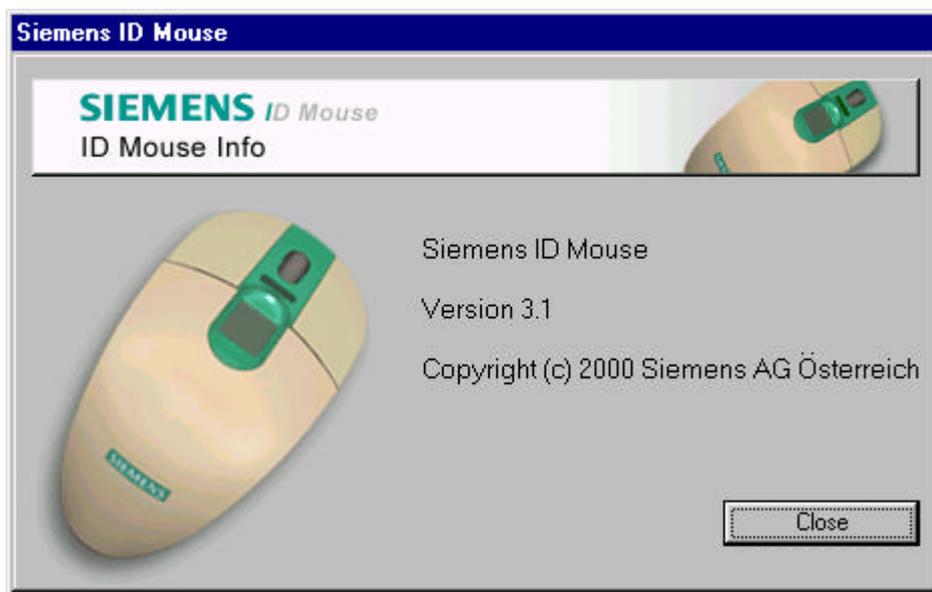


SIEMENS

Siemens ID Mouse V 3.1

User Guide **Windows98**



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1 Installation and Startup

1.1 System Requirements

- It is assumed that the PC has Windows98 installed on it and is USB-capable. The USB capability of the system can be tested by double-clicking the program Tools\USBREADY.EXE supplied on the CD-ROM.
- The Siemens ID Mouse should not be connected before the installation.
- The Windows98 operating system CD is required for the installation.
- The screen resolution must be set to at least 800x600 pixels with more than 256 colors.

1.2 Installation Instructions

1. The Setup program is started automatically on placing the supplied CD-ROM in the drive. If the Setup is not started automatically, see step 2.
2. Select "Run" from the "Start" menu and enter the following command:
X:\Setup
where X is the drive letter for your CD-ROM drive.
3. The Setup program guides you through the installation process.
4. **Note:**
 - ☞ After the installation, you will need to restart the computer, since no logon via the Siemens ID Mouse has occurred as yet, and no users exist in the User Manager.
5. After the Siemens ID Mouse software has been installed from the CD-ROM, the Siemens ID Mouse can be connected.
If you connected the Siemens ID Mouse before the installation, you can load the required drivers from the Siemens ID Mouse installation CD.

1.3 Startup

After installing the Siemens ID Mouse, the following programs can be called via the "ID Mouse" item on the Start menu:

User Manager	management of users
Readme	brief information
Screen Saver	screen saver
Uninstall ID Mouse	program to uninstall the Siemens ID Mouse
User Guide	opens the User Guide

In order to enable a fingerprint logon after starting the computer, the appropriate users must be added to the archive with the aid of the "User Manager" program.

The Siemens ID Mouse is activated on restarting the computer and requests the user to provide a fingerprint identification.

Following the installation of the Siemens ID Mouse, the screen saver will be installed, but not yet activated. You can set the screen saver via the Display icon in the Control Panel. Please note that password protection must be disabled.

The user instructions are supplied as a PDF file on the CD. In order to read this file, you will need the Acrobat Reader program, which can also be installed from the Siemens ID Mouse CD. The installation program is available in the Acrobat folder in the desired language.

The Siemens ID Mouse can only be used with the Windows98 operating system. If you want to use Windows NT4 or Windows2000, please refer to the corresponding manual.

The fingerprints captured with the User Manager are only valid for the product Siemens ID Mouse.

1.4 Uninstalling the Software

The Siemens ID Mouse can be fully uninstalled by selecting the corresponding item via the Start menu.

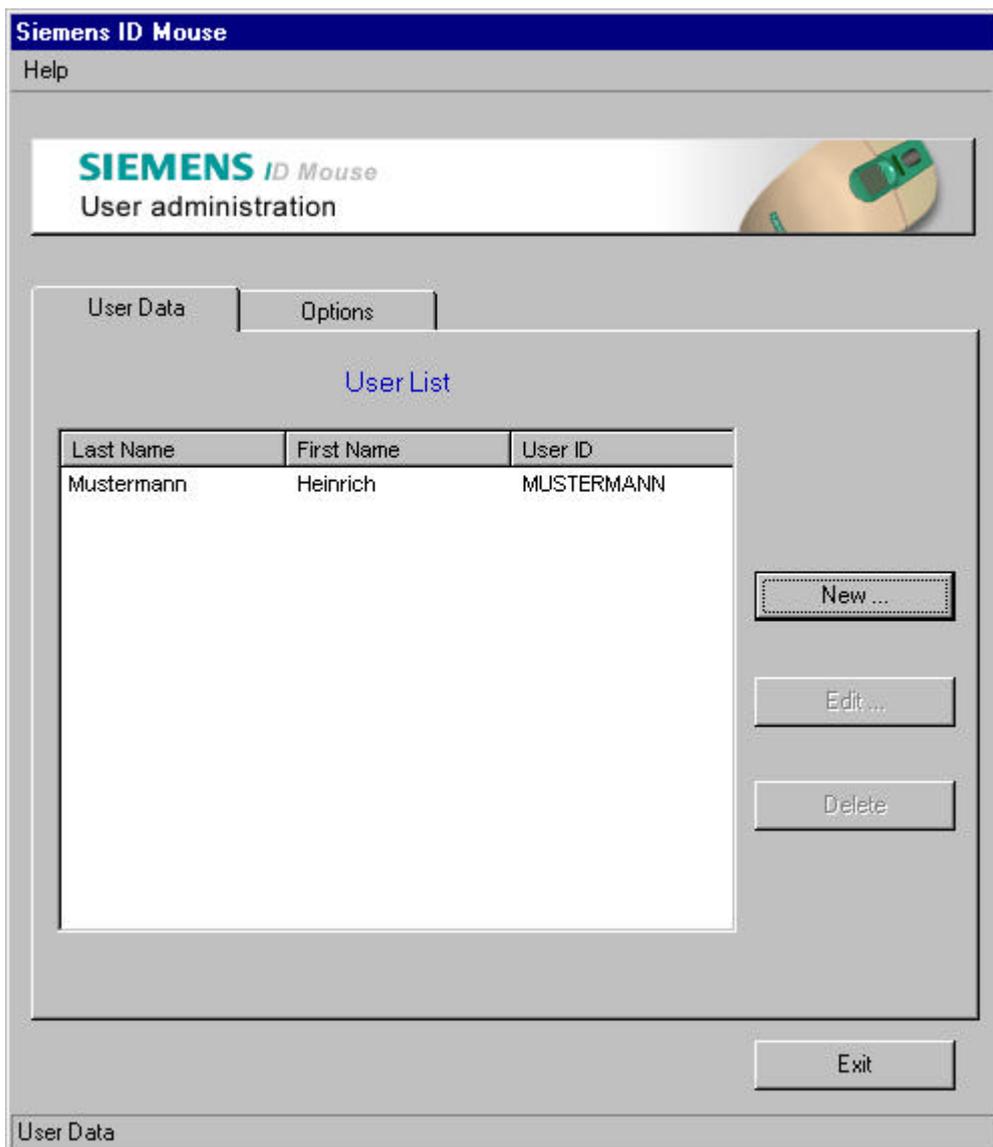
2 Working with the Application

2.1 User Manager

2.1.1 Selecting Users

In the “Select User” mask, you can choose whether user data or options are to be edited via the corresponding tabs. On starting the User Manager, the “User Data” page is always displayed, since this is most frequently used.

2.1.1.1 User Data



Mask Description

This mask is used to select a user.

User List

This list displays the user data in three columns:

Last Name, First Name and User ID.

The displayed data can be sorted by any column in ascending order by clicking the title of that column. If you click the same column title again, the data is sorted in descending order.

The individual column widths can be increased or decreased as desired by simply pointing to the line between the columns and changing the column width while pressing the mouse button.

“New ...” Button

Pressing this button opens the “New User Data” mask, which can be used to add a new user to the archive.

“Edit ...” Button

This button is enabled only if a user has been selected in the user list.

If you have selected a user, the data for that user is read from the User Manager and displayed in the “Edit User Data” mask.

“Delete” Button

This button is enabled only if a user has been selected in the user list.

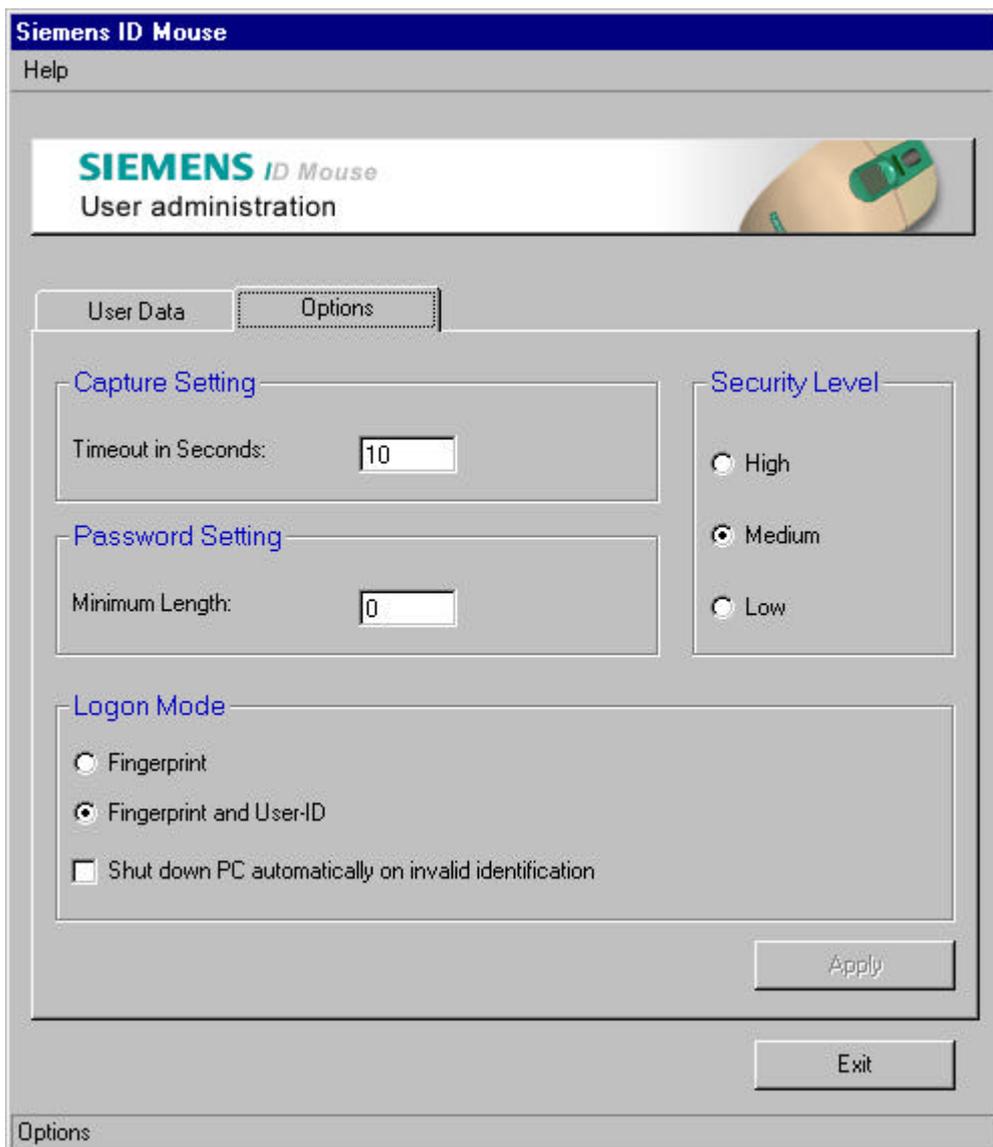
If you have selected a user, a check is performed to determine whether the selected user is the last administrator entered in the archive. If this is the case, you can delete the selected user only after adding a new administrator.

The deletion of a user must always be confirmed.

“Exit” Button

Pressing this button exits the application.

2.1.1.2 Options



Mask Description

This mask is used to define the system settings of the Siemens ID Mouse.

Timeout in Seconds

This field can be used to define how long the image scan by the sensor is to run before the application issues an error. The factory default setting for the Siemens ID Mouse is 10 seconds.

- ☞ The administrator can set values between 1 and 200.

Minimum Length

This field can be used to define the minimum number of characters required for the logon password.

- ☞ The administrator can set values between 0 and 40.

Security Level

Three levels of security can be set to define the security level with which the identification is to be performed:

High, Medium, Low.

These settings have various different consequences for authorized users, with regard to ease of operation, and for the security of the system.

"High" increases system security since more fingerprint characteristics are checked. However, this may also cause an increased number of rejections of authorized users.

"Medium" is the factory default.

If "Low" is set, fewer fingerprint characteristics are checked. This can cause unauthorized access or user mix-ups to occur more frequently than with security level "High".

Fingerprint or Fingerprint and User ID

With the "Fingerprint" setting, users can log on to the PC and terminate the screen saver only with a fingerprint identification and not via a user ID and password.

The default factory setting for the Siemens ID Mouse is "Fingerprint and User ID".

Shut down PC automatically on invalid identification

Selecting this entry causes the PC to be automatically shut down if a "handling" error occurs (e.g. due to missing files) when logging on to the PC or terminating the screen saver. If only the fingerprint identification fails, this mechanism has no effect.

"Apply" Button

This button is enabled only if a change has been made in one of the fields. When the button is pressed, the entered data is verified and saved in the User Manager.

"Exit" Button

Pressing this button exits the application.

2.1.2 Adding, Editing and Deleting Fingerprint Data

This mask is used to add, delete or improve individual fingerprints and to manage user data. The header line indicates whether the data of an existing user is being edited or whether the addition of a new user is involved.

2.1.2.1 User Data

The screenshot shows a software dialog box titled "Siemens ID Mouse". At the top left is a "Help" button. Below the title bar is a banner with the Siemens logo and the text "Create new user profile" next to an image of a mouse. The main area has two tabs: "User Data" (selected) and "Finger Data". Under "User Data", there are two sections: "Personal Data" with fields for "First Name", "Last Name", and a "Group" dropdown menu (set to "User"); and "Logon Data" with fields for "User ID", "Password", and "Confirm Password". A blue note says "Please insert the windows password." At the bottom right are "Apply" and "Close" buttons. The status bar at the bottom left shows "User Data".

Mask Description

Status on adding a new user:

All fields are empty, except for the "Group" field, which is preset to the default entry "Administrator" if there are still no users in the archive. If the archive already contains existing users, the default setting for the "Group" field is "User".

Status on editing user data:

All fields are filled with the data that was read from the User Manager. The “User ID” field cannot be edited.

First Name / Last Name

These fields are used to specify the first name and last name of the user, respectively.

- ☞ A maximum of 40 characters are permitted.
- ☞ Both fields are mandatory.

Group

In this field you specify whether the user is an administrator or a normal user of the PC.

- ☞ Administrators are authorized to edit all system settings and the data of all stored users and may also delete existing users or add new users to the archive.
- ☞ Normal users are only granted the right to edit their own data.
- ☞ Only the entries “User” and “Administrator” are allowed in this field.
- ☞ The field is mandatory.

User ID

This field is used to specify the user ID with which the user logs on to Windows98.

- ☞ A maximum of 40 characters are allowed.
- ☞ The field is mandatory.
- ☞ The user ID must be unique in the User Manager and cannot be edited after being entered in the system.

Password

This field is used to specify the password to be passed to Windows98 during the logon.

- ☞ A maximum of 40 characters are allowed.
- ☞ The entry is checked to determine whether the minimum number of characters set in the User Manager have been entered.

Only “*” characters are displayed in this field.

Note: The entered password must match the password in the Windows98 settings (Control Panel) and can subsequently only be changed there.

Confirm Password

This field is used to repeat the password for confirmation purposes.

Only “*” characters are displayed in the field.

“Apply” Button

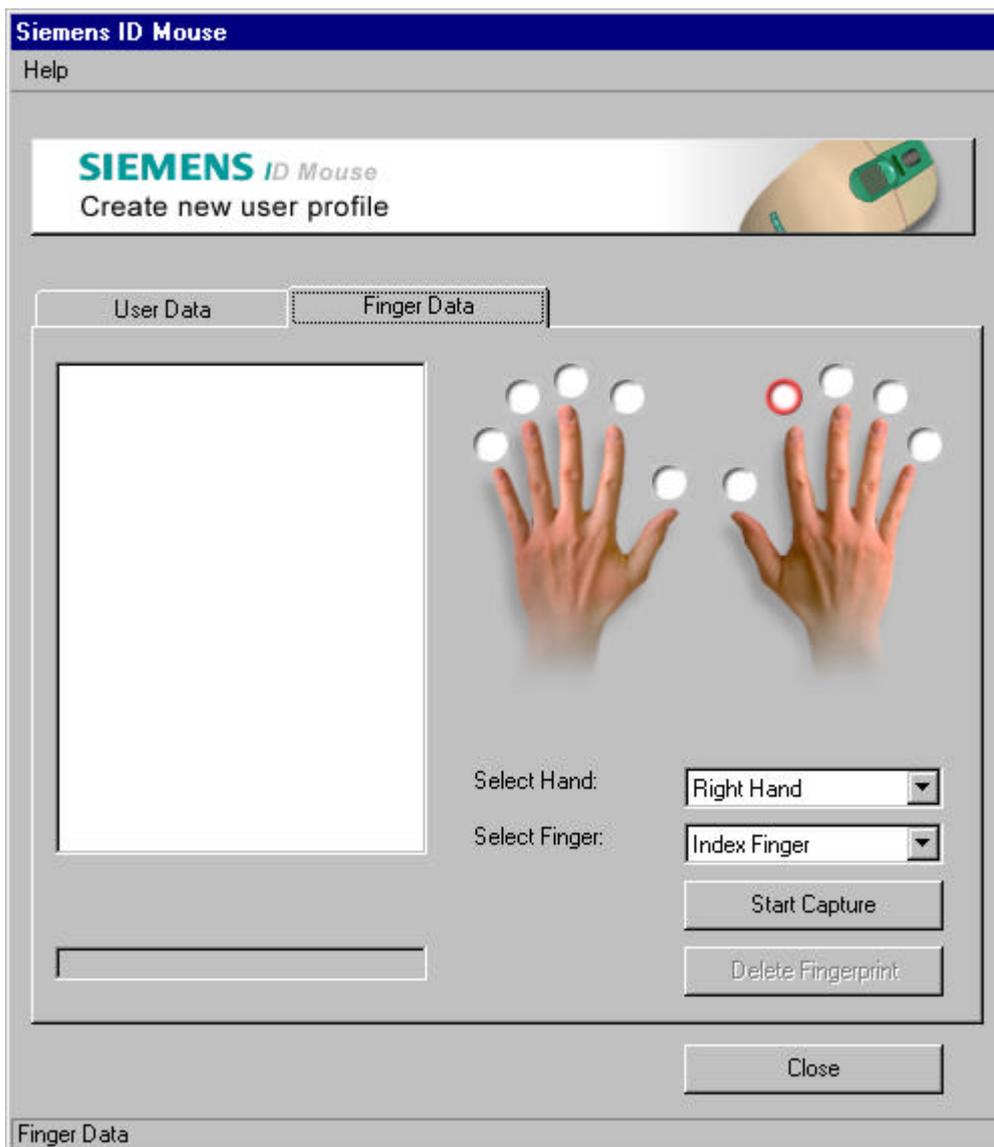
This button is enabled only if a change has been made in one of the fields. On pressing the button, the entered data is verified and stored.

“Close” or “Exit” Button

If an administrator has logged on to the application, the “Close” button appears, and pressing this button returns control to the “Select User” mask.

Otherwise, the “Exit” button appears which, if pressed, exits the application.

2.1.2.2 Finger Data



Mask Description

This mask is used to capture the individual fingerprints of the user.

Status on adding a new user:

No finger is highlighted in green, and the index finger of the right hand is the default.

Status on editing user data:

The fingers for which fingerprints have already been stored are identified by a green circle above each finger. No finger is selected (red border).

Circles above the fingers

Each of the 10 fingers has a circle above it that shows the status of the finger:

Green The finger has been saved in the User Manager.

White The finger is not yet in the archive.

The selected finger is indicated by a circle with a red border.

You can select a finger by clicking one of the circles. The values displayed in the "Select Hand" and "Select Finger" fields (combo boxes) are automatically set accordingly.

Select Hand / Select Finger

These combo boxes are used to select the hand and finger, respectively. On changing the hand or finger, the corresponding circle above the finger is also selected automatically.

“Start Capture” Button

If the selected finger is already stored in the archive, you will be asked if you want to improve the captured image.

If the finger is not yet in the archive, you are requested three times to place the appropriate finger on the sensor.

If you do not place the finger on the sensor in time, you are asked whether the capture is to be repeated.

If the quality of the captured image is not good enough, the capture must be repeated.

After the fingerprint has been captured successfully, the added finger is highlighted in green.

“Delete Fingerprint” Button

The deletion of a finger must always be confirmed.

A confirmation is also requested when deleting the last finger of a user or the user itself.

The last finger of the last administrator cannot be deleted.

After a finger has been deleted, the deleted finger is again marked with a white circle.

Image box

The user is requested to place his or her finger on the sensor or to remove it from the sensor by means of a simple animation.

After each image has been successfully captured, the corresponding fingerprint image is displayed here.

If the image capture process is completed successfully, a corresponding message is issued, and the Image box is then cleared.

If the capture is aborted by pressing the Return key, a corresponding message is issued, and the Image box is then cleared.

“Close” or “Exit” Button

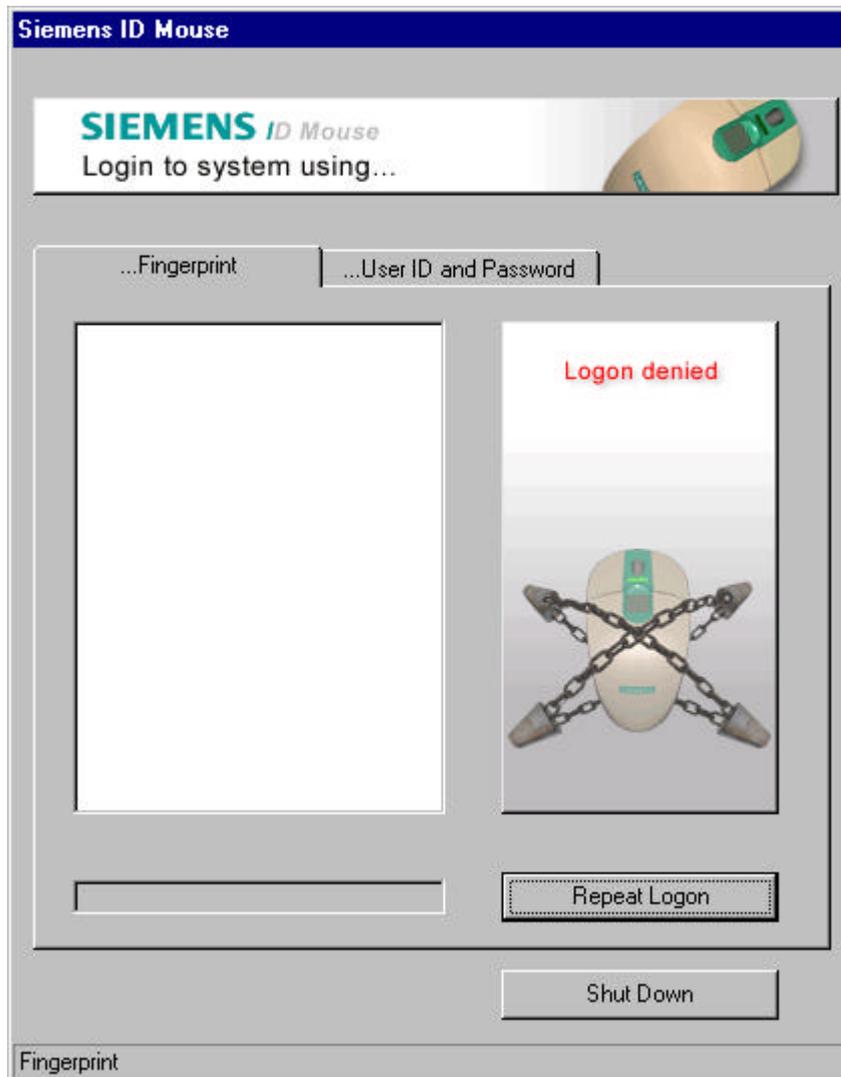
If an administrator has logged on to the application, the “Close” button appears, and pressing this button returns control to the “Select User” mask.

Otherwise, the “Exit” button appears which, if pressed, exits the application.

2.2 Logging on

2.2.1 Logging on to the System

2.2.1.1 Logging on to the System with a Fingerprint



Mask Description

The mask with the Fingerprint tab is used to identify a user via a fingerprint. If the user has been saved in the archive, the mask is closed after about 2 seconds, and the PC can be used.

If the user has not yet been stored in the archive, the mask remains open.

Fingerprint Image

A simple animation requests the user to place the finger on the mouse sensor.

After the image has been captured, the fingerprint of the user appears in the image box.

If the user is found in the archive, the First Name and Last Name of that user appear.

“Repeat Logon” Button

If the finger was not placed on the sensor in time or the user is not stored in the archive, or if an error occurs on identification, you can use this button to start the identification process again.

“Shut Down” Button

If no identification is possible, this button can be used to shut down the PC.

2.2.1.2 Logging on to the System with a User ID and Password

The screenshot shows the Siemens ID Mouse login application window. At the top is a blue title bar with the text "Siemens ID Mouse". Below the title bar is a header area with the Siemens logo and the text "SIEMENS ID Mouse Login to system using...". There are two tabs: "...Fingerprint" and "...User ID and Password", with the second tab selected. The main content area has a grey background and contains the text "Please enter the user ID and password" in blue. Below this text are two input fields: "User ID:" and "Password:". At the bottom of the main area are two buttons: "Logon" and "Shut Down". At the very bottom of the window is a status bar with the text "User ID and Password".

Mask Description

This mask can only be displayed if the system administrator has enabled a logon with a user ID and password in the Options mask. The user logs on to the PC by specifying the user ID and password.

User ID

A unique user ID that is stored for each user in the User Manager and required for the logon.

Password

A password that can be stored for each user in the User Manager. The "Password" field may be left empty if the administrator has permitted the use of blank passwords in the User Manager.

"Logon" Button

This button can only be selected when the User ID and/or Password fields have been filled. On pressing this button, the user ID and password are checked in the User Manager, and the result is displayed.

"Shut Down" Button

If no identification is possible, this button can be used to shut down the PC.

2.2.2 Logging on to the User Manager

On starting the application, an additional check is performed on the identity of the user to determine his or her rights. Administrators may edit the data of all stored users and the system settings; normal users may only edit their own data.

If no users have been added to the archive as yet, no identity check occurs, and the "Select User" mask is automatically displayed. If there are already users stored in the archive, the user is requested to provide a fingerprint identification.

2.2.2.1 Logging on with a Fingerprint

See the mask description in the section on "Logging on to the PC with a Fingerprint". The "Shut Down" button is replaced by the "Exit" button, which closes the application.

2.2.2.2 Logging on with a User ID and Password

See the mask description in the section on "Logging on to the PC with a User ID and Password".

The "Shut Down" button is replaced by the "Exit" button, which closes the application.

2.2.3 Logging on to the Network

If the user ID and password for the Windows98 client and the NT server are the same, logging on with a fingerprint will log you on to the Windows98 client as well as the NT server without having to specify the password again.

Note: When a new user logs on for the first time, the password for the Windows98 client must be confirmed. No entry of a password is required for subsequent logons.

2.3 Screen Saver

The screen saver is not automatically activated after the installation.

On starting the screen saver, a video is played. Moving the mouse or pressing a key terminates the screen saver and returns you to the same scenario as when logging on to the PC. Only an administrator or the currently logged user may terminate the screen saver. The settings for the ID Mouse screen saver enable you to select any AVI to be played when the screen saver is run.

3 Administration

3.1 Providing Additional Security for the Computer via BIOS Settings

Apart from the steps performed to secure the computer after the installation, the administrator should also make use of the security settings available in the BIOS of modern PCs. Almost all modern PCs include options to prevent the computer from being started with a floppy disk or to change the startup sequence so that the computer boots first from the hard disk.

For more details on how to enable these features in the BIOS, please refer to the manual of your PC or motherboard.

These measures will effectively ensure that the identification with the Siemens ID Mouse cannot be bypassed.

Note that a BIOS password that is only known to the administrator must also be assigned when using this function; otherwise, experienced users could change the startup sequence in the BIOS and thus break into the PC with a Startup diskette.

Attention

The administrator should make sure that he or she never forgets the password, since BIOS passwords can often only be removed by the hardware manufacturer.

3.2 Securing the Computer via the User Manager

The User Manager of the Siemens ID Mouse offers additional options to prevent unauthorized access to the computer. These include:

- Enabling logons only via fingerprints
The administrator can set the system to allow only a fingerprint identification when starting up the computer or terminating the screen saver. This disables the tab on which the user ID and password can be specified.
- Automatic shutdown of the PC when a logon error occurs
If the application returns an error on performing the identification, the computer is automatically shut down.
- Setting the security level to "High"
The security level for the identification can be set to "High".
- Minimum password length
If it is not possible to do without the option of logging on with a user ID and password, the minimum length for passwords should be set to at least 8 characters.

3.3 Changing the Hardware Configuration

If the User Manager has been set to allow only a fingerprint logon to the PC, the following must be observed:

Before you install any new hardware in your PC, it is advisable to temporarily change the logon method in the User Manager to allow both the fingerprint option as well as a user ID and password. After you have successfully installed the hardware, you can then reset the system to allow only the fingerprint logon.

4 Technical Data and Constraints

Mouse	3-button mouse with scroll wheel
Supported operating systems	Windows98
Port	USB
I/O level	USB V1.0 Mouse function: optomechanical
Fingerprint acquisition	Capacitive scanning
Resolution	224x288 pixels 513 dpi; data format: 8 bits/pixel
Tracking speed	200 +/- 50 mm/sec
Minimum actuations per switch	1 million
Power consumption in mouse mode	30 mA
Power consumption in scanning mode	70 mA
Operating voltage	5 VDC
Cable	1.5 m USB full-speed rev. 1.0
Operating temperature	0 – 50°C
Storage temperature	-15° to 60°C
Humidity	0 – 80%
Certifications	CE, FC, UL TÜV Rheinland certification for the device safety

5 Siemens ID Mouse FAQs and troubleshooting

5.1 Where can I find information in the Web?

ID Mouse:

<http://www.fingertip.de>

http://www.siemens.ch/icp/produkte/prod_idmouse.htm

FingerTIP™ module:

<http://www.siemens.ch/news/werbung/fingertip.htm>

Other information on FingerTIP™ or biometric systems:

<http://www.infineon.com/products/chipcds/portfol/biometr/40021r.htm>

5.2 What is ID Mouse?

The Siemens ID Mouse is an integrated PC peripheral device. It combines the functionality of a user-friendly, ergonomic PC mouse with scroll wheel and the possibility of fingerprint identification with the new Siemens FingerTIP™ sensor. A simple touch of the fingerprint sensor makes secure system identification possible.

The passwords used on PCs to prevent unauthorized use can be replaced in line with state-of-the-art technology by the Siemens ID Mouse without the need for additional products. The ID Mouse prevents unauthorized access to your PC. The biometric characteristics (minutiae) of your fingerprint identify you as the only authorized user.

The ID Mouse is the first product with the FingerTIP™ sensor, which offers fingerprint capturing functioning on a capacitive rather than an optical basis, and which combines both PC mouse functionality and fingerprint capturing in one.

5.3 Where do I get help if I have problems with the software or hardware?

From our Hotlines:

Austria:	+43-117075004
Belgium:	+32-78152221
Denmark:	+45-35258600
Finland:	+358-922943700
France :	+49-1805333220
Germany:	+49-1805333220
Italy:	+39-0269893691
Luxembourg:	+352-43843399
Norway:	+47-22633314
Sweden:	+46-87509911
Spain:	+34-902115061
Switzerland:	+41-12120090
United Kingdom:	+44-990334411

5.4 Under which operating systems does the ID Mouse run?

Win 98, 98se, Win NT 4.0 as of Service Pack 3 or higher and Windows 2000.

5.5 How does FingerTIP™ work?

The FingerTIP™ module, the core of the ID Mouse, enables the fingerprint to be reliably read in and evaluated and can be used in various ways.

When a finger is lying on the sensor, 65'000 sensor electrodes measure the exact distance between the skin surface and the sensor. The integrated software optimizes recognition performance both for generating the reference data record and for every subsequent check. With a surface area of less than 160 mm², the biometric sensor can also be used in very small devices. In less than 100 ms the sensor generates a digitized gray-scale image of the fingerprint. Image processing software looks for the characteristic features of the fingerprint ("minutiae") and stores their position and orientation. When a fingerprint is checked later on, an evaluation algorithm compares the sensor image with the previously stored reference data. The release signal comes from the sensor chip only if both data records match. The reference data is stored in the local memory. The identification or verification is carried out within the computer. It is not the entire fingerprint which is stored as the reference data record, but rather a few characteristic features from which the original fingerprint cannot be reconstructed.

What also makes the FingerTIP™ stand out is its low power consumption. This enables use in mobile devices such as laptops and mobile phones in particular. A further feature of the sensor is its sleep mode. Its construction, developed especially for this product, facilitates integration of the FingerTIP™ into the most varied of devices. A flexible printed board bridges the gap between the sensor on the surface of the device and the data-processing chip at its interior. It offers the designer a certain degree of flexibility when deciding where to mount the sensor on the device. The DIN (German standard) plug connection enables soldering in standard SMD (Surface Mounted Device) technology. The FingerTIP™ is manufactured in standard CMOS technology as is used for the production of integrated circuits. It thus offers a low-cost introduction to the use of biometric systems.

5.6 How can you bypass logon under Win 98 if, for example, the ID Mouse is defective?

The computer must be started up with a startup disk under MS-DOS.

Switch to the ID Mouse folder:

default:

c:\progr~1\idmouse

The login entry must be deactivated with **ren login.exe loginold.exe**.

Note: This will only work if you have not set your PC to shut down automatically.

5.7 The sensor does not work

Error screen

If the mouse was already connected before installing the Siemens ID Mouse software, the following error occurs:

The mouse works, but the sensor does not produce any image. An error message is issued to indicate that the mouse may not be connected.

Reason:

The driver required to control the sensor is not available before the installation. On connecting the mouse, Windows98 tries to find an appropriate driver and stores an unknown device in the Device Manager for the missing sensor driver.

Solution:

The following steps are needed to solve the problem:

- Choose "Settings" from the "Start" menu
- Select "Control Panel"
- Double-click the "System" icon
- Click the "Device Manager" tab
- Select the "Unknown Device" entry
- Press the "Remove" button and confirm the following prompt
- Press the "Refresh" button

On completing these steps, the appropriate USB driver for the sensor will be installed.

5.8 What do I do if the mouse cursor freezes after a successful and correct installation of the ID Mouse?

If the software and drivers for the Logitech mouse or IntelliMouse are installed on your computer, conflicts can occur with the drivers. Uninstall your Logitech mouse or IntelliMouse.

5.9 The computer does not "wake up" with the Siemens ID Mouse

The power management features of the PC can be set in both Windows98 as well as the BIOS. However, since Microsoft has already announced known problems with USB devices when setting the power management via the BIOS, the following is recommended:

- Enter the BIOS setup on starting the computer (for details on how to activate the BIOS, please refer to the manual of your PC or motherboard).
- Disable the power management timeouts (for details on how to disable this feature in the BIOS, see the manual of your PC or motherboard).
- After restarting the computer, select "Settings" on the "Start" menu
- Then select "Control Panel"
- Double-click the "Power Management" icon
- Set the desired timeouts.

5.10 Where can I find out which version of ID Mouse I am using?

- a. in the Readme file and
- b. in the "Info" window.

5.11 What can I use the ID Mouse scroll wheel for?

The scroll wheel makes it much easier to navigate within applications, the operating system and when browsing the Internet. You can use it to "scroll", "autoscroll" and "zoom".

The scroll functionality is supported in many standard Windows applications. The ID Mouse wheel enables you to scroll through the Internet and long documents under Windows by using a fingertip.

Using "autoscroll": You can determine the pace with which you scroll through the screen.

Zoom function: Pressing and holding down the "Ctrl" key while turning the ID Mouse wheel changes the zoom factor (Office97).

5.12 Frequently Asked Questions?

Question / Problem	Answer	OS	Version
Mouse and Sensor do not work - Error number 824828	<ol style="list-style-type: none"> 1. Activate USB in the BIOS and set Plug&Play OS to No. To do so, enter the setup (usually with F2) when starting the computer and make the configuration in Menu advanced. 2. Was the mouse unofficially supplied e.g. a mouse from CeBit or some other test version. In this case, the USB-Driver will not work. Getting an official mouse will solve the problem. 	All NT4	All
Blue Screen when booting up	<ol style="list-style-type: none"> 1. If the Logitech-Driver IMOUFLTR.SYS is installed, there are problems with the USB Driver. The deinstallation of the Logitech Software (settings/control-panel/Software) will solve the problem. 2. If an additional Mouse Software is installed, problems with the USB-Driver can occur. Deinstallation of the additional Mouse Software can solve the problem. 3. Check whether you are using a certified USB Card. You can check this in the internet under http://www.usb.org. 	NT4	All
The Mouse shakes, the cursor can't be positioned properly, the scroll wheel is too flimsy and the slider moves by itself	In this case, the Mouse has to be exchanged for a newer version. Downloading the newest software will not solve the problem. Problem was solved with hardwareversion A000-04. This version is shown when the ID Mouse is plugged the first time.	All	All
After deinstalling the software, the computer no longer works e.g. the files remain.	Files remain when a deinstallation is carried out via the Control Panel. It can even happen that a PC using NT4 will not start. Deinstallation should always be performed from the ID Mouse Start Menu. In version 3.0 both types are supported.	Win98, WinNT4	V1.0, V1.1, V2.0

After deinstalling the ID Mouse, an error message appears during rebooting, stating that certain services cannot be started.	During deinstallation the USB Drivers are not completely removed. The error will have no effect on the functionality of the computer. The deinstallation routines in version 3.0 will cleanly remove all components. Remedy: Delete the registry settings manually. HKEY_LOCAL_MACHINE\System\CurrentControlSet\Enum\Root\LEGACY_USBBULK HKEY_LOCAL_MACHINE\System\CurrentControlSet\Enum\Root\LEGACY_USBDRV HKEY_LOCAL_MACHINE\System\CurrentControlSet\Enum\Root\LEGACY_USBMOUSE	WinNT4	V1.0, V1.1, V2.0
After the computer has not been used for a while all memory resources are exhausted. Possibly all you can do is boot your PC.	This problem only exists in version 1.0 and can only be resolved by installing a newer version of the software.	WinNT4	V1.0
The USB drivers will not run on the computer. There is no USB registration under settings/control-panel/devices	It was established that the USB drivers will not run on dual processor. This is due to a Microsoft fault in NT4.	WinNT4	All
After the installation another PC card will not work e.g. Network card	Enter the setup programme by starting the computer (usually with F2) and adjust under Menu Advanced by PCI Components, that the USB Interrupt of this card is blocked or allocate the USB with another Interrupt.	All	All
During installation protection violation or the Error 1385 is displayed.	In this case, the problem can only be removed with installation of the ID Mouse Software Version 3.0.	WinNT4	V1.0, V1.1, V2.0
While rebooting the computer, resp. after the ID Mouse installation, it takes a long time until the user can register.	After rebooting the computer all network drives and NT settings are loaded. In this period nothing from the ID Mouse can be displayed.	WinNT4	All
After installation an error is displayed that the installation failed.	You should check if the user has sufficient rights on the computer to carry out the installation (Write protection of the system directories, in the registry etc)	WinNT4, Win2k	All
After installing the software the registration with the ID Mouse no longer works (the standard registration always appears)	In this case, the deinstallation programm of the other software also removed parts of the ID Mouse. Remedy: Deinstall the ID Mouse and reinstall again.	WinNT4, Win2k	All
Parts in the masks are not clearly visible or bitmaps are moved.	The problem appears when setting up large typefaces. Resetting the typeface to normal will resolve the problem.	All	All
With driver problems how can you manually deinstall the software in order to run, for example, a Windows System again.	Delete the following files from the system directory: usbdrv.sys, usbmouse.sys, usbbulk.sys	All	All

After installing the ID Mouse, how do I proceed when my NT Sytem no longer boots and I have formatted my system partition NTFS?	Deactivate the USB-Port in the bios, remove other hardware components like sound cards or delete with the tools (NTFS for DOS full version) the above mentioned files.	WinNT4, Win2k	All
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6 Safety regulations:

- ☞ The device must not be operated or stored in damp rooms.
- ☞ The fingerprint sensor must not be hit by hard objects.
- ☞ No modifications may be made to the Siemens ID Mouse. Repairs may be carried out by authorized service centers only.
- ☞ No liability will be accepted for damage caused by use of the Siemens ID Mouse, especially that arising from improper use or non-observance of the User Guide.

7 Care:

Please use a dry cloth to clean the casing and the fingerprint sensor. Liquids should not be allowed to get inside the Siemens ID Mouse or onto the fingerprint sensor.