter on your telephone device, this option must be activated, since the headset controller in optiClient 130 cannot operate correctly without it.

## 10.2.2 Settings for the Connection

To edit the parameters for the connection, select the entry: **Provider modules - CTI Provider - Connection** Enter the information here that defines your connection between optiClient 130 and your communication system HiPath 3000/4000/5000:

### Display

Type:	HiPath 4000
Access:	COM 2
IP address:	139.176.12.133
Extension number:	5689
Password:	
ACD agent number:	
Emergency call number:	

- > Select your communication system as the **Type**. The available communication systems are **HiPath 3000** or **HiPath 4000**.
- > In the **Access** field, select the CTI connection. The available options are:
  - **COM1** to **COM9**
  - **LAN** for access via the network. Then enter the **IP address** as well.
  - **USB** for a USB device connected via a COM port emulation

## Making Calls with the HiPath 3000/4000/5000

### Settings for the CTI Provider on HiPath 3000/4000/5000

- > Enter the **Extension number** of the device at which you can be reached in the optiClient 130 network and the **Password** configured (if necessary) on the communication system for your extension number. The password can be obtained from the administrator of the communication system.
- > If you work as an ACD agent, enter your **ACD agent number**.
- > The **Emergency call number** field is intended for future expansion (currently unassigned).

### 10.2.3 Network Access Settings

Network access settings (location information) are needed for setting up a direct connection from optiClient 130 directories or call lists. If these settings are not configured properly, you may encounter problems when setting up connections. To configure the settings for the network access, select **Provider modules - HiPath Provider - Network access**.

#### Display

Country code:	<input type="text" value="49"/>
Area code:	<input type="text" value="2302"/>
System identification number:	<input type="text" value="667"/>
Trunk code:	<input type="text" value="0"/>
Prefix for local calls:	<input type="text"/>
Prefix for long distance calls:	<input type="text" value="0"/>
Prefix for international calls:	<input type="text" value="00"/>
Additional code for local calls:	<input type="text"/>
Additional code for long distance calls:	<input type="text"/>
Additional code for international calls:	<input type="text"/>

- > Enter the code for the international prefix for the location under **Country code**. Omit the leading zero when entering the **Area code**.
- > Enter the HiPath 4000 **system identification number**. This system ID number identifies internal call numbers in the directories that only set up internal connections when selected.
- > Under **Trunk code**, enter the code that was configured for network access on the connected communication system.
- > Under **Prefix for local calls/Long-distance calls/International calls**, enter the network operator code for the type of call concerned. This data is independent of the configuration for the connected connection system and is determined by the network operator. The example shows the prefix numbers for the network operator in Germany. Other prefixes may apply in other countries.

## 10.3 Telephony functionsHiPath 4000














The HiPath 3000/4000/5000 offers an extensive range of basic and advanced telephony functions. The functions available in optiClient 130 are operated and work in the same way as on a telephone (terminal); all functions are described in detail in the terminal documentation.

The following is an overview of:

- [Telephony Icons Available for HiPath 4000](#)
- [Basic and Advanced Functions \(HiPath 4000\)](#)
- [Overview of Important Functions \(HiPath 4000\)](#)
- [Service Menu Functions \(HiPath 4000\)](#)

### 10.3.1 Telephony Icons Available for HiPath 4000

The following telephony functions are offered by the HiPath 4000 communication system in the optiClient 130 Telephony menu:

Telephony Function / Option	Icon
• ACD-Logon	
• ACD post-processing	
• ACD not available	
• Do Not Disturb	
• Check received messages	
• Retrieve parked call	
• Take call from pickup group	
• Call pickup, directed	
• Caller ID suppression	
• COS	
• Hunting group	
• Waiting ACD calls	
• Second call allowed	

## Making Calls with the HiPath 3000/4000/5000

Telephony functions HiPath 4000





### 10.3.2 Basic and Advanced Functions (HiPath 4000)

Information on the following basic and advanced functions marked with "\*" can be found in the [Operating Instructions](#) for the configured device / key module, since these are functionally equivalent.

1.	<b>Making and Answering Calls</b>	6.	<b>Telephone Settings</b>
*	Accept the call	*	Adjusting the volume
*	Open listening	*	Change ring tone
*	Trunk key	*	Lock telephone
*	Using mailboxes	7.	<b>Saving a call number</b>
*	Do Not Disturb	*	Call number for redial
2.	<b>Call</b>	*	Individual speed-dial number
*	Off-Hook Dialing	8.	<b>Call forwarding</b>
*	Dial via trunk key	*	Fixed/variable forwarding
*	On-hook dialing	*	Forwarding for another connection
*	Station number display suppression	9.*	<b>Using another phone</b>
*	Commandos via tone dialing (DTMF suffix-dialing)	*	Identification
3.	<b>Calling Multiple Parties Simultaneously</b>	10.	<b>Relocating the phone</b>
*	Consultation hold	*	Log off phone (old)
*	Conference	*	Log on phone (new)
*	Call transfer	11.*	<b>Making calls in the team</b>
4.	<b>Making calls to stored destinations</b>	*	Call pickup
*	Redial	*	Park
*	Speed-dial numbers	*	Hunting group
5.	<b>If you cannot reach a destination ...</b>		
*	Callback		
*	Call waiting or busy override		

### 10.3.3 Overview of Important Functions (HiPath 4000)

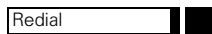
#### Call

-  + 
- or
-  + when the subscriber answers  
 or speaker mode and open listening.

#### Redial (saved call number)


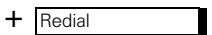
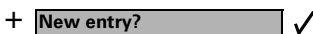


Save (Variant1):

- Connection exists:



Save (Variant2):


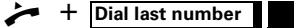
- Any call number:

  
+   
+  ✓  
+   
+  ✓

Redial:

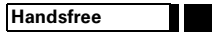

-  + 

Redial (last number dialed):

-  + 

#### Switching between speaker mode and open listening during a call:

From handset to speaker mode and open listening:



-  press and hold down  
+ 

From speaker mode/open listening to handset:

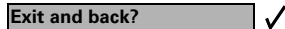
- 

#### Information during a call (callback):

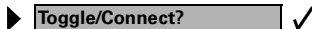
Rückfrage:

-  ✓  
+ second station 

Exiting

-  ✓

#### Alternating between two calls (toggle)



-  ✓

## Making Calls with the HiPath 3000/4000/5000



Telephony functions HiPath 4000

### Transferring a call


With notification:

- ✓
  - + 
  - + signal call
  - + 


Without notification:

- ✓
  - + 
  - + 


### Setting up a conference

- First call
  - +  ✓
  - + 
  - +  ✓
  - +  ✓
  - + 


### Saving/activating variable call forwarding

- ✓
  - +  (destination)
  - +  ✓

### Displaying the caller list

- 
  - +  ✓
  - +  ✓
  - +  ✓ Or  ✓




### Ending Retrieval

- 



### Dialing a displayed call

- ✓



### Saving individual speed-dial numbers

- 
  - +  ✓
  - +  ✓
  - +  (0..9)
  - +  ✓
  - +  (destination)
  - +  ✓




### Dialing with individual speed-dial numbers

- Service Menu 
  - + ▶ Use speed dialing? ✓
  - +  (0..9)



### Deactivating/reactivating phone for calls

- Service Menu 
  - + ▶ PIN and class of service? ✓
  - + ▶ Change class of service? ✓
  - +  (PIN)

### Saving/changing a call number programmed on a key for repertory dialing

- Service Menu 
  - + 
  - + New entry? ✓
  - +  (destination)
  - + Save? ✓

### Save timed reminder

- Service Menu 
  - + ▶ Appointment? ✓
  - + New appointment? ✓
  - +  (time 3- or 4-digit)
  - + Save? ✓




## Making Calls with the HiPath 3000/4000/5000

Telephony functions HiPath 4000

### 10.3.4 Service Menu Functions (HiPath 4000)



Please note that depending on how your system is configured, the codes listed here for Service menu functions may differ on your system and entire functions may be missing.

Press the **Service menu** key. Use the keys    to select functions (provided they are configured) or use service codes, for example, **2 1** for „Second call on/off“.

<b>1</b> Destinations	<b>1</b> save variable forwarding <b>2</b> save fixed forwarding <b>3</b> save speed dial number <b>4</b> save redial <b>5</b> save destination number <b>6</b> save direct call number <b>7</b> save forwarding for call number <b>8</b> use Call list	<b>&gt; 1</b> variable forwarding <b>2</b> Other forwarding type <b>&gt; 1</b> Incoming calls <b>2</b> Outgoing calls
<b>2</b> Switches	<b>1</b> Second call on/off <b>2</b> DND on/off <b>3</b> Voice calling on/off <b>4</b> Hunt group add/remove <b>5</b> Forwarding on/off <b>6</b> Forwarding interrogate/deactivate <b>7</b> Forwarding using switch on/off	<b>&gt; 1</b> variable forwarding <b>2</b> Other forwarding type
<b>3</b> Use speed dialing		
<b>3</b> Display Prog. Feature Key		
<b>5</b> Voice info Service	<b>1</b> personal voice mailbox <b>2</b> other party's voice mailbox	
<b>6</b> PIN and class of service		
<b>7</b> Saving Appointments		
<b>8</b> Additional Features	<b>1</b> Suppress display on	



**9 Telephone test**



- 1** Light Test (LED)
- 2** Screen test
- 3** Key Test
- 4** Acoustic Test
- 5** Telephone Identity (Id)
- 6** Software Version
- 7** Feeding range

- 
- 1** Handsfree
  - 2** Handset
  - 3** Ringer volume
  - 4** Ring tone
  - 5** Alerting tone
  - 6** Speakerphone mode

## Making Calls with the HiPath 3000/4000/5000

### HiPath 3000/5000 Telephony functions

## 10.4 HiPath 3000/5000 Telephony functions















The HiPath 3000/5000 offers an extensive range of basic and advanced telephony functions. The functions available in optiClient 130 are operated and work in the same way as on a telephone (terminal); all functions are described in detail in the terminal documentation.






The following is an overview of:

- [Basic and Advanced Functions \(HiPath 3000/5000\)](#)
- [Overview of Functions and CodesHiPath 3000/5000](#)

### 10.4.1 Telephony Icons Available for HiPath 3000/5000

The following telephony functions are offered by the HiPath 3000/5000 communication system in the optiClient 130 Telephony menu:

Telephony Function / Option	Icon
• ACD-Logon	
• ACD post-processing	
• ACD-Night service	
• ACD not available	
• Call waiting without tone	
• Do Not Disturb	
• Code key	
• Check received mes	
• Check sent messages	
• Retrieve parked call	
• Send messages	
• Night service	
• Take call from pickup group	
• Call pickup, directed	

<b>Telephony Function / Option</b>	<b>Icon</b>
● Caller number suppression	
● Do not disturb	
● Hunting group	
● Waiting ACD calls	
● Change class of service	

## Making Calls with the HiPath 3000/4000/5000

HiPath 3000/5000 Telephony functions

### 10.4.2 Basic and Advanced Functions (HiPath 3000/5000)

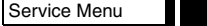




Information on the following basic and advanced functions marked with "\*" can be found in the [Operating Instructions](#) for the configured device / key module, since these are functionally equivalent.

1.	<b>Making and answering calls</b>	6.	<b>Call forwarding</b>
*	Answering calls	*	Call forwarding
*	Call pickup	*	Night service
*	Do Not Disturb	7.	<b>Using Other Functions</b>
*	Ringer off	*	Call charge display
*	Mute/Mute off	*	Busy signaling for speed-dialing keys
2.	<b>Call</b>	*	Code key
*	Call number suppression (Call number suppression)	*	Messages
*	Initiate Call	*	Answer text
*	Terminating calls	*	Telephone Data Service
3.	<b>Calling multiple parties simultaneously</b>	*	DTMF transmission DTMF Signaling (Changing over to DTMF Tone Dialing)
*	Consultation hold	*	Hunting group
*	Conference	*	Resetting functions
*	Toggle	8.	<b>ACD Functions</b>
*	Call transfer	*	ACD Logon
*	Hold	*	ACD post-processing
*	Park	*	ACD Unavailability
4.	<b>Making Calls to Stored Destinations</b>	*	ACD Night service
*	Redial	9.	<b>Phone book</b> (see <a href="#">The optiClient 130 Directories</a> )
*	Caller List	10.	<b>Call lists</b> (see <a href="#">The optiClient 130 Call Lists</a> )
	Executive/Secretary Functions		
5.	<b>If You Cannot Reach a Destination ...</b>		
*	Callback		
*	Call waiting		

### 10.4.3 Overview of Functions and Codes HiPath 3000/5000

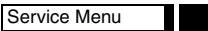


The following table shows which functions are available on the display when correctly configured. The type and scope of the offered functions depends on the configuration of the connected HiPath 3000/5000. The functions listed in the table below and their selection may therefore not reflect the precise situation on site.

Functions can basically be activated in a direct dialog (select + confirm), via the Service menu (select + confirm or code), or via function keys:

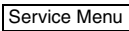


Functions (= display)	... in the direct Dialog	... About the Service menu		... about Functionl Key
			Code	
	 	 		
Accept waiting call	✓	✓	*55	X
Call waiting without tone	✓	✓	*87	X
Waiting tone on	✓	✓	#87	X
Call wait.term.on		✓	*490	X
Call wait.trm.off		✓	#490	X
Caller list	✓	✓	#82	X
Save number	✓	✓	*82	X
Do Not Disturb On	✓	✓	*97	X
Do Not Disturb Off	✓	✓	#97	X
UCD (Uniform Call Distribution)		✓		
Log On		✓	*401	X
Log Off		✓	#401	X
Available		✓	*402	X
Unavailable		✓	#402	X
Work On		✓	*403	X
Work Off		✓	#403	X
UCD night on		✓	*404	X
UCD night off		✓	#404	X
Calls in queue		✓	*405	X
Advisory Msg. On	✓	✓	*69	X
Advisory msg. off	✓	✓	#69	X
Associated Services		✓	*83	X
Associated dialing		✓	*67	X
Override	✓	✓	*62	X
Room monitor		✓	*88	X
Reset services		✓	#0	X

## Making Calls with the HiPath 3000/4000/5000

### HiPath 3000/5000 Telephony functions

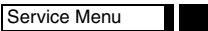




Functions (= display)	... in the direct Dialog	... About the Service menu 	... about Functionl Key
		 Code	
Speaker call		✓ *80	X
HF answerback on	✓	✓ *96	X
HF answerback off	✓	✓ #96	X
DISA			
Shift key			X
Relocate phone			
Log Off			*9419
Log On			#9419
Telephone test		✓ *940	
Trace call		✓ *84	X
Flex Call		✓ *508	X
Join hunt group	✓	✓ *85	X
Leave hunt group	✓	✓ #85	X
Rejoin all groups	✓	✓ *85*	X
Leave all groups	✓	✓ #85#	X
Headset			
Answer call	✓		
Hotline			
Send a message	✓	✓ *68	X
Sent messages	✓	✓ #68	X
View messages	✓	✓ #68	X
Mailbox			X
Conference	✓	✓ *3	X
Set up a conference	✓		
Expand a conference	✓		
End conference	✓	✓ #3	
View conf. parties	✓		
Remove party	✓		
Drop last conf. party (only for U.S. with central office party)		*491	
Show call charges (own telephone)		✓ *65	X
View call charges (other party's telephone)			X
Use speed-dialing		✓ *7	X
Change speed-dial (station)		✓ *92	X

**Making Calls with the HiPath 3000/4000/5000**  
*HiPath 3000/5000 Telephony functions*

Functions (= display)	... in the direct Dialog	... About the Service menu		... about Functionl Key
			Code	
				
Reserve trunk	✓			X
Toggle	✓	✓	*2	X
DTMF dialing		✓	*53	X
Mute off	✓	✓	*52	X
Mute on	✓	✓	#52	X
Monitoring			*944	
Night Answer On	✓	✓	*44	X
Night Answer Off	✓	✓	#44	X
Park		✓	*56	X
Retrieve call		✓	#56	
Page		✓	*45	X
Answer Page (not for U.S.)		✓	#45	X
Account Code		✓	*60	X
Consultation hold	✓			
Back to waiting	✓	✓	*0	
Quit and return	✓	✓	*0	
Transfer/Accept	✓			
Callback	✓	✓	*58	X
View/Delete callback	✓	✓	#58	
Suppress caller ID	✓	✓	*86	X
Restore caller ID	✓	✓	#86	X
Temporary MSN (not for U.S.)	✓	✓	*41	X
Ring transfer: on		✓	*502	X
Ring transfer: off		✓	#502	X
Ringing Group On		✓	*81	X
Ringing Group Off		✓	#81	X
Ringer cutoff on	✓	✓	*98	X
Ringer cutoff off	✓	✓	#98	X
Control relay on		✓	*90	X
Control relay off		✓	#90	X
Trunk flash		✓	*51	X
Select language		✓	*48	

## Making Calls with the HiPath 3000/4000/5000

### HiPath 3000/5000 Telephony functions

Functions (= display)	... in the direct Dialog	... About the Service menu		... about Functionl Key
			Code	
	 	 		
Prog. Feature Key		✓	*91	X
Changeover On	✓	✓	*66	X
Changeover Off	✓	✓	#66	X
Change PIN		✓	*93	
Phone book	✓			X
Telephone Data Service			*42	
Timed Reminder On		✓	*46	X
Timed Reminder Off		✓	#46	X
Door Opener On		✓	*89	X
Door Opener Off		✓	#89	X
door opener		✓	*61	X
Transfer	✓			
Pickup - Directed		✓	*59	X
Pickup - Group	✓	✓	*57	X
Accept Call	✓			
Forwarding On	✓	✓	*1	X
1=All Calls	✓	✓	*11	X
2=External Calls Only	✓	✓	*12	X
3=Internal Calls Only	✓	✓	*13	X
Forwarding Off	✓	✓	#1	X
Forward Line: On		✓	*501	X
Forward Line: Off		✓	#501	X
Redial				X
Retrieve Line.		✓	*63	X
Lock All Phones		✓	*943	X



## 11 Administrator Notes, Tips & Tricks

This section provides information on the following topics:

- [Administration of the Settings Folder](#)
- [Transferring Data from the Previous Version \(Migration\)](#)
- [Overview of Port Settings for optiClient 130](#)
- [Font Size in optiClient 130](#)
- [USB Driver](#)
- [Settings and Notes for Outlook](#)
- [The optiClient 130 User and Location Concept](#)
- [Starting optiClient 130 for the First Time with Active Central Configuration \(DLS\)](#)

### 11.1 Administration of the Settings Folder

The Settings Folder Tool can be used to change the folder containing the configuration files (users, locations, etc.) for optiClient 130. By default, the configuration information is stored and administered in the folder

`C:\Documents and Settings\All Users\Application Data\Siemens\optiClient`

If this storage location cannot be accessed, you can store this information elsewhere. Following the change, optiClient 130 will expect the configuration files in the specified folder and/or create them there.

After installation, the **Settings Folder** tool is stored in the folder

- `<optiClient 130 Program Directory>\Client`
- under the name `Siemens.OptiClient.SettingFoldersTool.exe`

A link to this tool (`Siemens.OptiClient.exe.SettingFoldersTool.lnk`) can be found in the `<optiClient 130 Program Directory>\Tools` folder.

Note that if the configuration folder of an already configured optiClient is changed, only the configuration files from the folder indicated above (and not the subfolders) must be copied to the new folder. All other subfolders remain at their original location and must not be removed.

## Administrator Notes, Tips & Tricks

### Administration of the Settings Folder

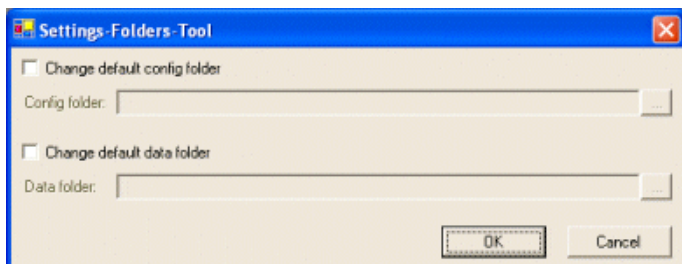
#### Starting the Program

Proceed as follows to start the tool:

- **Start - Run:** select the tool and click **OK**
- or start optiClient 130 (via the desktop link or the Programs menu) by pressing the **Strg** key (or **CTRL** key).

#### Operation and Notes

##### Display



- > To create a different folder to the default setting for storing the user and location settings, activate **Change default config folder**. You can select the relevant entry under **Config folder**. You cannot specify this entry manually. The ... browse button must be used for this.
- > To create a different folder to the default setting for storing user call list entries, activate **Change default data folder**. You can select the relevant entry under **Data folder**. You cannot specify this entry manually. The ... browse button must be used.
- > Confirm your entries with **OK**. The program is then closed. From this point on, the relevant information is administered and stored in the folders set.

## 11.2 Transferring Data from the Previous Version (Migration)

A migration tool is available for transferring data from the previous version of optiClient 130 (V2.5/4.0). During migration, the following data (if available) is transferred from the preceding optiClient 130 Version V2.5 or 4.0 for optiClient 130 V5.0 users:

- Key captions
- Call number
- Connectivity information (Gatekeeper)
- Information about the LDAP connection
- Optional: transfer of contacts into the Contacts folder
- Optional: transfer of contacts to Outlook (if present)

### Installation

The optiClient 130 Installation CD also includes the installation program for the migration tool. You will find the installation program on the Installation CD under `\Tools`.

- > Insert the CD, select the installation program `setup.exe` and click **OK**.
- > The installation is performed without requiring any further input. To complete the installation, click **Finish**.

The migration tool is now installed.

### Starting the Program

After installation, the migration tool is stored under

- `<optiClient 130 Program Directory>\Client`
- and named `Siemens.OptiClient.Migrationtool.exe`

You will find a link (`Siemens.OptiClient.exe.Migrationtool.lnk`) to this tool in the `<optiClient 130 Program Directory>\Tools` file.

Proceed as follows to start the tool:

- **Start - Run:** select the tool and click **OK**.



When the migration tool is started, it first compares its own version with that of the existing optiClient 130. If the two versions are not compatible (e.g., if an older tool version is being used), a corresponding message appears, and the migration tool exits without transferring any data.

### Operation and Notes

## Administrator Notes, Tips & Tricks

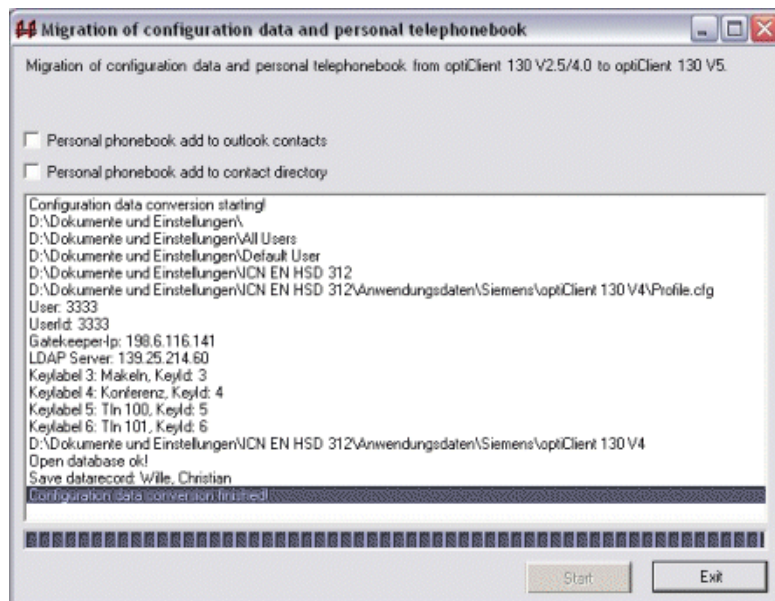
### *Transferring Data from the Previous Version (Migration)*

Once the program is started, a dialog containing an empty log window is displayed.

- > Enabling the option **Personal phonebook add to outlook contacts** migrates the contacts from the preceding version to Outlook (if present).
- > Enabling the option **Personal phonebook add to contact directory** migrates the contacts from the preceding version to the contact directory.

Click **Start** to initiate startup. The data is transferred automatically. This process is logged in the window.

## Display



- The tool searches for "old" configuration data from the previous version, converts it and saves it to the defined folder.
- The gatekeeper address for the location is created in the format xxx\_xxx\_xxx\_xxx for "new" optiClient 130 users. For example, the gatekeeper address 123.234.1.0 translates into location 123\_234\_1\_0.
- If Outlook is installed, the contact directory for every "old" user found is transferred to an individual directory called `TeLephonebook_XXXX` in the Contacts folder in Outlook (`XXXX` stands for the call number of the user).
- The source data for migration is retained. Migration can only be performed once.



Before migrating you should note the call numbers and gatekeeper addresses stored for all users in the previous version.

Click **Exit** to quit the Migration dialog.

## 11.3 Overview of Port Settings for optiClient 130

The following is an overview of the default ports used in optiClient 130 for information on using optiClient 130 in firewall environments. Values shown in *italics* can be set in optiClient 130 and are default values:

Function	Di- rec- tion	Protocol		Local port		Remote port	Inter- face
		Layer 7	Layer 4	from	to		
Signaling (H.225) softphone	->	H.225	TCP	>1023	-	<i>1720</i>	Softphone <-> PBX
Signaling (H.225) softphone	<-	H.225	TCP	<i>1720</i>	-	depending on partner conf.	PBX <-> softphone
Media control (H.245) softphone	->	H.245	TCP	<i>12000</i>	<i>12100</i>	depending on partner conf.	Softphone <-> PBX
Feature protocol	->	Cor- NetTC	TCP	>1023		<i>4060</i>	Softphone <-> PBX
VoIP payload softphone (send/re- ceive)	<->	RTP	UDP	<i>29100</i>	<i>29131</i>	depending on partner conf.	Softphone <-> PBX/IP phone/soft- phone
DLS connection conf. data and SW update deployment	->	HTTPS	TCP	>1023	-	<i>18843</i>	Softphone <-> DLS
DLS "contact me" command	<-	HTTP	TCP	<i>8082</i>	-	depending on partner conf.	DLS <-> softphone
HLM HiPath Li- cense Management	->	TLS	TCP	>1023	-	<i>61740</i>	Softphone CLC <-> CLA CLM <-> CLA
HLM (CLM: CLA autodetection)	->	broad- cast	UDP	>1023	-	<i>23232</i>	CLM
Directory access	->	LDAP	TCP	> 1023	-	<i>389</i>	Softphone <-> LDAP serv- er

See also:

[Settings for Central Configuration](#)

[Settings for Directories/Address Books \(Directory Selection there\)](#)

[Port Restriction Settings](#)

[Settings for Licensing](#)

## Administrator Notes, Tips & Tricks

*Configuration on the HiPath 4000 (AMOs)*

### 11.4 Configuration on the HiPath 4000 (AMOs)

#### 11.4.1 Configuring the HFA Client for optiClient 130 V5.0 on HiPath 4000

German AMOs for HiPath4000:

Every station configured as optiClient must set the following features:

apiclass=tsx and gerkon=optiip+api

Setting optiClient USER at STMI2 with TAPI

Display with: "ab-sbcusu:yyyy;"

Change with

EINRICHTEN-SBCSU:TLNNU=YYYY,ART=OPTI,ANSCHL=IP2,GERKON=OPTIIP&API,  
APICLASS=TSX;" (where YYYY is the station number)

Example:

EINRICHTEN-SBCSU:TLNNU=YYYY,ART=OPTI,ANSCHL=IP2,GERKON=OPTIIP&API,  
APICLASS=TSX,IPCODEC=G711PREF;

Activate DMC for user:

AEND-SDAT:RNR,MERKMAL,DMCERL;

#### 11.4.2 Configuring HiPath 4000 V2.0

German AMOs for HiPath4000:

It is absolutely essential to use a HiPath 4000 V2 with STMI2. The following configuration must be performed for this purpose:

Change DIMSU:

DIMSU: set number of STMIHFA2 hardware  
EINRICHTEN-DIMSU:TYP=SYSTEM,STMIHFA2=X;  
(where x=numbers of STMIHFA2)

Activate DMC system-wide

AENDERN-DIAGS:PROCID=CC,KOMP=CP2,S08=AUS;

STMI2 settings:

EINR-BCSU:PER,1,1,103,"Q2316-X ",3,0,,NEIN,300,700,300,A;  
EINR-HFAB:MTYP=STMIHFA2,LTU=1,EBT=103,IPADR=192.168.1.1,  
NETMASK=255.255.255.0,DEFRT=192.168.1.254;

Change APIMAX

```
AE-ZAND:TYP=CIT,APIMAX=XXXX;
```

Change WSPROT

```
einr-dimsu:typ=applikat,wsprot=xxx;
```

Apimax=XXX (zand) must be set: display with ab-zandTyp=cit;"

Change with "ae-zand:typ=cit,apimax=xxx;"

where xxx is the same number as WSPROT

WSPROT=xxx (where xxx is the number of optiClient stations (+stations with Callbridge for other optiPoint400/500/600)). (dimsu) must be set:

Display with "ab-dimsu:typ=all,param=wsprot;"

Change with "einr-dimsu:typ=applikat,wsprot=xxx;"

### 11.4.3 Configuration for usage of the headset at the USB handset

To use the headset at the USB handset, the following parameters must be set for each call number within the HiPath 4000 :

```
KOPFSG=MITIND (sbcsu)
```

## 11.5 Font Size in optiClient 130

For smooth operation and optimum display in optiClient 130, ensure that the setting **Small Fonts** (normal size is 96 dpi) is entered in the **Size** field under **Desktop Properties - Settings - Advanced - General**.

## 11.6 USB Driver

### USB driver for terminal device control (CTI provider)

Once you have connected the phone to the PC, the hardware assistant activates and prompts you to specify the folder containing the relevant USB driver. This driver can be found in the folder `\Misc` on the installation CD.

## Administrator Notes, Tips & Tricks

### Settings and Notes for Outlook

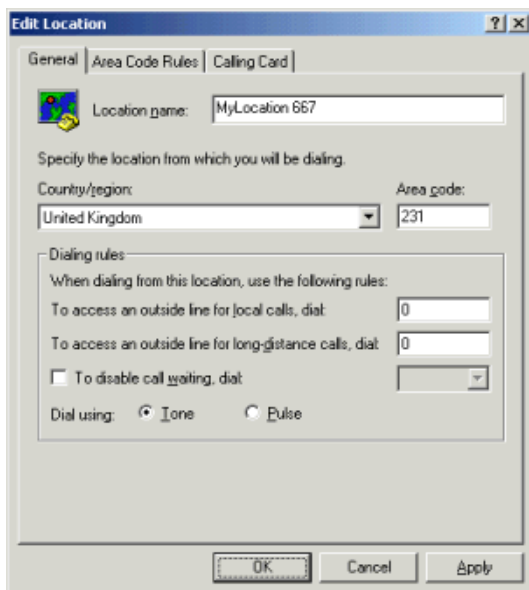
#### USB driver for the Plathosys USB handset CT-180

Once you have connected the Plathosys USB handset CT-180 to the PC, the hardware assistant activates and prompts you to specify the folder containing the relevant USB driver. This driver can be found in the folder \Misc on the installation CD. The Plathosys basic functions are supported.

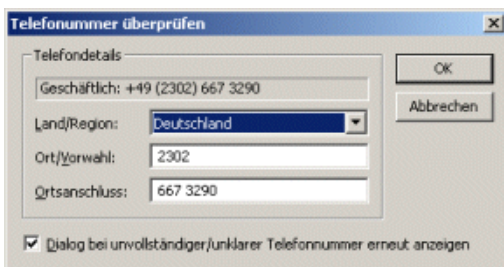
## 11.7 Settings and Notes for Outlook

### Normalization of call numbers in Outlook

In order to enable dialing from Outlook, it is important to enter the location information for Outlook under **Start - Settings - Control Panel - Phone and Modem Options** as shown in the figure below. The location and code information shown in the figure are examples. Enter the parameters for your location here:



The call numbers are then normalized and displayed in Outlook as follows:





## **Updating Outlook contacts in optiClient 130**

When personal contacts are added in Outlook, they must be updated in order to be visible in optiClient 130. A note is therefore displayed in optiClient 130 to inform you about the status of the update.

## **11.8 The optiClient 130 User and Location Concept**

The underlying User and Location Concept in optiClient 130 provides for central management of internal information about **users** (call number, display mode of the optiClient 130, etc.), the **local PC** (audio devices, local hardware, etc.) and the **location** (communication system, network infrastructure, etc.). This enables users to:

- log in from a fixed workplace at a fixed location,
- log in from different workplaces or different users to log in from one workplace at a fixed location (e.g., in a call center without fixed workplace assignments),
- log in at different workplaces at different locations (e.g., from the office or when teleworking from home),

while retaining their familiar and current settings.

## **11.9 Starting optiClient 130 for the First Time with Active Central Configuration (DLS)**

### **11.9.1 Information for Configuration in optiClient 130**

If central configuration is active, the following points must be taken into account before the optiClient 130 program is started for the first time. In addition, specific settings must be taken into account in the optiClient 130 user configuration:

- **Logon**

It is mandatory to enter the terminal number as the **Login** when logging on to optiClient 130. A DLS connection is not possible if a user name is specified instead of the terminal number.

An optional setting must also be entered under **Location**.

A **password** can be set.

See also:

[Logging In](#)

## Administrator Notes, Tips & Tricks

### *Starting optiClient 130 for the First Time with Active Central Configuration (DLS)*

- **Parameters for central configuration**

If the DSL socket (IP address with associated port) is not stored in the DHCP server or the DNS in the current IT environment, the current DLS socket must be specified in the **Central configuration** configuration dialog in optiClient 130.

If a "workpoint scan" with DLS socket distribution is scheduled at the DLS, this configuration can be skipped in optiClient 130.

See also:

[Settings for Central Configuration](#)

- **Audio profile**

An audio profile must be configured in optiClient 130.

See also:

[Settings for Audio Control](#)

## 11.9.2 Functional Restrictions in optiClient 130

The following functional restrictions occur when using DLS V1.0:

- **Mobility functional restrictions**

At present, DLS manages its terminal data on the basis of the MAC addresses. Consequently, the optiClient 130 cannot be used in turns in conjunction with the DLS by multiple users with different user profiles if these user profiles also integrate the DLS. You can only use a DLS-active user profile. In this case the user profile represents all configuration parameters symbolized by the login (here the call number), location, and the computer name.

- **Using different network cards**

If optiClient 130 is operated with a DLS, it cannot be operated over different network call types (LAN, WLAN, ISDN, VPN) because the DLS obtains its unique assignment over the MAC address.

## 11.9.3 General Information

- A optiClient "Plug & Play" (PnP) configuration at/within the DLS is only possible by using the MAC address. We do not recommend PnP configuration based exclusively on the call number because an optiClient profile is sometimes sent to the wrong client when the optiClient 130 logs on to the DLS for the first time (call numbers mixed up). A third-party call number can then be used with this incorrect profile.
- If the optiClient 130 is operated with a DLS, it is mandatory to use the terminal number as the **Login** when logging on to the optiClient 130. A DLS connection is not possible if a user name is specified instead of the terminal number.

- If optiClient 130 is operated with a DLS, please ensure that there is only one optiClient profile that integrates the DLS. The user is responsible for this. Ignoring this can lead to local profile data loss.

## **Administrator Notes, Tips & Tricks**

*Starting optiClient 130 for the First Time with Active Central Configuration (DLS)*

## 12 Quick Reference Guide for optiClient 130 V5.0

For more detailed information, please refer to the Reference Manual or the online help for optiClient 130 V5.0. This section provides you with the all the information needed to start working quickly with optiClient 130 V5.0. A fully installed and configured system is required for this purpose.

### Starting the program

- Via: *Start - Programs - Siemens - optiClient*
- or by selecting the program shortcut installed on the desktop.

### Login / Initial Login

- In order to log on to optiClient 130 V5.0, you will need your *logon* and the associated *password*. Depending on your installation, you may also be able to select a *Language* and a *Location* and enter a *LIN* (Local Identification Number). The location must always be entered when users log on for the very first time.
- If configured in the user settings, you can switch from Logon directly into *Settings with Management* to edit program settings.

### Program settings

In the *Settings*, you can define your individual preferences for various modules. Details are available in the online help for the individual Settings dialogs.

- Open the Settings dialog from the login screen with *Settings* or
- open the Settings dialog during an ongoing session via *Settings* from the optiClient 130 V5.0 menu (right-click an unassigned area on the main bar).
- **Note:** The type and scope of settings available will vary, depending on how you open the Settings dialog, since some parameters need to be loaded directly at login.

### Display

The central element is the *main bar*. The Phone window as well as directories and call lists can be docked to the main bar. The main bar and all associated windows can be minimized.

- *Integrated phone* with display and, where applicable, other keys.
- *Audio Buttons* on the main bar provide basic functions such as "Lift Handset" (green) and "Replace Handset" (red) and enable additional configured audio devices (speaker, headset, etc.) to be activated or deactivated).
- *Forwarding menu* on the main bar opens on clicking the menu icon and is used to set and activate call forwarding items.
- *Telephony Buttons / Telephony Menu* on the main bar open on clicking the Telephony menu button on the main bar and enable communication system-specific telephony functions.
- *Volume control* and *Volume menu*

## Quick Reference Guide for optiClient 130 V5.0

- The *Module menu* on the main bar opens on clicking the Module menu button on the main bar and enables functions from installed/configured components (modules)
- *The optiClient 130 V5.0 menu* is opened as a context menu of the main bar (right-click an unassigned area on the main bar) and provides some general functions.

### Using the phone

- Available as integrated and/or free phone.
- The *Display* is used in the dialog with the connected communication system (call displays, menu prompts for the service menu).
- The *function*, *dialing*, and *dialog keys* can be activated (optional) and operated like the keys available on a desktop device.

### Using the easyCom communication circle

- The large central circle symbolizes you (your call number). Other participants are shown in small connection circles.
- Flashing circles indicate connection requests (incoming or outgoing)
- If you position the cursor on a connection circle, a ring appears. You can activate telephony functions in the ring and also in the context menu for the connection circle.
- To establish a connection, enter the *Call number* and then click *Call*.

### Accepting a connection request

A connection request can be accepted in various ways:

- Press the green “Lift Handset“ button
- Press the key on the PC keyboard that was configured system-wide for acceptance.
- If you have a configured terminal with a handset, pick up the handset.
- If the easyCom window is active, drag the flashing connection circle into the central circle.

### Disconnecting an active connection

An active connection can be disconnected in various ways:

- Press the red "Replace Handset“ button
- Press the key on the PC keyboard that was configured system-wide for disconnecting.
- If you have a configured terminal with a handset, replace the handset .
- If the easyCom window is active, click the "Disconnect" symbol on the ring for the connection circle or drag the connection circle out of the central circle.

### Setting up a connection

You have various options here as well:

- Use the key field of the optiClient 130 V5.0 phone.
- Use the number keys on your PC keyboard
- Search for a contact from a directory and dial that contact directly from its context menu (right-click).

- Drag the contact from the contact directory to the display.
- Add a number to the display from the Windows clipboard. ("copy & paste").
- Drag the number to the display ("Drag & Drop").
- If the easyCom window is active, you can enter the phone number in a field (or use "copy & paste" to add it) and then click the *Call* button.

### Dialing with Copy & Paste

You can copy a highlighted extension number from any other program, such as a word-processing program, by using the **Strg**+**C** (or **CTRL** +**C**) keyboard shortcut and then paste it into the display field of the optiClient 130 V5.0 phone with **↑**+**Einfg** (or **SHIFT** + **Insert**) (without the trunk access code) or with **Strg**+**V** (or **CTRL** + **V**) (with the trunk access code). The connection is established to the number.

### Dialing with Drag & Drop

You can dial a highlighted extension number from any other program, such as a word-processing program, by dragging it with the mouse and then dropping it onto the display of the phone. The connection is established to the number without the trunk code or with the trunk code (if the **Strg** (or **CTRL**) key is pressed simultaneously).

### Contact directory

- To open the contact directory, select *Contact directory* from the Module menu.
- Use the input field to search for all or part of a name.
- Set up a connection from the window from the context menu of a contact to a stored extension number.
- For new contacts, in addition to the *Last Name* and *First Name*, enter media data (Phone numbers with a description and Email addresses with a description).

### Directories and Address Books

- Open a new directory window with *New Directory* from the module Module menu and select a configured directory.
- Search in the directory window by entering a name or part of a name.
- Set up a connection from the Search Results window from the context menu of a contact to a stored extension number.

### Call lists

- Open Call List Administration with a Call Lists button on the main bar of via *Call Lists* from the Module menu.
- If required, select the desired call list in the window.
- Set up a connection from the context menu of the list entry (right-click) to a contact/caller.
- From the context menu of an entry, delete the call list entry/the call list/all call lists.

### Contact list

- To open the Contact list, choose *Contact list* on the Module menu.

## Quick Reference Guide for optiClient 130 V5.0

- Use the context menu in the Contact list to assign new Groups or Subscribers. You can also use the Drag & Drop technique to drag contacts from directories or from the contact directory to the contact list.
- You can use Drag & Drop to assign contacts to groups in the contact list. If you hold down the **Strg** or **CTRL** key while doing so, another link to the contact is created.
- Click the arrow symbol to the left of the group / contact to switch to and from the extended view.
- You can establish a connection in the extended view of a Contact by clicking the Phone number.

### Telephony Functions and Service Menu

All functions and features of the connected communication system are made available in the display field and can be scrolled / confirmed by using telephone keys. You can program frequently used functions or the call numbers of frequently contacted partners on function keys and then access them easily via a simple mouse click.

### Extended keypad

- Open the extended keypad from the module menu with *Extended keypad*.

### Programming feature keys

- Select the "Service Menu" key, scroll in the display field until the entry "Prog. Feature Key" and confirm your selection.
- Press the key to be programmed and confirm the "Change?" prompt.
- Select one of the functions offered by the communication system and confirm the "new function". Then "save" the selected function.

### Key captions

- Select "Change captions" from the context menu of the key and enter the text for the caption.

### Documentation / Online Help

The documentation for optiClient 130 V5.0 is supplied in the form of a PDF file. To open the Online Help for optiClient 130 V5.0, click the "?" on the main bar. You can obtain context-specific help for the window or dialog currently open by pressing F1 or clicking the "?" in the window's title bar.



# Glossary

## Central configuration

(also called DLS / DLC **D**eployment **S**ervice / **C**lient). In a central configuration, the required configuration data is stored by applications in a central tool. The applications can then retrieve the relevant parameters here.

## Codec

Acronym that stands for **C**ompression and **D**ecompression. Codec refers to a software or hardware function unit that converts audio or video signals in real time according to specified procedures. Codecs work with different compression algorithms that influence image or sound quality and continuity of display and transfer. Defined codecs are used for communication between optiClient 130 and HiPath 3000/4000/5000.

## Communication system

Communication service provider for voice connections, for example, the PBX system in the network. HiPath 3000/4000/5000

## Contact directory

Every user in optiClient 130 has a contact directory in which individual contacts can be entered and managed. Users can then set up a connection directly to the entered contacts. Contact information from other directories can also be easily imported into the contact directory.

## Dialog keys

Keys for navigating the Service menu, made available in the optiClient 130 display by the communication system.

## Directories

optiClient 130 provides The following basic directories are available: These directories may be managed centrally (e.g., LDAP directories) or locally (in other applications). In optiClient 130, users can display and search for entries and also set up connections directly with individual contacts.

## Display

optiClient 130 phone component; corresponds to the display on a telephone (desktop model). Used for interaction with the connected communication system (scrolling functions, Service menu)

## DLS / DLC

**D**eployment **S**ervice / **C**lient (or also central configuration). In a central configuration, the required configuration data is stored by applications in a central tool. The applications can then retrieve the relevant parameters here.

## Glossary

### EKL

Electronic **K**ey **L**abeling refers to the automatic labeling of a key on a device or in optiClient that was programmed with a function with the appropriate text by the connected communication system.

### Extended keypad

Optional keypad with one or more columns providing programmable function keys.

### Function keys

Programmable keys in the optiClient 130 phone (partially preprogrammed by the communication system) and in the extended keypad.

### Gatekeeper

A gatekeeper is a central control element in networks for routing signaling information and for the conversion and translation of phone numbers and IP addresses. In addition, the gatekeeper also provides bandwidth management within the framework of the QoS (Quality of Service).

### Info area

Taskbar area (usually on the right-hand side of the taskbar) where a small optiClient 130 program icon can be created.

### Key module

Extension for a device on which freely programmable function keys are available. In optiClient 130, existing key modules are displayed for a user as columns in the extended keypad and are operated and handled in accordance with the selected key module type.

### Keypad

optiClient 130 phone component that contains the (preprogrammed) function keys, number keys, and dialog keys.

### LDAP

LDAP (Lightweight Directory Access Protocol) is a TCP/IP-based directory access protocol that has established itself on the Internet and intranet as a default solution for accessing the network directory service for databases, e-mail, memory areas, and other resources.

### LIN

Local Identification Number

### Module

optiClient 130 component that provides functions.

### Quality of Service (QoS)

Quality of Service (QoS) refers to all procedures which influence data flow (audio data in this case) in LANs and WANs in such a way that the recipient receives a fixed level of audio service quality.

### **Taskbar**

Windows element which is usually located on the lower part of the desktop. Contains information on active applications (and facilitates changeover to these) and the information area.

### **Virtual Private Network (VPN)**

A Virtual Private Network (VPN) generally refers to a closed, logical network that is established for a specific user group. A VPN always uses the public access transfer networks where the connections are provided by a public carrier. Users build their private network on these transmission paths. They can access to security mechanisms, such as identification and authentication of network stations to prevent unauthorized persons gaining access to the VPN.

**Glossary**

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