



USER MANUAL PBX Assistant

Version 1.0





Dear customer,

let us congratulate you on having purchased the $2N^{\circ}$ OMEGA Lite system. This new product has been developed and produced in order to provide the maximum utility value, quality and reliability to the user. We hope you will be fully satisfied with the $2N^{\circ}$ OMEGA Lite for a long time.



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1. Introduction to 2N^O PBX Assistant

In combination with the $2N^{\circ}$ StarPoint digital key phone, the $2N^{\circ}$ PBX Assistant application provides the highest $2N^{\circ}$ OMEGA Lite user comfort.

It gives you full control of your telephone line and access to all client settings.

With your PC keyboard, you can control the basic telephone services such as:

- Handset pick-up for HandsFree mode
- Entering telephone numbers
- Call switching
- Hang-up
- Call volume control





2. 2N^O PBX Assistant Putting in Operation

Before putting the $2N^{\hat{O}}$ PBX Assistant in operation, make sure that the $2N^{\hat{O}}$ XAPI Server SW, which creates the interface between the $2N^{\hat{O}}$ OMEGA Lite PBX and the $2N^{\hat{O}}$ PBX Assistant, has been installed and licensed properly.

2.1. 2N^O XAPI Server Installation and Putting in Operation

What you need:

- 2N⁰ OMEGA Lite PBX, v. 4.05rev14 and later
- 2N^O XAPI Server SW (part of the installation CD), v. 1.17E and later
- PC serial port PBX interconnecting cable (included in PBX delivery)

• PC supporting WIN XP, Vista (minimum configuration: Pentium III./512 MB RAM/800 MHz)

What to do:

- Interconnect the PBX (RJ12 socket on the left-hand side of the PBX) and your PC (serial port with a CANNON 9-pin connector) using the serial interconnecting cable.
- Install the 2N⁰ XAPI Server SW from the CD and launch it.

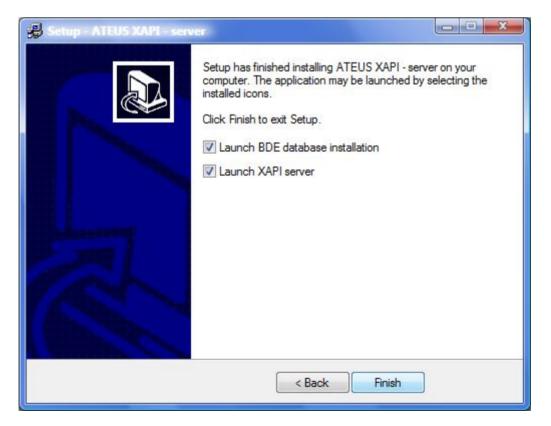
You are recommended to install the $2N^{\circ}$ XAPI Server SW to a dedicated PC.

Drivers	\otimes
XAPI Server	
SW interface between the connected equipment and applications	





Follow the installation guide's instructions while installing.



Be sure to enable the BDE database installation before initial installation.



Once the XAPI server has been launched, the basic window is displayed with module buttons (PBX, BIN, client, licence, database, SMS, XML). If the installation was successful, the module keys on the panel relax. A blinking red exclamation mark signals errors, if any.

🚱 ATEUSXA	PI Server		X
Action Set	Help		
Ω₩₽	₽ 🔒 🖂	*	*

Select the PBX setup parameters in the PBX module:

- COM PC serial port
- TCP (VoIP module IP address if available in the PBX, Port 6812)
- COM Baud rate (typically 57,600)

ATEUS XAPI Server	
Ω <u>↔ № ೪ ⊌</u> № © PBX	
9 9 1 P	8 Start 8.11.2008
PUX Setup Called number assign	ment Debug
COM Trace Timin Port:	ng Number conversion
BaudRate:	57600 💌
ОК	X Cancel



Insert the required licence. To obtain the licence, contact the supplier, specifying the SrvId/BXId number obtained by selecting MENU – Help - About application.

20	XAPI [®] Server (2) Version: 1.17 H SrvId: 06E8-A647 PBXId: 0704/50166 Copyright 2002-08 2N Telekomunikace a.s.

Licences are granted for a certain number of users (clients) and period of time. Insert the obtained licence in the Licence module with P after pressing D Enter licence.

		XAPI Sen et Help	1 1	<u>s</u>		
g)	licence	5			Ŀ	- 0 <mark>- x</mark>
B				%		
Тур	Way	Users	Active	Function	Expiry	Firm
0	ADD	3	3	ADM		
С	ADD	5	5	STS-CTI-CMD		0
J	ADD	5	5	SMS-SMR	06/12/08	8
Н	ADD	5	5	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	
Н	ADD	8	8	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	4
н	ADD	56	56	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	6
в	ADD	5	5	STS-CTI	06/12/08	в
н	ADD	5	5	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	E

A licence consists of two components.





Upon confirmation, the licence is displayed in the list of licences.

G Ac Ω		KAPI Sen et Help	1 1	¥ 🔬		
G	Licence	ŝ				. 0 ×
B	1			%		
Тур	Way	Users	Active	Function	Expiry	Firm
0	ADD	3	3	ADM		
С	ADD	5	5	STS-CTI-CMD		0
J	ADD	5	5	SMS-SMR	06/12/08	8
н	ADD	5	5	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	
н	ADD	8	8	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	4
н	ADD	56	56	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	6
в	ADD	5	5	STS-CTI	06/12/08	в
н	ADD	5	5	STS-CTI-CMD-AUT-SMS-SMR	06/12/08	E
	ADD	5	5	ISTS-CTI-CMD		In

Now you can create users (clients) in the Users module by pressing $\boxed{\mathbb{N}}$ and then $\boxed{\mathbb{L}}$.

ATEUS XAPI S			
Action Set He	elp		
<u> </u>	8 🛛 🐉 🚦	8	
Dears			- 0 - x
e cana			
		<u></u>	
Name	Attributes	<u>S</u> Lines	Firm



Name:	John		
Passw	ord:		
	ts STS I CMD CTI I AUT SMS I SMR	☐ 17 (SYS) ☐ 13 (SYS) ☐ 14 (SYS) ☑ 14 (SYS) ☑ 16 (SYS) ☐ 16 (SYS)	A III
Firm:	0-Assistant-2N H-SMS Gate-2N	12 (SYS) 18 (IL) 19 (IL)	-
	I-TrayCTI-2N J-JazzMan K-Byznys-Win	X Cancel	

Enter:

- Name

- Pass (Password)
- Line
- Rights -STS, CTI, CMD (in conformity with the licence granted)
- Firm = application = O-Assistant

ج 👧 🔊		1	
Name	Attributes	Lines	Firm
UPER	ADM		000
lohn	STS-CTI-CMD	11	0





2.2. 2N^O PBX Assistant Installation

What you need:

• 2N⁰ OMEGA Lite PBX, v. 4.05rev14 and later

• Running $2N^{O}$ XAPI Server SW (part of the installation CD), v. 1.17E and later

• PC serial port - PBX interconnecting cable (part of the PBX)

• PC supporting WIN XP, Vista (minimum configuration: Pentium III./512 MB RAM/800 MHz)

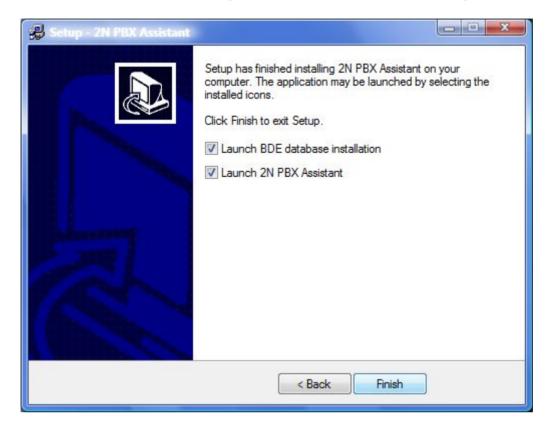
What to do:

• Install the 2N^{*O*} PBX Assistant from the CD and launch it.

Software	8	
PBX Assistant SW application for 2N StarPoint		
🚇 Setup - 2N PBX Assistant		
	Welcome to the 2N PBX Assistant Setup Wizard	
	This will install 2N PBX Assistant 1.01 on your computer.	
	It is strongly recommended that you close all other applications you have running before continuing. This will help prevent any conflicts during the installation process.	
	Click Next to continue, or Cancel to exit Setup.	
Can.		
	Next > Cancel	



Follow the installation guide's instructions while installing.



Be sure to enable the BDE database installation before initial installation.

When the application	hac hoon	Jounchod	the leain	dialoguo ig	have lave
	1103 0001	iaunuleu.		ulaiuuue is	s uispiaveu.

PBX user		
User:		
Password:		
Line:		
XAPI Server	127.0.0.1	
	OK X Cancel	1

To run the application for a test period (of 30 days) without any licence, select the PBX user item.



Line:	11	
Password:	****	1
User:	John	
XAPI Server	127.0.0.1	

Enter:

- Line telephone line number
- Password telephone line password (PBX default setting = 1111)
- User User name for information only
- XAPI Server IP address of the running 2N⁰ XAPI Server

If the $2N^{\hat{O}}$ PBX Assistant licence has been inserted in the $2N^{\hat{O}}$ XAPI Server, then use the initial login dialogue.

User:	John
Password:	xxxx
Line:	11
XAPI Server	127.0.0.1

Enter:

- User user (client) created in 2N^O XAPI Server
- Password user (client) password created in 2N^o XAPI Server
- Line user (client) line created in $2N^{\circ}$ XAPI Server
- XAPI Server IP address of the running 2N^o XAPI Server



Upon login confirmation, your PC displays an image of the telephone set connected.



This means that the installation has been completed successfully



3. 2N^O PBX Assistant Description

In combination with a telephone set, the 2N^O PBX Assistant is a convenient tool for making calls, setting telephone functions (assignment of functions to programmable buttons, printing out button labels, etc.) and activation/deactivation of complementary services (MobilityExtension, call forwarding, short dialling, etc.).

The graphical telephone set is fully functional and can be controlled with a "mouse". All the programmable buttons, including the signalling LEDs, are identical with the buttons on your physical telephone.

3.1. Display

You can read the current "status" of the connected telephone any time on the display.

Display information layout:

PBX time - left-hand upper corner CLIP - middle upper section Text status - middle bottom section Graphical status - right-hand upper corner Call tariff metering - right-hand bottom corner

The calling line identification/restriction (CLIP/CLIR) is displayed as a number. If a match is found in the PBX name list and/or in the short dialling list, if available, the respective name is displayed.

The line is at relax (inactive).

22:16		
	Relax	

The line has been seized (active HandsFree or picked-up handset).



The line is calling number 17.





The line is making call with number 17.



The call has been terminated and the handset/HandsFree remains active.



The showroom is calling you.



You are holding line 17 and the handset/HandsFree remains active.





3.2. Keypad

The keypad is active and fully functional. To press a key, use the left mouse button. To correct your dialling, use the programmable ESCAPE button.



3.3. Handset

Using the right mouse button, the handset activates/deactivates the HandsFree mode, or terminates the call as the current line status may be.

Line at relax







Line in a status other than relax



3.4. + - Buttons

The PLUS and MINUS buttons help increase or decrease the call or ringing volume according to the current line status.



3.5. MENU Buttons

By pressing the button, you enter the MENU (application settings, ME, call forwarding, call status displaying, etc.).

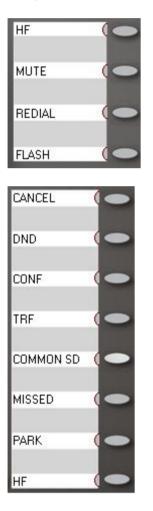
The buttons are inactive.



3.6. Programmable Buttons with Active LEDs

These buttons indicate the settings of your telephone set. Here you can select the settings that are the most convenient to you. Be careful while changing the settings.

The default settings for the 2N StarPoint (BASIC, ECONOMY, STANDARD) telephones are as follows:



3.7. Hide, Minimise, Terminate Buttons

These buttons are located in the right-hand upper corner of the graphical telephone and help hide, minimise and terminate the application.



4. 2N^O PBX Assistant MENU

To enter the MENU, press



The MENU includes:

- Action
- Set
- Show
- Help



4.1. Set - Application



Select Set - Application.

4.1.1. Set – Application-Contact

Define how the application should behave whenever the line status changes (relax, line calling, line ringing, etc.).



Contact Phone Keypad Sounds Skins	Tanır Menu
🔽 Minimise at relax	
🔽 Window activation at comming call	
🔽 Window activation at other state than rela	×
Show called	
Local database of contacts	
How to minimise and restore	
C Minimise to taskbar	
C Hide to tray and show skin	
C Hide to tray and show info	Contacts
Hide to tray and show info with DBF	C Numbers C Note

Enable the following:

- **Minimise at relax** the graphical telephone is minimised at relax into a taskbar.
- Window activation at incoming call the graphical telephone gets enabled upon an incoming call ring.
- Window activation at other state than relax the graphical telephone gets enabled whenever your line becomes active.
- **Show called** displays the line to which an incoming call has been directed (a multi-company operator).
- Local database of contacts displays local client contact databases (firm, representative, contacts, notes).

Set minimisation and restoration:

- **Minimise to taskbar** the graphical telephone is minimised into a taskbar.
- Hide to tray and show skin the application is hidden in the sicon in the tray and restored, as predefined above, in the form of the graphical telephone.
- **Hide to tray and show info** the application is hidden in the sicon in the tray and restored, as predefined above, as a simplified window in the right-hand bottom corner of the monitor (to keep you informed of your telephone traffic without disturbance).



Hide to tray and show info with DBF – the application is hidden in the icon in the tray and restored, as predefined above, as a simplified window in the right-hand bottom corner of the monitor (this keeps informed of your telephone traffic without disturbance). Simultaneously, the local database gets displayed. Select the preferred items (contacts, telephone numbers, notes).

Is calling you				
Shov	vRoom			
2	~	9 🖪		

4.1.2. Set – Application-Telephone

Here define how to "pick-up" or "hang-up" the line by clicking the left mouse button on the handset and what number to dial to select the Seizure of PSTN line.

Handset action C DblClick C Click	ypad Sounds Skins Tariff Mer ToPSTN 0	
	DK X Cancel	

Enable the following:

- **Handset action DblClick** double left button click on the handset = pick up/hang up depending on the preceding line status.
- **Handset action Click** single left button click on the handset = pick up/hang up depending on the preceding line status.
- To PSTN a DTMFcharacter used for seizing a PSTN line default char
 = 0.



4.1.3. Set – Application-Keypad

Here assign the most frequent functions to function keys. There are two control options (typically Function keys and free selection keys).

Speaker Volume UP	F5 F6	Num Del
Volume DOWN	F7	Num -
Flash	F8	F
Transfer	F9	T

Assign the following:

- **Speaker** line pick-up and hang-up.
- Volume UP increase the call/ringing volume as the line status may be.
- Volume DOWN turn down the call/ringing volume as the line status may be.
- **FLASH** interrupt the current loop (for call switching or any other service).
- **Transfer** terminate call switching on the key phone (TRF button).

4.1.4. Set – Application-Sounds

Here select the sound to announce the application start/end. Two basic sounds are included in the application and are in the directory tree on the application installation location.

Typically: c:\Program Files\2N Telekomunikace a.s\2N Omega Assistant\1.00I\Sounds\.

Contact Phone Keypad	Sounds Skins Tariff Menu
Application start	
Application end	
Connect to line	Connect.wav
Disconnect from line	Exit.wav

4.1.5. Set – Application-Skins

2

Here enable modifications to the graphical telephone displayed.

Set
Contact Phone Keypad Sounds Skins Tariff Menu
 ✓ Modify fonts ✓ Modify functions
Only display instead of phone skins
OK Cancel

Select:



- Modify fonts enable/disable to change the fonts used for messages on the shown graphical telephone or its display. To change the font (enter font editing), click on the item with the right mouse button.
- **Modify functions** enable/disable to change the settings of the programmable buttons.
- **Only display instead of phone skins** this selection shows the graphical telephone display instead of the whole apparatus.

🔽 2N Telekomunikace a.s.		
	Busy	

4.1.6. Set – Application-Tariff

Here define whether, in which currency and with which delimiter the tariff metering data should be displayed during a call.

Call tariffs are displayed for outgoing calls on lines that support receiving of tariff pulses (CO line with tariff metering, ISDN).

Set	×
Contact Phone Keypad Sounds Skins	Tariff Menu
Accept tariff pulses	v
Currency	\$
Delimiter	
🗸 ОК	Cancel



4.1.7. Set – Application-Menu

Here select which settings, except for the Application ones, may be selected (visible) in the MENU.

Contact Phone Keypad Sounds Skir Enable Setup menu items Language Password Buttons Forwarding ME Volumes and tones	ns Tariff Menu
🗸 ок	X Cancel

4.2. Set - Language

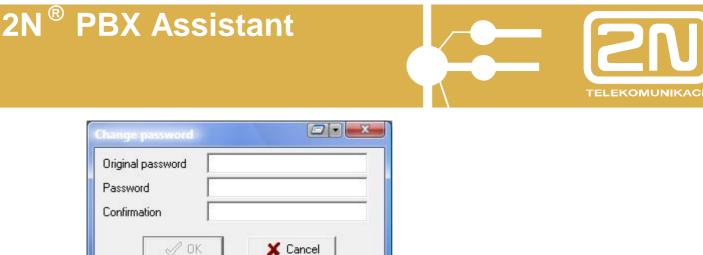
Here select the language for communication (line statuses, settings, etc.).

Select:

- CZ Czech
- ENG English

4.3. Set - Passwords

To log in as a PBX user, change the login password here to get access to the blocked PBX functions (line locking, etc.).



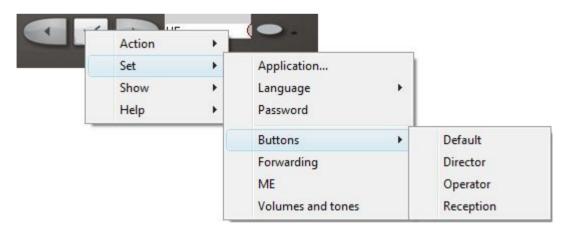
Enter:

- **Original password** initial login password (default = 1111).
- **Password** new password.
- **Confirmation** re-enter the new password.

4.4. Set – Buttons

4.4.1. Automatic

To assign functions to the buttons automatically, use MENU – Set - Buttons. Except for the default version, the remaining automatic assignments are made only if an additional key phone module is available. Otherwise, manual assignment must be used.



4.4.2. Manual

All programmable buttons can be assigned manually.

To start setting, click on the key to be programmed with the right mouse button.



HF		
111	Button function	

Now click on the Button function with the left mouse button to display the setting menu.

Select key		X
Туре		•
	Line Function Service Common short dial	

Select the Type and ID:

- Line list of internal (subscriber) and external (CO) lines
- Function list of selected key phone functions
- Service list of PBX services
- Common short dial list of short dials

Туре	Line	
Type Id	11	
	11	
	12	-
	14	E

Туре	Line	-
Id	17	•
.u.,		

Confirm the setting with the OK button.



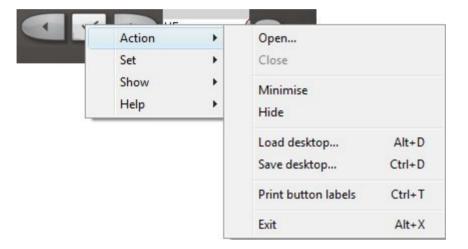


Any change in setting affects the function of the key phone connected.

4.4.3. Button Labels

Having assigned the functions, you can print out the button labels of the telephone connected.

Enter the MENU with and select Action - Print button labels.







Here you can modify the button label texts, preview the print output, or select the paper format.

Press the Print button to print out the button labels.





4.5. Set – Call Forwarding

Here define whether and to which line your line should be forwarded.

Always	Follow me	Busy	No answer	BabyCall	To PSTN
-	-	- -	•		
		🗸 OH		🗙 Cancel	

Set any of the following:

- Always immediate forwarding.
- Follow me the selected line rings on my telephone.
- **Busy** forward the call if my line is busy (I am calling).
- **No answer** forward the call if I fail to answer.
- **BabyCall** forward the call immediately upon pick-up to the selected line.
- **To PSTN** enter the PSTN telephone number for call forwarding (outside the PBX).

Calls may be forwarded to:

- Another subscriber line forward the call to an internal line number.
- **ARS (0-3)** "I'm calling service ARS 0-3". Enter the following number into the To PSTN column.
- **Dept.1-8** forward the call to department 1-8.
- **OPER** forward the call to the operator.
- **Trunk1-8** forward the call via the CO line trunk. Enter the following number into the To PSTN column.
- **PSTN** forward the call via the outgoing CO line trunk. Enter the following number into the To PSTN column.



4.6. Set – ME - MobilityExtension

If the MobilityExtension service is active in your PBX, you can make the following settings too.

Name	Jan
Number	601222333 🛛 🗸 🗶
Call at day	After 4 rings
Call at night	Immediately 💌
SMS after n	eceived ME call

Enter:

- **Name** user name to which the ME call is directed.
- **Number -** user number to which the ME call is directed.
- **Call at day** DAY calling mode (immediately, never, after xy rings on your line).
- **Call at night** NIGHT calling mode (immediately, never, after xy rings on your line).
- Send SMS define whether information SMS should be sent.
- SMS after received ME call if a call was received on the ME number.
- **SMS after non-received ME call** if the call was answered neither on the ME nor the original line number.
- **SMS after non-received ME call every time** if the call was not answered on the ME number but could be received on the original line.



4.7. Set – Volumes and Tones

Here select the volumes and tones of your 2N StarPoint key phone for variable statuses.

HandsFree volume Image: Im	KeyClick Volume								V
Ring volume I <td< td=""><td>Handset volume</td><td>-</td><td>1</td><td>18</td><td>4</td><td>18</td><td>2</td><td>Ţ</td><td>1</td></td<>	Handset volume	-	1	18	4	18	2	Ţ	1
LCD contrast Image:	HandsFree volume	 	т,	10	Ţ	1	2	5	1
Internal call Berlin phone External call Moonwave Alarm clock Buzzer Door communicator Blompt! Call return Blue Sky /IP call Frozen Decent Next call Holy melody	Ring volume	[1	1	Ţ	1	4	,	
External call Moonwave Alarm clock Buzzer Door communicator Blompt! Call return Blue Sky /IP call Frozen Decent Next call Holy melody Back call Weaky Giraph	LCD contrast	Ļ		Į	Ϋ́	1	4	r.	2
Alarm clock Buzzer Door communicator Blompt! Call return Blue Sky /IP call Frozen Decent Next call Holy melody Back call Weaky Giraph	nternal call	Be	erlin p	hon	e				-
Door communicator Blompt! Call return Blue Sky /IP call Frozen Decent Next call Holy melody Back call Weaky Giraph	External call	M	oonv	vave					-
Call return Blue Sky /IP call Frozen Decent /IP call Frozen Decent Next call Holy melody Back call Weaky Giraph	Alarm clock	Bu	ızzer						+
/IP call Frozen Decent Next call Holy melody Back call Weaky Giraph	Door communicator	Ble	ompt	ļ					-
Next call Holy melody	Call return	Bl	ue S	ky					-
Back call Weaky Giraph	/IP call	Fre	ozen	Dec	ent				-
	Next call	He	oly m	elod	y				-
Special call	Back call	W	eaky	Gira	aph				•
	Special call	Sp	ecia	l cal	1				•

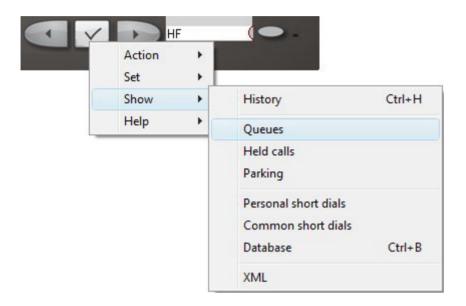
Select:

- KeyClick Volume acoustic signalling of the key phone button pressing.
- Handset volume handset volume control.
- HandsFree volume HandsFree volume control.
- **Ring volume** ringing volume control.
- LCD Contrast display contrast control.
- Internal call subscriber line ringing type.
- External call CO line ringing type.
- Alarm clock alarm clock ringing type, if enabled.
- Door communicator door communicator ringing type.



- **Call return** call return ringing type.
- **VIP call** ringing type for telephone numbers included in the personal key phone short dialling list.
- **Back call** ringing type for lines that have blocked the call by Waiting for release.

4.8. MENU - Show



4.8.1. Show - History

Select this item to display the history of your calls.

	B 11 17 5	0 🛞	8	1	> II 🗆	Ø k				
No	Date	Time	Line	ld	Way	State	Clip	Name	Park	-
12	08\11\08	22:27:04	14	321	INN	IL7	17	17		0
13	08\11\08	22:29:45	14	327	INN	IL7	17	17		
14	08\11\08	22:31:07	14	329	INN	IL7	17	17		
15	08\11\08	22:38:01	14	330	OUTN	IL7	17	17		
16	08\11\08	22:42:45	14	333	INN	IL7	17	17		
17	08\11\08	22:48:42	14	335	INN	IL7	17	17		١.

Calls may be filtered according to direction (outgoing calls, answered incoming calls, missed incoming calls) or time (calls made throughout a day, week, month). For selection use the and we buttons.





For example, to call back to a missed incoming call, select the appropriate line with the left mouse button and press 2.

By pressing 🔊 you enable the HandsFree mode on the key phone connected.

By pressing the setting button you display a special call recording application dialogue, the so-called VisualRecorder.

4.8.2. Show - Queues

Select this item to display the list of queued ringing incoming calls. There may be up to four calls in a queue.

11:25	Queues 🗆 🖬 🛛
Show room	Costumer care
Is calling you	

To answer a queued call, double click on the respective queuing place with the left mouse button. Your preceding call, if any, will appear among the Held calls. If your preceding call was just ringing, it will get displayed in the Queued calls.

4.8.3. Show - Held Calls

Select this item to display the list of your held calls.

	x

To return to any of the held calls, double click on the call with the left mouse button. Your preceding call, if any, will get displayed in the Held calls. In this way, you can switch easily between the calling/called subscribers (Call alternation).

4.8.4. Show - Parking





By selecting this item you display the list of calls parked at parking places. There may be up to nine calls in the parking zone.

1 -	Show	room	 	
2:		2004	 	
3:				
4:				
5:				
6:				
7:				
0 -				

Double click on the respective line (1-9) in the Parking zone with the left mouse button to park a call and/or return to the parked call.

All subscriber lines share the available parking places. This means that all subscribers can see the parked calls and select and, if necessary, continue a call you have parked.

4.8.5. Show - Personal Short Dials

This item displays the list of Personal short dials.

🚱 Personal short dials 💷 🔍 其
1-28 29-56 57-84 85-112

These items are unique for each key phone user and their maximum number is 112 per user.



You can store any number to be dialled into an internal and/or external network. To dial any of the stored numbers, click on the appropriate item with the left mouse button and the number will be dialled automatically.

4.8.6. Show - Common Short Dials

This selection displays the list of Common short dials.

😥 Common short dials	
1-50 51-100 101-150 151-200	
John	
·	

These dials are common to all users and their maximum number is 200.

The common short dials are used for creating the list of the MobilityExtension numbers. Such numbers can be identified easily because they may be edited by the owner of the particular service only.

To dial any of the stored numbers, click on the appropriate field in the list with the left mouse button and the number will be dialled automatically.

4.8.6.1. Short Dial Setup

To create a personal short dial, click on the appropriate button in the Personal short dials or Common short dials with the right mouse button. This displays a dialogue for you to set up the short dial.

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Name			
Number			
Call type			•
			1
		🗙 Can	
onimon sh	OK		

Enter:

- Name name of the short dialling.
- **Number** telephone number.
- **Call type** select Internal for internal calling or services, or Automatic for automatic outgoing calls to an external telephone network.

Confirm your selections with OK.

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4.8.7. Show - Databases

The application includes a client database of Firms and Contacts.

If the calling/called party is included in the database, then its name is shown. Notes may be added to each contact.

It is possible to dial numbers, switch calls and invite conference participants from the database using the database function keys.

🤤 9MF					X
Data					
K < ► ► ► − .	• 🞯 🦻 😓 🔪	Q Q	Firm		
Name		Street	City		-
> 2N TELEKOMUNIKAC	E a.s.	Modřanská 621	Praha 4		
					+
			Representative		
	t name Title Sex		in the second		-
TechSupport	Mal	e	2N TELEKO	MUNIKACE a.s.	
•					
Contacts Numbers Note:	s				
K < F F F	▲ <u>®</u> ? ? ?				
Number ^	Туре	Firm		Representative	
▶ 261301300	Tel	2N TELEKON	UNIKACE a.s.	TechSupport	
▶ 261301300					-



4.8.7.1. Client Database Setup during Call

To create the client database during a currently made call, double click on the calling/called number on the graphical telephone display or in the application window.

This displays an editing window for you to assign an existing firm to the contact, or create a new firm and then a new contact.

4.8.7.2. Client Database Setup in Database Application

With the database displayed, use the following editing buttons to create new database "sentences":

- insert sentence (create new firm, contact, representative, etc.)
- delete sentence (delete existing firm, contact, representative, etc.)
- edit sentence (modify existing firm, contact, representative, etc.)
- first sentence (return to first existing firm, contact, representative, etc.)
- last sentence (move to last existing firm, contact, representative, etc.)
- preceding sentence
- next sentence

÷

•

I₹

►I

◄

Create a new firm with the + button in the Firm field and enter the available data.

Name: Address Street:	2N TELEKOMU Modřanská 621		
City:	Praha 4	DIC:	
ZIP:	14301	Dealer V Supplier	
State:	Cz		
Email:			
WWW:	2n.cz		
Numbers	Representatives Contacts F	Remark	

To create a representative, click on the Representatives tag in the Firm field and enter the available data:

			TEL
Representative of firm 2N TI		×.	
Title: Surname: TechSuppor	First name:	Title:	
Sex Male Function: Female Email:			
Numbers Contacts Remark	<u>8</u>		

To insert a telephone number, click on the Numbers tag in the Representatives and enter the telephone number, specifying the call type (Local = internal call, Mobile = GSM, Fax, Fixed = external call). Enter the numbers without the PSTN codes, since these are included in the dialling type.

Number: 26	301300
Fixed	
C Mobile	
C Fax	
C Local	

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4.8.7.3. Database Search

To search a database, press

Text	2N TELEKOMUNI	KACE a.s.
Case se	nsitive	I
Search	only by name	I

Enter the character string to be found and press the confirmation button.

To re-search the database press $^{\mathbf{Q}}$.

4.8.7.4. Database Export and Import

The created database can be exported and imported to another client. To export and import the database, click on MENU - Data in the taskbar and select DATA – Export/Import.

a					
Reindex		8-2	0,04	Firm	
Export			Street	City	
Import			Modřanská 621	Praha 4	
Find	Ctrl+F				
Search again	F3				

The data are exported into the DBF directory and sorted out according to the database sections (Firms, Repres = Representatives, Nums = Numbers, Contacts). The file extension is .txt.



4.8.7.5. Dial Number from Database

To dial a number from the database, designate the required telephone number with the left mouse button and then press $\textcircled{2}{2}$.

4.8.7.6. Switch Call to Database Number

To switch a call to a database telephone number, designate the required telephone number with the left mouse button during the call and press \Im .

4.8.7.7. Invite Database Member to Conference

To invite a database member to join a conference call (a call for 3 or more subscribers sharing a single line), designate the required telephone number with the left mouse button and then press

4.8.8. Show - XML

This displays XML communication with the XAPI server. Such listing may help solve application operation problems, if any.

<u></u>
<pre><mes handle="0" head="1" hfree="0" menu="0" mic="0" state="RNG" status="1" type="STATE"></mes> <mes act="END" handle="0" type="HOLD"></mes> <mes act="ACT" handle="0" type="RING"></mes></pre>
<mes act="CHG" handle="0" recordcount="97" type="HIST"></mes> <mes handle="0" head="1" hfree="0" menu="0" mic="0" state="REL" status="0" type="STATE"></mes> <mes act="END" handle="0" type="RING"></mes>
<pre><mes act="CHG" handle="0" hist"="" recordcount="98" states="00ff07400401e7400401774000fff240040187400600074000ff074000ff0
<mes Type=" type="STATES"></mes></pre>
<pre><mes act="END" handle="0" type="PARK"></mes> </pre>

To select XML communication, press $\overline{\mathbb{M}}$ in the taskbar.

Select:





Xml Set 📉 💌
Trace Terminal TCP
IP address 127.001_
17 <u>.</u>
V OK X Cancel

- **TCP** – XAPI server connection IP address, necessary for running the application.

Xml Set	
Trace Terminal TCP	
🗖 New line	
Show & write LIVE packets	
🖌 OK 🛛 🗶 Cancel	

- **Terminal New line –** define whether or not line feed should be made in the listing.
- **Terminal Show & write LIVE packets –** here enable/disable displaying of the so-called LIVE inquiries, which the application sends during communication to keep the XAPI server connected.

Xml Set	×
Trace Terminal TCP	
Trace	
🥅 Trace Erase	
OK X Cancel	



- **Trace Trace –** enable trace file writing.
- Trace Trace Erase enable trace file erasure upon application start.

4.9. MENU - Action

4.9.1. Action – Open

Select this item to activate the application connection opening dialogue.

User:	John
Password:	xxxx
Line:	11
XAPI Server	127.0.0.1

4.9.2. Action – Close

Select this item to close the connection, leaving the application on the desktop for re-opening if needed. To terminate the application definitely, use Action - Exit.

4.9.3. Action - Minimise

Select this item to minimise the graphical telephone or display into the taskbar.

4.9.4. Action - Hide

Select this item to hide the graphical telephone or display into the 🔊 icon in the tray.

4.9.5. Action – Load Desktop



Select this item to load the pre-defined layout of open windows (queues, history, databases, etc.) including their position on the desktop.

4.9.6. Action – Save Desktop

Select this item to save the currently open windows (queues, history, databases, etc.) and their positions on the desktop.

4.9.7. Action – Print Button Labels

Select this item to print out the current telephone button assignments. For details see Subs. 4.4.3, Button Labels.

4.9.8. Action - Exit

Select this item to exit the 2N[®] PBX – Assistant application.





The manufacturer reserves the right to change any of the parameters included in the documentation in the order to improve the product's qualities.

Use the product in compliance with the Instructions for Use and for the purposes mentioned therein only.

When expired, the product should be disposed of in accordance with the applicable environmental control regulations.