



SECUR™

Back Office Installation Guide

Core

This document describes how to install and uninstall the SECUR Back Office Server and Client on Microsoft® Windows 2000™ operating systems.

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Table 1: Document History

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Last = Last approved manual version for the specified OMex version.

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1 Introduction

This entire manual is a core manual. It describes the installation and uninstallation of the OMX SECUR Back Office Server and Client.

A new user is recommended to read this *Introduction* chapter first.

Overview

This chapter provides information needed before the installation:

- OMX SECUR Back Office Application
- Equipment Requirements
- Installation Overview
- References

[Contents](#)

Information:

- Components
- Back Office Client
- Hardware Requirements for the BO Server
- Hardware Requirements for the BO Client
- Software Requirements
- BO Server Kit
- BO Client Kit
- TCP/IP Address Resolution
- Folder Structure
- Registry Entries

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1.1 OMX SECUR Back Office Application

1.1.1 Components

The OMX SECUR Back Office Application (BO) includes a set of software components for handling the members' interaction with the OMX SECUR Clearing System and for downloading clearing information to the member site. It consists of the following parts:

- OMX SECUR Back Office Server (BO Server) – a process running in the background
- OMX SECUR Back Office Watchdog (BO Watchdog) – a process running in the background
- Microsoft Access database (MS Access database) – storing customer-specific data
- OMX SECUR Back Office Client (BO Client) – graphical user interface

The BO Server is running in the background all day as a service on Windows operating system. It is connected to OMnet and exchanges clearing information which the central OMX SECUR Clearing System.

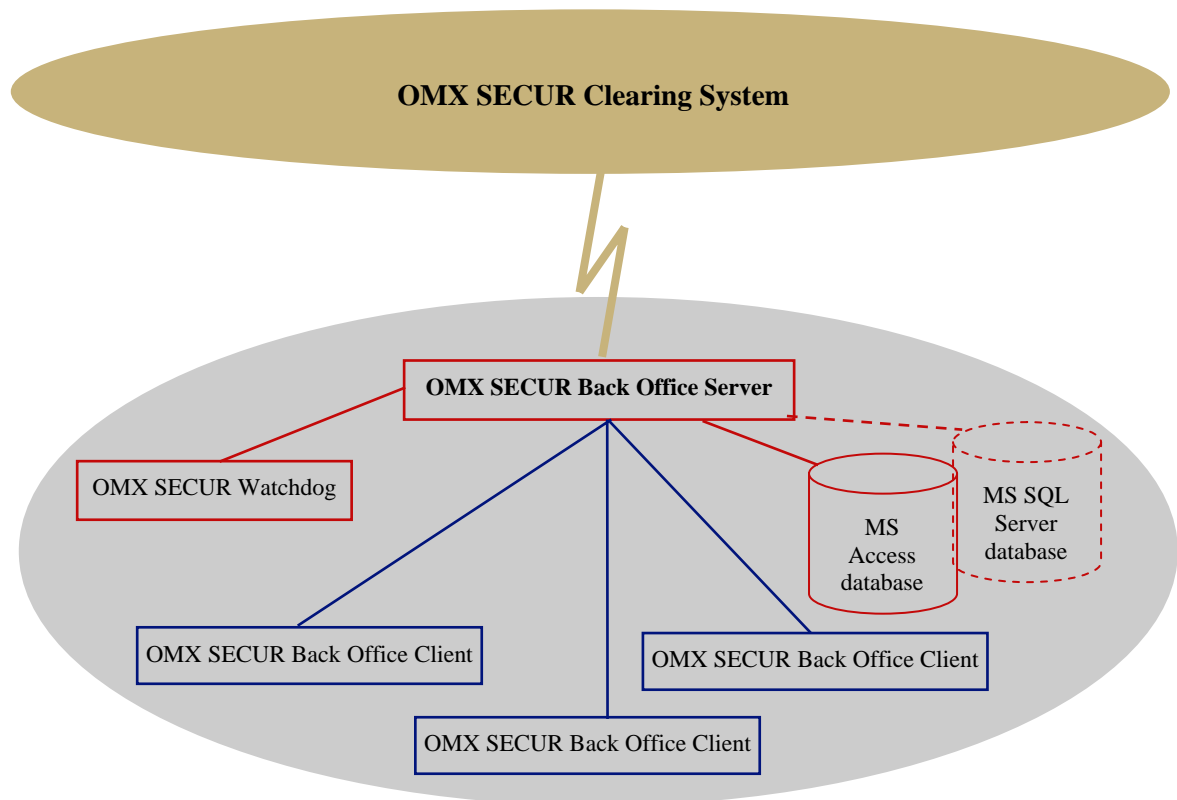
The MS Access database is installed on the BO Server node and retrieves customer-specific data from the OMX SECUR Clearing System database at login every day.

It is also possible to use a Microsoft SQL Server database instead of MS Access but then certain extra installation steps need to be taken care of according to the *OMX SECUR Back Office Database guide*.

The BO Watchdog controls start and restart of the BO Server. If the BO Server stops, the BO Watchdog restarts it immediately.

The BO Client displays data stored in the database to the user. It provides dialog boxes for the user to enter data to be sent to the SECUR Clearing System. Many BO Clients within the same member can use the same BO Server and the same database.

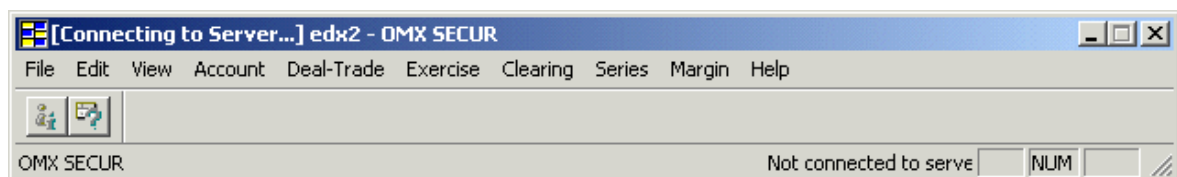
Figure 1: Design Overview of the OMX SECUR Back Office Application



1.1.2 Back Office Client

The purpose of the BO Application is to cover activities needed by clearing member personnel in an efficient and user-friendly way. It includes functions such as retrieving information provided by the central system and requesting exercises on positions.

Figure 2: Back Office Client Main Window



To top of chapter 1.

1.2 Equipment Requirements

1.2.1 Hardware Requirements for the BO Server

- Intel Pentium II 400 MHz or faster
- 512 Mb of memory
- 120 - 500 Mb of disk, depending on the amount of trades and if the BO Server creates Interface Files.
- Page-file size 500 Mb

1.2.2 Hardware Requirements for the BO Client

- Intel Pentium II 266 MHz or faster
- 256 Mb of memory
- 100 Mb of disk

1.2.3 Software Requirements

- Microsoft® Windows 2000™ (Service Pack 4) operating system. BO version 6.5 and later can also be used with the Windows XP™ operating system.

1.3 Installation Overview

1.3.1 BO Server Kit

The OMX SECUR Back Office Server (BO Server) will be installed as a service with no automatic start. To keep the BO Server alive at all times, a Watchdog will be installed at the same time as the Server. The Watchdog will be installed as a service with automatic startup.

The BO Server kit program performs the following actions:

- Creates the directory structure under Program Files
- Installs the BO Server executable files and DLLs
- Inserts BO Server configuration data into the Registry
- Creates an MS Access Database
- Creates an ODBC system data-source name, DSN pointing to the database
- Registers the Bo_srv program as a service with no automatic start
- Registers the Bo_wtchdg program as a service with automatic start
- Adds an icon in the start menu: **Start** ⇒ **Programs** ⇒ **OMX** ⇒ **SECUR**.

1.3.2 BO Client Kit

The BO kit program performs the following actions:

- Creates the directory structure under Program Files
- Installs the BO Client executable files and DLLs
- Inserts BO Client configuration data into the Registry

-
- Adds two icons in the start menu: **Start** ⇒ **Programs** ⇒ **OMX** ⇒ **SECUR** ⇒ **Back Office for <Application Title>**.

1.3.3 TCP/IP Address Resolution

Make sure that the IP addresses and identifications of the BO Client and Gateway nodes are entered into the “hosts” file located on: `C:\WINNT\system32\drivers\etc`.

Example:

```
195.135.166.241 localhost
```

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1.3.4 Folder Structure

The installation program creates the following default folder structure for the BO files if not customized by the user:

Program Files: `<ROOT>\BinaryFiles` – the names of the BO Client, BO Server and BO Watchdog reflect the instances

Uninstall Files: `<ROOT>\BinaryFiles\<instance #>`

Database: `<ROOT>\DataBase\<instance #>`

Reports: `<ROOT>\Reports\<instance #>`

Interface Files: `<ROOT>\InterfaceFiles\<instance #>`

Log Files: `<ROOT>\LogFiles` – the names of the log files reflect the instances

The default root folder `<ROOT>` is:

`C:\Program Files\OM Technology\SECUR Back Office`

The folder structure above can be entirely customized.

1.3.5 Registry Entries

Some registry settings are set up in Windows Registry during the installation. OMX SECUR Back Office specific registry settings are stored in:

`HKEY_LOCAL_MACHINE\SOFTWARE\OMX\SECUR\BackOffice\<INSTANCE>`

The parameters in the registry should not be modified. If modifications seem necessary, consult OM personnel.

1.4 Manual Features

1.4.1 How to Use this Manual

This manual is intended as a self-tutorial with brief explanations of the fields and functions available in the application. Its organization complies with the main menu options and does not

correlate to specific use cases. The manual can be used on-screen or printed. On-screen clickable links are provided to speed up browsing and finding information..

Table 2: Manual Structure

Chapter	Section	Sub-Section	Body
			<p>Each chapter relates to a main menu option and describes activities included. In the beginning of the chapter an overview of its sub-menu options is presented. Then a number of clickable links to various chapter parts are provided, such as:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Procedures <input type="checkbox"/> Windows and dialogs <input type="checkbox"/> Right-click menus <input type="checkbox"/> Field description <input type="checkbox"/> Tables <input type="checkbox"/> More fact information <p>The main part of the chapter is divided into sections that deal with a specific sub-menu option or a specific function.</p>
		Each section is divided into sub-sections of various types to present information relevant to the specific sub-menu option or the specific function. On each page there is a link to the chapter top to provide quick access to other parts of the document.	
		... Window	<p>Description of a window</p> <p>Figure</p> <p>Tables: <i>Search Filters</i> – how to specify the window search area to display desired items</p> <p><i>List Columns</i> – descriptions of all fields in the window listed in alphabetical order</p> <p><i>Action Buttons</i> – what happens when the button is selected</p>
		... Dialog	<p>Description of a dialog</p> <p>Figure</p> <p>Tables: <i>Input Specifiers</i> – how to specify the dialog input fields to create a new item</p> <p><i>Action Buttons</i> – what happens when the button is selected</p>
		... Right-Click Menu	<p>Description of a right-click menu</p> <p>Figure</p> <p>Table: <i>Menu Options</i> – what happens when an item in the list is selected followed by selection of a right-click menu option</p>
		Procedure	Instruction steps for a certain activity
		About ...	Certain facts are described in detail

To top of chapter 1.

1.4.2 Manual Conventions

Table 3: lists the conventions used in this manual:

Table 3: Manual Conventions

Convention	Description
First Capital	Indicates application names such as names of menus, windows, options, fields and buttons.
<i>Italic</i>	Indicates references to chapters and sections in the manual.
Computer style	Indicates computer text input or output in command line windows; file or directory names.
Label style	Indicates software buttons in the application.
Field style	Indicates a field, menu, menu option or window name used by the application.
Value style	Indicates values that can be presented by the application in dialogs and lists.
[Key]	Indicates hardware keys
	Example: [Enter] indicates the enter key on the keyboard.
<variable>	Indicates a document variable that must be replaced with its proper value.
⇒	Indicates a sequence of choices.
	Example: “Choose Deal-Trade ⇒ Synthetic Delivery ⇒ Confirm button.” This sequence is the same as “Choose Deal-Trade on the main menu, then choose Synthetic Delivery on the sub-menu and finally click the Confirm button in the window that opened.”
Contents	Clickable link to the Contents list.
To top of chapter 1.	Clickable link to the chapter top.
<input type="checkbox"/> How to Use this Manual <input type="checkbox"/> Manual Conventions <input type="checkbox"/> Manual Structure	Clickable links to chapter parts.

1.5 References

1 *OMX SECUR Back Office Database Guide.*

2 Installation

Note: Since the Server starts as soon as it is installed, we strongly recommend that these actions take place outside trading hours because the download can affect the performance of potential trading applications sharing the same physical connection.

Overview

This chapter describes how to install the components:

- Preparations
- Application Installation

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Procedures:

- Preparing BO Server
- Preparing BO Client
- Stopping BO Server and Watchdog
- Installing

Information:

- Installation Options
- Previous Installation
- Installation Program
- BO Server Setup Dialogs
- BO Client Setup Dialog
- Program Root Folder Setup Dialog
- Customized Program Folder Setup Dialogs

Figures:

- OMX SECUR Splash Screen
- Folder Dialog
- Folder Customize Dialog for Server without HTML Files
- Folder Customize Dialog for Server with HTML Files
- Folder Customize Dialog for Client

Tables:

- Installation Program – Action Elements
- Server Settings 1 Dialog – Field/Button Descriptions
- Server Settings 2 Dialog – Field Descriptions
- Server Settings 3 Dialog – Field Descriptions
- Client Settings Dialog – Field Descriptions

To top of chapter 2.

2.1 Preparations

2.1.1 Installation Options

Using different application instances means that the installed application is opened with different installation settings. Different instances can also be used to keep different application versions on the same computer.

A complete installation procedure must be performed to install a new instance. The instance numbers identify these installed instances. The application instance number is included in the license key on the fourth position as described in the installation procedure 2.2.6. The different installation settings are stored in different folders in the Registry as described in 1.3.5.

The application executable files are stored in the `<root>\BinaryFiles` folder with names reflecting their version. All other application files, such as database and reports, are stored in subfolders using the instance number.

Note: Although the BO application provides the option to install more than one instance of the BO Server and/or Client it is recommended to use only one instance on each computer. The instance number is optional, for example 1.

Upgrading the Application

To upgrade the application to a new version the old instance number can be used as well as many of the old settings as follows:

1. **Instance #** – the old # should be used.
2. **OMnet node** and **Socket** – the old node can be used only if it is upgraded to the new version.
3. **Client IPC** – the old number can be used.
4. **Delete old executable file** – Yes.
5. **Socket number** – the old number can be used.
6. **Application title** – the old title can be used or changed.

The other settings do not depend on instance or version.

Installing a New Version of the Application

To install a new version of the application and keeping the old version a new instance number must be used as well as the following settings:

1. **Instance #** – a new # must be used.
2. **OMnet node** and **Socket** – a different node must be used upgraded to the new version.
3. **Client IPC** – a new number must be used.
4. **Delete old executable file** – No.
5. **Socket number** – a new number must be used (but the same number as the client IPC for the corresponding instance).
6. **Application title** – a new title must be used.

The other settings do not depend on instance or version.

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2.1.2 Previous Installation

If the BO Server and/or Client has been previously installed, the BO Watchdog and all instances of the BO Server must be manually stopped from the Control Panel / Services window as described in 2.1.5.

Installation of a new version of the BO application will remove the old program files before installing the new files. Some of the old installation settings in the Registry will remain though and appear in the installation dialogs, where they can be edited.

It is generally not recommended to uninstall the old version of the BO application first as described in section 3.3. In this case all old installation settings in the Registry and the database would be deleted.

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2.1.3 Preparing BO Server

To prepare for BO Server installation, perform the following steps:

1. Make sure that you have the following information:
 - OMnet gateway host name
 - OMnet gateway socket number
 - OMnet BO user Id, trading code
 - OMnet user password
 - The name of your authentication domain
 - Application License key (required, provided by the exchange)

Note: The OMnet BO user id and initial password are supplied by the Exchange.
2. Log in to Windows as Administrator.
3. If the BO Server has been previously installed, stop the BO Watchdog and all instances of the BO Server from the Control Panel / Services window as described in 2.1.5.

Note: It is essential that the BO Watchdog be stopped before the BO Server.
4. The BO Server installation installs ODBC, standards for database communication. For the installation to work properly shut down all active programs and all services in the Control Panel.

2.1.4 Preparing BO Client

To prepare for BO Client installation, perform the following steps:

1. Make sure that you have the following information:
 - OMX SECUR BO Server node name
 - OMX SECUR BO Server socket number
 - Application License key (required, provided by the exchange)
2. Log in as Windows Administrator.
3. If the BO Client has been previously installed, stop the BO Watchdog and all instances of the BO Server from the Control Panel / Services window as described in 2.1.5.

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2.1.5 Stopping BO Server and Watchdog

Perform one of the following procedures to stop the BO Server and Watchdog:

**Windows
2000**

Actions for Windows 2000

1. Log in as **Administrator** to the computer running the BO Server.
2. Select **Start** ⇒ **Settings** ⇒ **Control Panel** ⇒ **Administrative Tools** ⇒ **Services**.
Result: The **Services** window opens displaying service items.
3. Select the **Back Office Watchdog** item ⇒ **Stop** on the right-click menu.
Result: The Watchdog stops.
4. Select the **Back Office Server <instance>** item ⇒ **Stop** on the right-click menu.
Result: The BO Server <instance> stops.
5. Close the **Services** window.

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2.2 Application Installation

2.2.1 Installation Program

The OMX SECUR Back Office setup program presents a number of dialog boxes to let the user configure the application as desired. Table 4: describes the actions triggered by the buttons at the bottoms of these dialog boxes:

Table 4: Installation Program – Action Elements


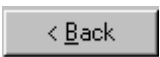
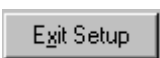
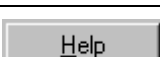
	To continue to next dialog box, click Next .
	To change settings in previous dialog boxes, click Back .
	To exit the installation before completion, click Exit Setup . No files will be installed on your computer.
	To get help with the settings, click Help . <i>Result:</i> A help box opens. To get back to the dialog box, just click somewhere on the screen.

Figure 3: OMX SECUR Splash Screen



2.2.2 BO Server Setup Dialogs

Table 5: Server Settings 1 Dialog – Field/Button Descriptions

Field/Button	Description
OMnet	
OMnet node	If you want to add a node, specify a node where an OMnet gateway is located. On this node the central Clearing database is located from which the BO Server retrieves information to store locally in the BO database. The OMnet node must be configured for the same OMex version as the version being installed.
Socket number	Enter the socket number of that OMnet gateway.
Node, Socket	Selecting a set of node and socket copies the information to the OMnet Node and Socket number fields.
Add	Clicking Add copies the node in the OMnet node field to the Node list.
Remove	Clicking Remove will delete the selected node from the Node list.
Up, Down	Will move the selected node up or down in the Node list.
User	Enter the OMnet user identification, also known as trading code. The server will be dedicated to the member to whom the trading code relates. Note: The OMnet user id and password are defined in PD. Note: To log in to the BO Client, Windows username and password will be used.
Password	Enter the OMnet password.
Confirm	Confirm the OMnet password.
Client IPC	
Socket number for	This is the socket number the BO Server uses and corresponds to the

client connection	<p>socket number for the BO client settings.</p> <p>Note: If several instances are installed on the same machine, each instance must use a unique number. Otherwise the client may (try to) connect to an unintended server instance.</p>
--------------------------	--

Table 6: Server Settings 2 Dialog – Field Descriptions

Field/Button	Description
Security	
Authentication domain	Any BO user must be registered with an windows domain. This is checked every time a user tries to log in.
Logfiles	
Max no of logfiles to keep	Enter the number of logfiles to keep in the logfiles directory.
Max no of days to keep logfiles	Enter the number of days to keep the logfiles. The server deletes the logfiles that are older than this.
Create HTML files	
Create HTML files automatically	Check this box if the Server should create HTML indexfiles for reports and interface files
Reports	
Number of days to keep reports	Enter the number of days to keep the reports before they are deleted.
ISDN	
Connection to OMnet via ISDN	Check this box if the Server connects to OMnet via ISDN.

Table 7: Server Settings 3 Dialog – Field Descriptions

Fields/Buttons	Description
Database	
Days to keep trades and clearing information for expired series	<p>This is the number of calendar days trades and clearing information are kept in the B/O database. After this, they are deleted permanently from the database. Changing this value affects the size of the database. (Positions on the other hand, are kept as long they are kept in the central system, but never longer than what this parameter specifies. Please refer also to the housekeeping section in the <i>BO Database Guide</i>).</p>
Days to keep trading statistics, payments and margins	<p>This is the number of trading days this information is kept in the SECUR B/O database after the information was first stored. Changing this value affects the size of the database.</p> <p>Note: Of the 4 windows related to Margining (Margin Requirements, Account Market Margin, Total Account Margin and Total Member Margin) only data related to the first one (Margin Requirements) is stored locally and thus affected by this setting. Other Margin data is stored in the central system and hence is dependent on the corresponding settings for the central system. Please refer also to the housekeeping section in the <i>BO Database Guide</i>).</p>

Startup	
Server start time	This is the time when the BO Server is starting up in the morning. It has to have the format hhmmss, e.g. 093000 for 09:30
Server stop time	This is the time when the BO Server is exiting and restarted in the evening. It has to have the format hhmmss, e.g. 233000 for 23:30.
Interface Files	
Create interface files automatically	By checking this box, the interface files supported by OMX SECUR Back Office are created by the Server at start-up and during after business.
Days to keep interface files	This is the number of days the interface files remains on disk before they are deleted.
Download preliminary margin vector files.	Specifies whether preliminary vector files should be downloaded or not.
Old Executables	
Delete executable files from previous version	By checking this box, the executables from older version are deleted. This is the default action. Uncheck the option if you want to keep the previous version as a different instance.

To top of chapter 2.

2.2.3 BO Client Setup Dialog

Table 8: Client Settings Dialog – Field Descriptions

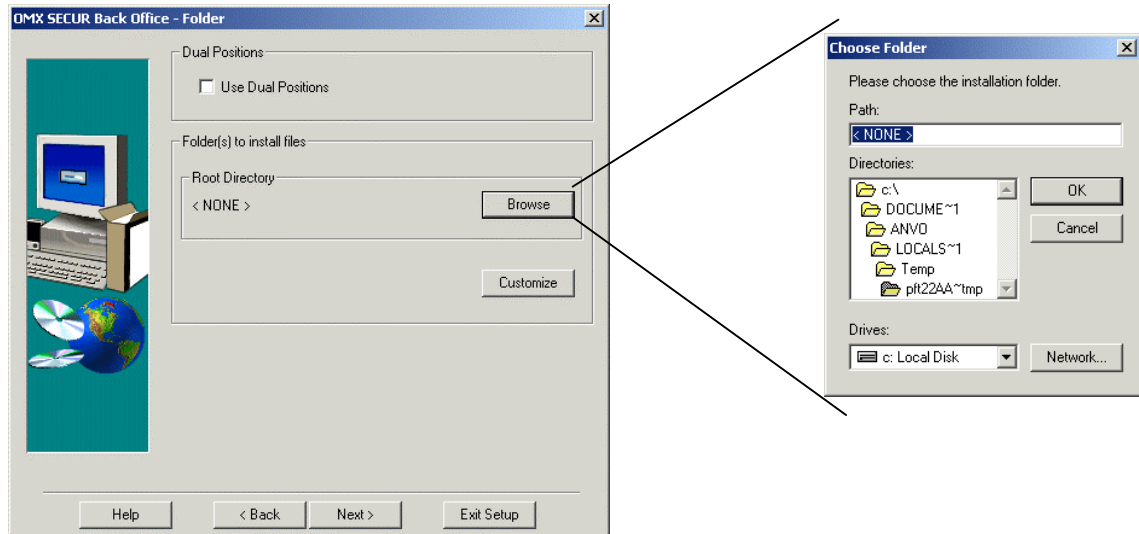
Fields	Description
Server Connection	
Server node	Enter identification of the node where the BO Server will be running. If you are installing the BO Server enter the node identification of your own computer.
Socket number	Enter the socket number used by the BO Server. Use the socket number correlated to the intended instance of the BO server. If you are installing both server and client at the same time, the correct number will be automatically suggested as entry. Note: If several instances are installed on the same machine, each instance must use a unique number. Otherwise the client may (try to) connect to an unintended server instance.
Application Title	
Text in application title	Enter desired text to appear on the application title bar of the windows and on the start icon. Use different application titles for different instances. Note: Avoid using the following characters in the title, they are <i>not</i> supported by Windows: \ ? > < : / * "

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2.2.4 Program Root Folder Setup Dialog

Use the **Browse** button to change the automatic <Root> folder value that the setup program will use for installing files.

Figure 4: Folder Dialog



2.2.5 Customized Program Folder Setup Dialogs

Use the **Customize** button to select specific folders for all file groups that the setup program will use for installing files:

- Program files
- Database (only for Back Office server)
- Reports
- Interface files
- Log files
- Report and interface files (only for BO Sserver when HTML files are created, because in this case these files must be located to the same folder.)

One of the figures below appears when the **Customize** button is chosen in the **Folder** dialog.

Figure 5: Folder Customize Dialog for Server without HTML Files

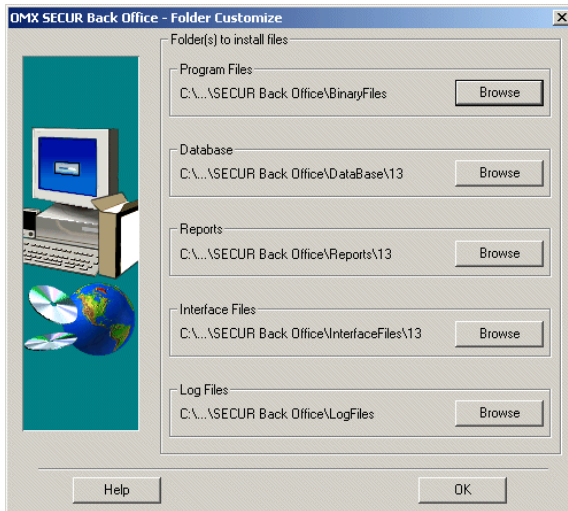


Figure 6: Folder Customize Dialog for Server with HTML Files

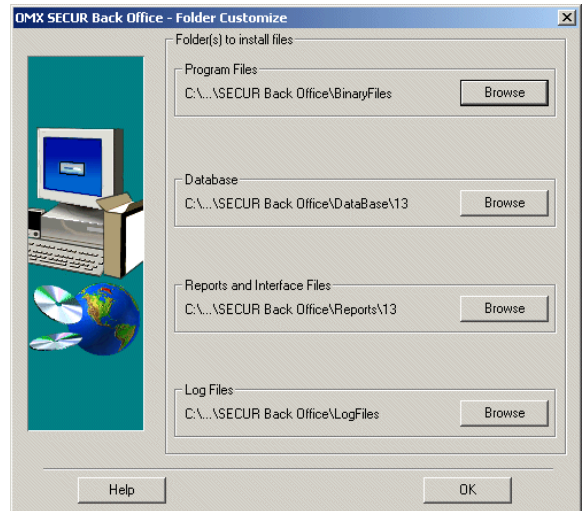
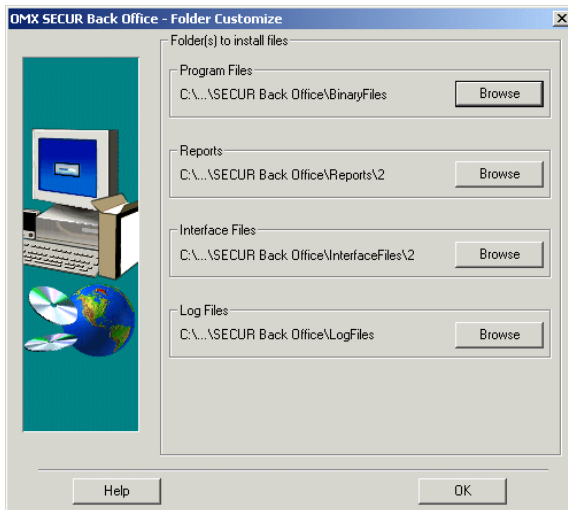


Figure 7: Folder Customize Dialog for Client



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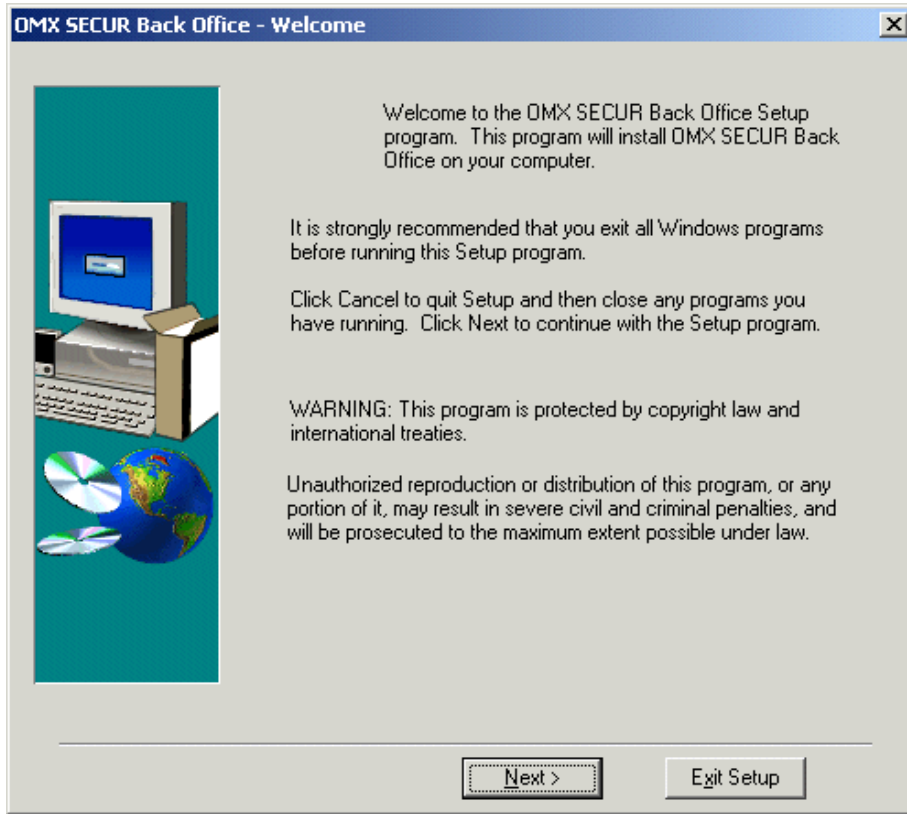
2.2.6 Installing

Perform the procedure to install the BO Server and/or BO Client:

1. Double-click the file:

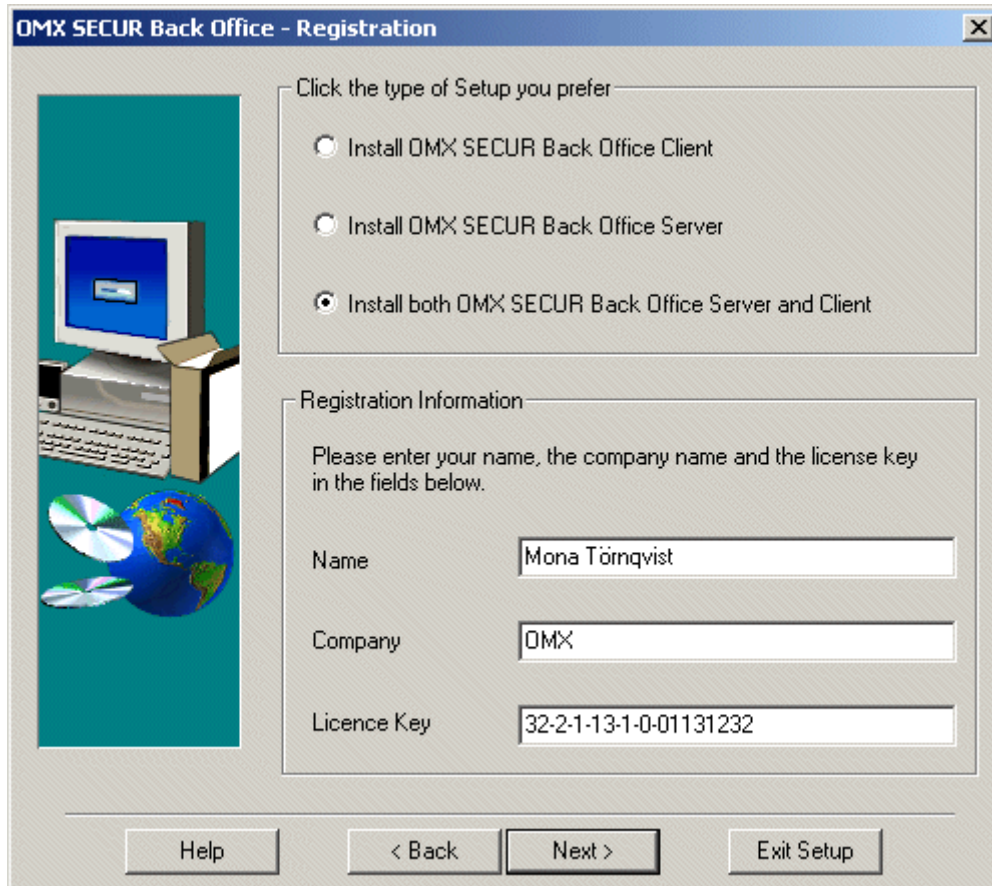
OMSECUR_BackOffice_v<version#>.exe

Result: The **OM OMX SECUR Back Office - Welcome** dialog opens.



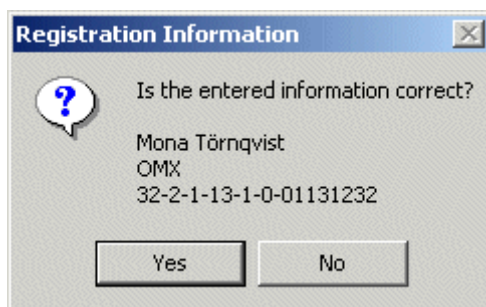
2. Read the text ⇒ **Next**.

Result: The **OMX SECUR Back Office - Registration** dialog opens, used for setup choice and for registration.



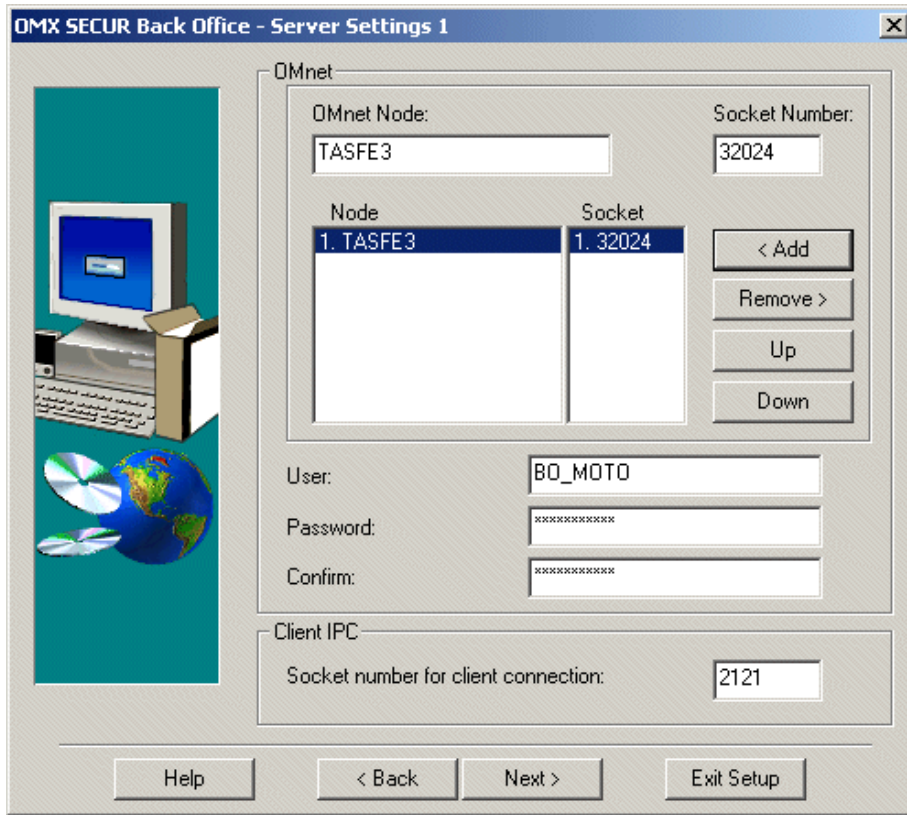
3. Select the desired installation option, specify user **Name**, **Company** and **License Key**.
 4. ⇒ **Next**.

Result: A **Registration Information** box appears.



5. Check your registration entries are correct ⇒ **Yes**.

Result: The **OMX SECUR Back Office - Server Settings 1** dialog opens if the BO Server setup was chosen, otherwise go to step 11.

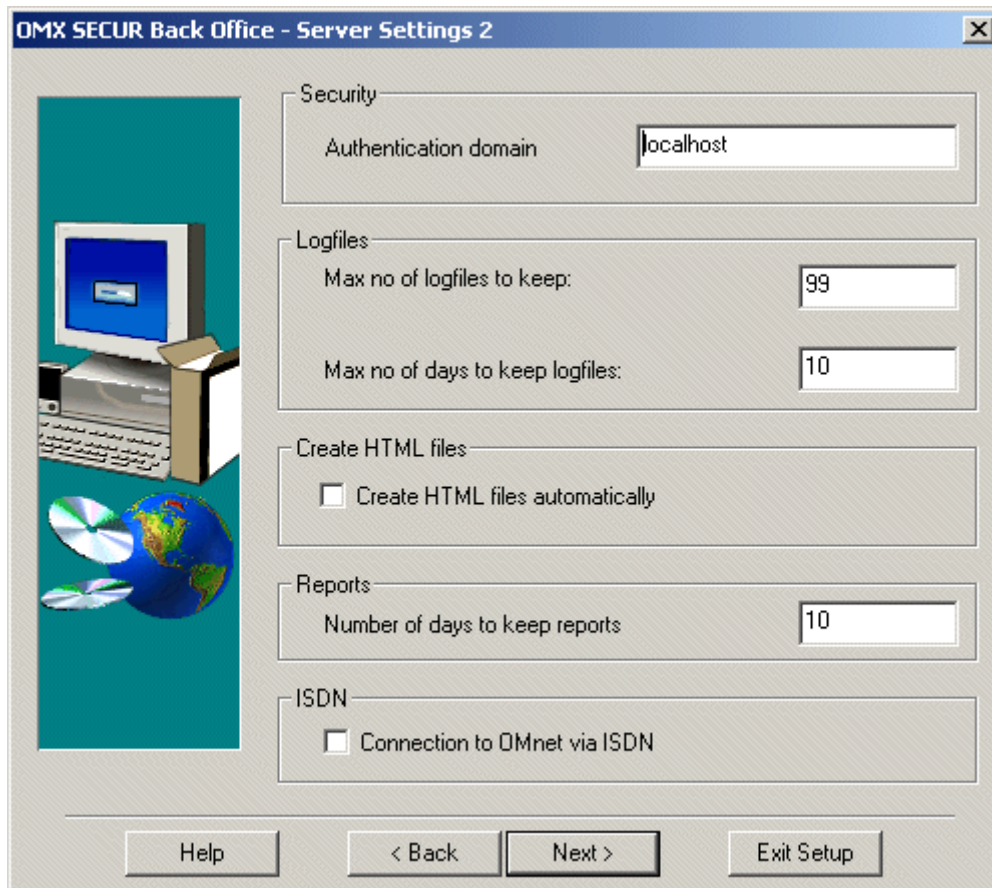


6. Enter the settings for the BO Server connections according to Table 5: ⇒ **Add**.

Note: One set of **OMnet node** and **Socket number** is mandatory but more than one set can be specified. If the server cannot login to OMnet using the first set, it tries to connect using the next set until all sets are tried.

7. ⇒ **Next.**

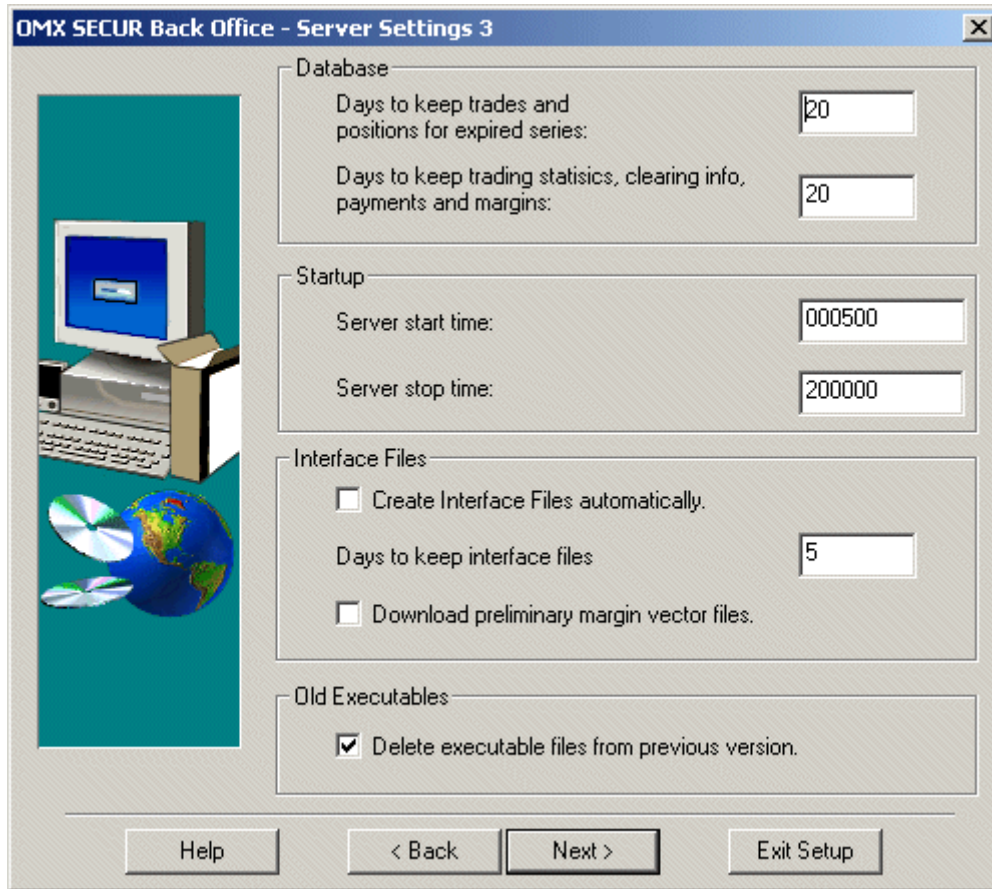
Result: The **OMX SECUR Back Office - Server Settings 2** dialog opens only if the BO Server setup was chosen.



8. Specify settings for the BO Server: **Authentication domain** (mandatory), **Logfiles**, **Create HTML files**, **Reports**, and **ISDN** according to Table 6: .

9. ⇒ **Next.**

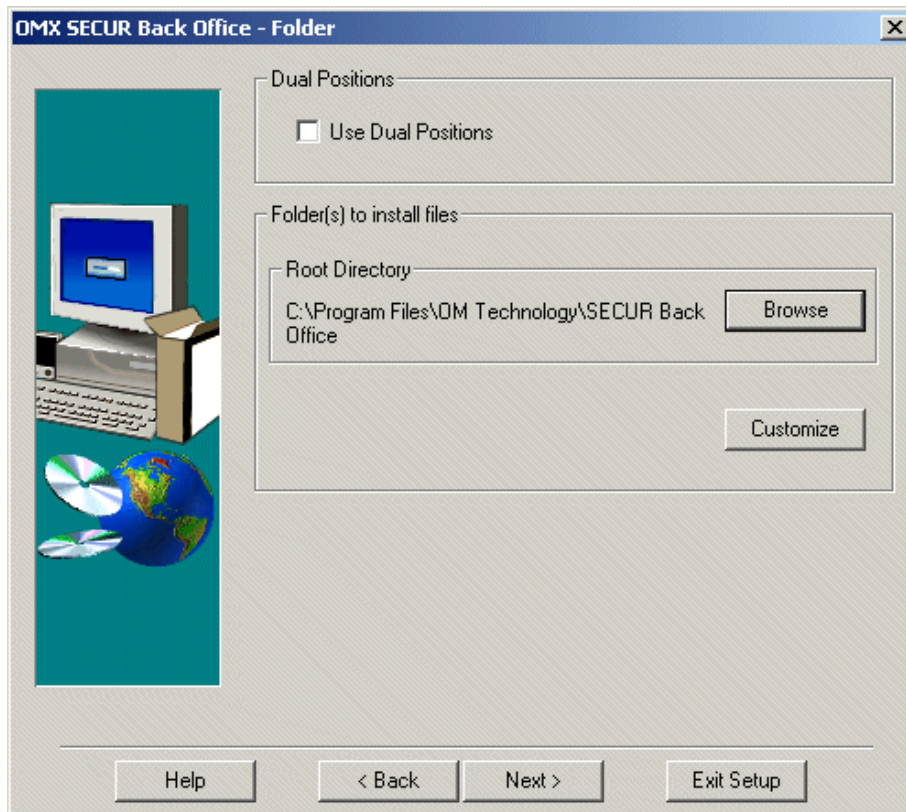
Result: The **OMX SECUR Back Office - Server Settings 3** dialog opens only if the BO Server setup was chosen.



10. Specify settings for the **Database**, **Startup**, **Interface files** and **Old executables** according to Table 7: .

11. ⇒ **Next.**

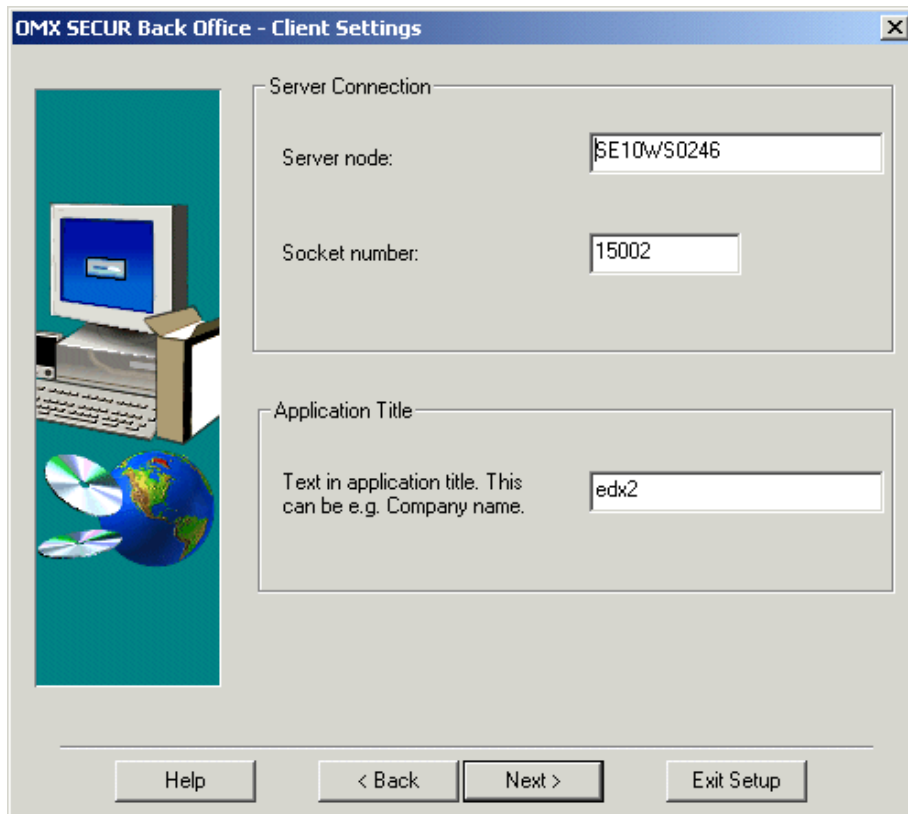
Result: The **OMX SECUR Back Office - Folder** dialog opens.



12. Check the **Dual Positions** checkbox if the exchange is intended to keep positions for current clearing date and next clearing date.
13. Select installation folders in one of the following ways:
 - a) To accept the default **<root>** for the setup program to install all OMX SECUR Back Office files goto next step.
 - b) To specify a specific **<root>** ⇒ **Browse** as described in 2.2.4 ⇒ **OK**.
 - c) To specify specific folders for program groups ⇒ **Customize** as described in 2.2.5 ⇒ **OK**.

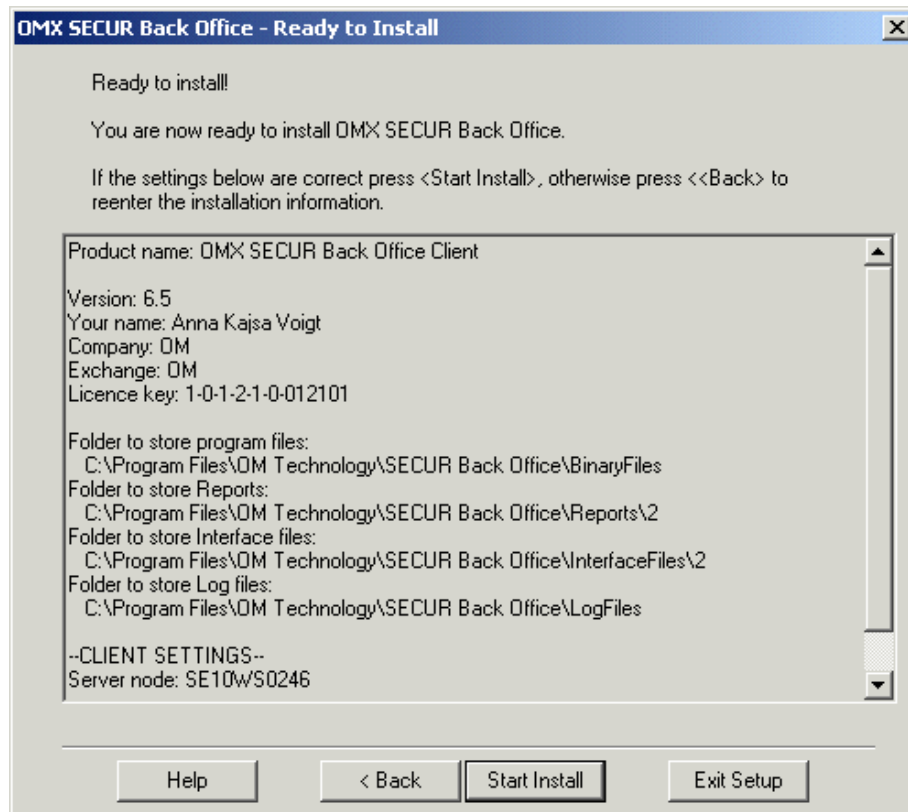
14. ⇒ **Next.**

Result: The **OMX SECUR Back Office - Client Settings** dialog opens only if the BO Client setup was chosen.



15. Enter the settings according to Table 8: ⇒ **Next**.

Result: The **OMX SECUR Back Office - Ready to Install** dialog opens.

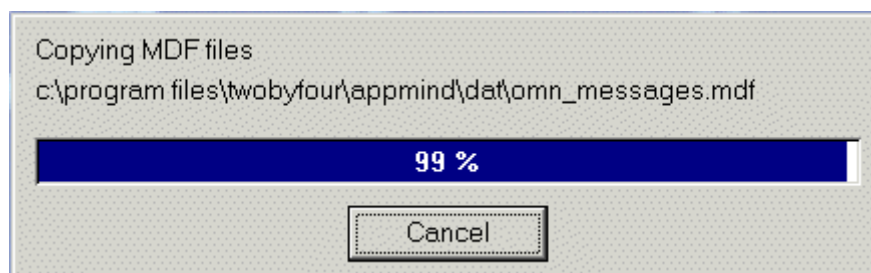


16. Check that all recorded settings are correct ⇒ **Start Install**.

Result: An **Information** box may appear, providing a choice to keep or delete the database from a previous installation.

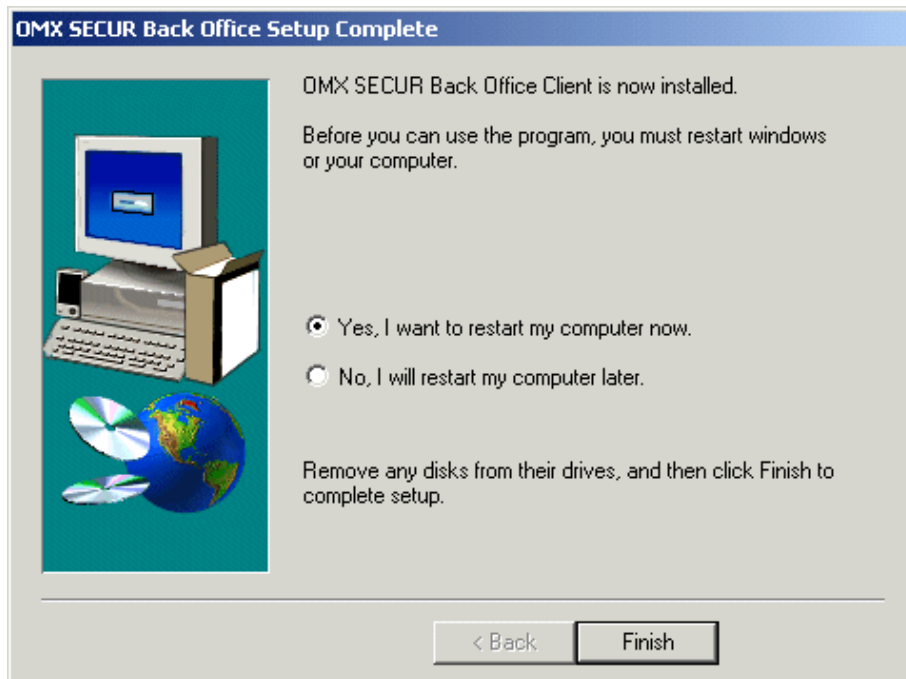
17. If you are upgrading an existing installation, it is recommended to keep the database by clicking **Yes**.

Result: The installation of OMX SECUR Back Office starts. The progress is shown.



18. Wait until the **OMX SECUR Back Office - Setup Complete** dialog appears.

Result: The installation is completed.



19. Choose **Yes, I want to restart my computer now** ⇒ **Finish**.

Result: The computer is restarted.

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3 After Installation

Overview

This chapter describes actions to be taken after the installation:

- BO Server Startup
- BO Client Startup
- Uninstall OMX SECUR Back Office
- New BO Client Users

[Contents](#)

Procedures:

- Viewing Startup Progress
- Setting Security Options
- Viewing Instance #
- Logging In
- Analysing and Reporting Problems
- Removing an Instance
- Removing the Watchdog
- Error! Reference source not found.**
- Adding New Windows 2000 Users

Figures:

- DOS Command Prompt
- Error! Reference source not found.**

Information:

- Watchdog Control
- Client Icons
- Uninstall Program

Tables:

- Log Files

To top of chapter 3.

3.1 BO Server Startup

3.1.1 Watchdog Control

The BO Server is started and restarted automatically by the Watchdog process. The Watchdog is restarted when the computer is restarted. The user does not need to perform any actions to run the BO Server.

The first time the server starts, it downloads all active trades, all accounts, yesterday's information and today's instruments into the database. This may take some time.

Note: We strongly recommend that the first startup take place outside trading hours since the download can affect the performance of potential trading applications sharing the same physical connection.

3.1.2 Viewing Startup Progress

The progress of the startup can be followed in the server log file:

```
Bo_srv_<INSTANCE>_<NODE>.LOG
```

The log file is located in the **Logfiles** directory, specified in the **Folder** dialog. When the startup process is complete, the BO Server prints “Init is complete. Doing the main loop.”

3.1.3 Setting Security Options

Before taking the OMX SECUR Back Office Application into service, the local security settings in Windows on the Server computer must be set to prevent users to use blank passwords in their localhost domain.

Windows 2000

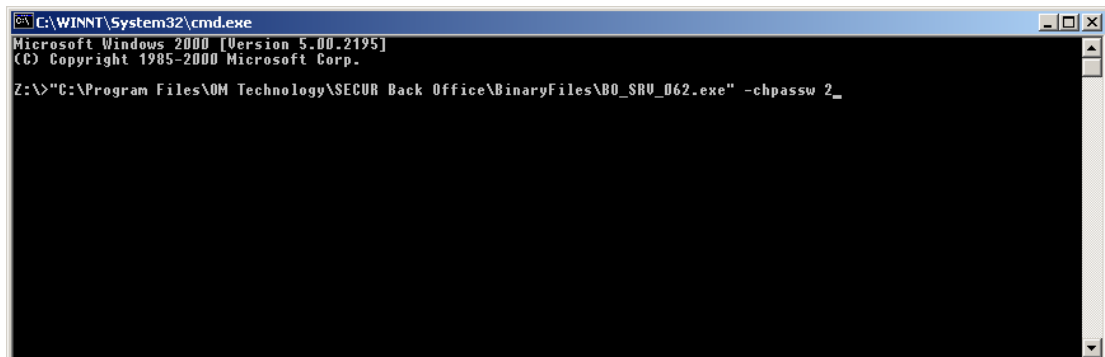
Actions for Windows 2000

1. Log in as **Administrator** to the computer running the BO Server.
2. Select **Start** ⇒ **Settings** ⇒ **Control Panel** ⇒ **Administrative Tools** ⇒ **Local Security Policy**.
Result: The **Local Security Settings** window opens.
3. Select **Account Policies** ⇒ **Password Policy**.
Result: A list opens displaying policy items.
4. Check whether the value for the “**Minimum password length**” item is set to 0 (zero). In this case, double-click on “**Minimum password length**” and set it to a value greater than zero ⇒ **OK**.

3.1.4 Changing OMnet Server Password

The OMnet server password is set during the installation. Use this procedure if you like to change it after the installation:

1. Open the folder in which the BO server executable resides.
2. Start a DOS command prompt window on your machine.
3. Drag and drop the server executable file onto the DOS prompter window. If the path name includes spaces enclose all of it in double quotes:
4. a) Add a space and the argument `-chpasswd`.
5. b) Add a space and the instance number of the configuration.



6. Press **[Enter]**.
7. Enter new server password and press **[Enter]**.

8. Confirm new password and press **[Enter]**.
Result: The server password is successfully changed.

It's also possible to enter everything in one row:

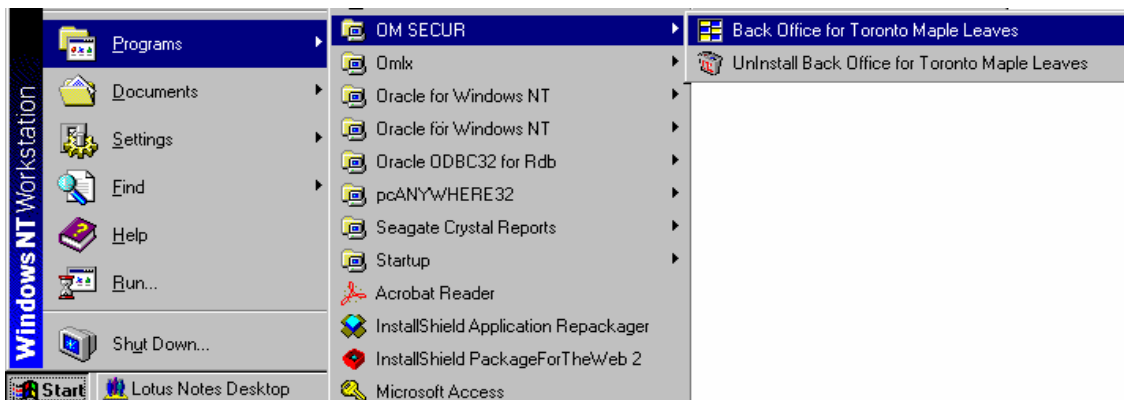
```
-chpasswd <new password> <new password>
```

3.2 BO Client Startup

3.2.1 Client Icons

As part of the installation, the program group **OMX SECUR** was added to the **Start** menu. The program name became **Back Office for <Application Title>**, where **<application title>** was entered during the installation in the **Client Settings** dialog, see 2.2.6 step 15. Figure 8: shows an example.

Figure 8: Start Menu Path to the OMX SECUR Back Office Client.



3.2.2 Viewing Instance

To figure out to which instance # the application title relates, perform the following steps:

1. On Windows **Start** menu, choose **Programs** ⇒ **OMX SECUR** ⇒ **Back Office for <Application Title>**.
2. ⇒ Properties on the right-click menu.
Result: The **Back Office for <Application Title> Properties** dialog opens.
3. ⇒ **Shortcut** view ⇒ **Target** field.
Result: The **Target** field shows the instance #.

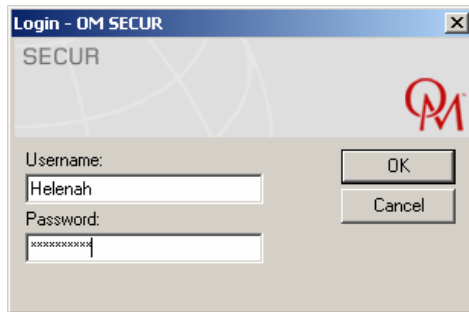
3.2.3 Logging In

Use this procedure to log in to the BO Client:

1. Switch on the PC.
2. In Windows Login dialog enter your Windows username and password.

- On Windows **Start** menu, choose **Programs** ⇒ **OMX SECUR** ⇒ **Back Office for <Application Title>**.

Result: The **OMX SECUR** splash screen is presented Figure 3: followed by the **OMX SECUR Login** dialog.



- In **OMX SECUR Login** dialog enter your Windows **Username** and **Password**.

⇒ **OK**

Note: The BO Client uses Windows **Username** and **Password**.

Result: If the login was successful, the **OMX SECUR B/O** main menu appears, see Figure 2: .

3.2.4 Exiting

To exit the BO Client, choose **File** ⇒ **Exit**.

3.2.5 Analysing and Reporting Problems

Information about application problems is stored in the process log files located in:

<ROOT>\LogFiles.

Table 9: Log Files

Process	Log File Name
BO Server	Bo_srv_<INSTANCE>_<NODE>.LOG
BO Client	Bo_client_<VERSION>_<INSTANCE>_<NODE>.LOG
BO Watchdog	Bo_wtchdg<NODE>.LOG

When reporting problems of any kind to OMX SECUR personnel, please send the contents of the log files directory in the problem report. When reporting improvement suggestions, this is not necessary.

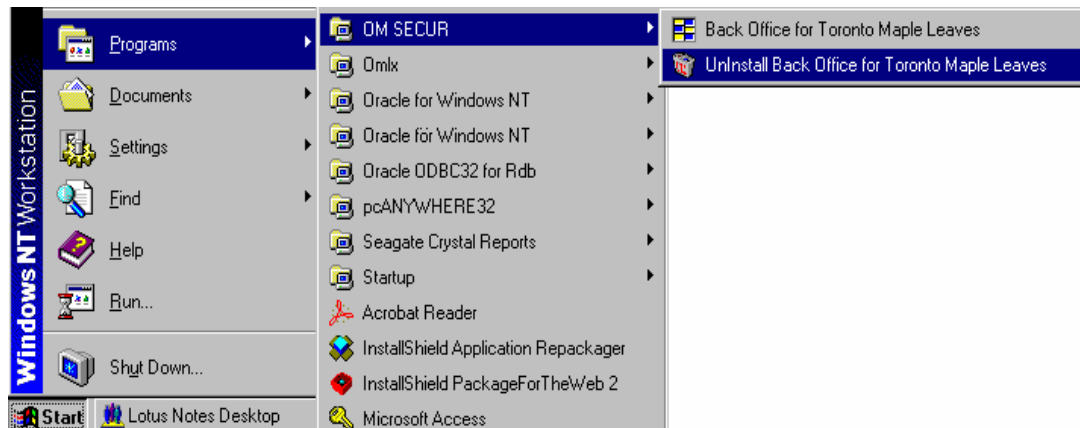
To top of chapter 3.

3.3 Uninstall OMX SECUR Back Office

3.3.1 Uninstall Program

An instance of OMX SECUR Back Office Server or Client can be removed automatically by using the Uninstall Back Office program.

Figure 9: Start Menu Path to the OMX SECUR Uninstall Back Office



The **Uninstall** program removes the selected instance of the OMX SECUR Back Office, including:

- All files belonging to this instance but only if no other instance shares the file
- The service for this instance of BO Server for a server installation
- The ODBC connection for a server installation
- All log files in the **Logfiles** directory created by the server and client for this instance.
- All interface files belonging to this instance
- All registry entries for this instance in:

`HKEY_LOCAL_MACHINE\SOFTWARE\OM\OMX SECUR\BackOffice\<INSTANCE>`

Note: To remove *all instances* of the Back Office first remove the Watchdog manually as described in 3.3.3.

3.3.2 Removing an Instance

Use this procedure to remove an instance of the BO Application:

1. Switch on the PC.
2. In Windows Login dialog enter Windows username and password.
3. On the Windows **Start** menu, choose **Programs** ⇒ **OMX SECUR** ⇒ **Uninstall Back Office for <Application Title>**.

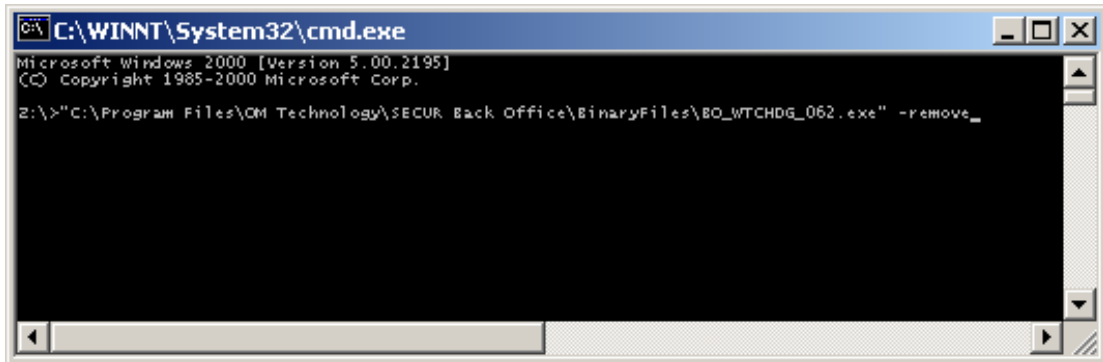
Result: The OMX SECUR Back Office instance is removed as described above.

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3.3.3 Removing the Watchdog

When removing an instance of BO Server or Client the Watchdog will remain. When removing all instances the Watchdog must be removed manually by using the DOS Command Prompt.

Figure 10: DOS Command Prompt



To remove the BO Watchdog service use the following procedure:

1. Open the program folder <ROOT>\BinaryFiles.
2. Choose the DOS **Command Prompt** window.
Result: The DOS **Command Prompt** window opens Figure 10: .
3. Drag and drop the BO Watchdog executable file into the DOS **Command Prompt** window. If the path includes spaces enclose all of it in double quotes.
4. Add a space and the argument -remove .
5. Press **[Enter]**.
Result: The BO Watchdog service is removed.

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3.4 New BO Client Users

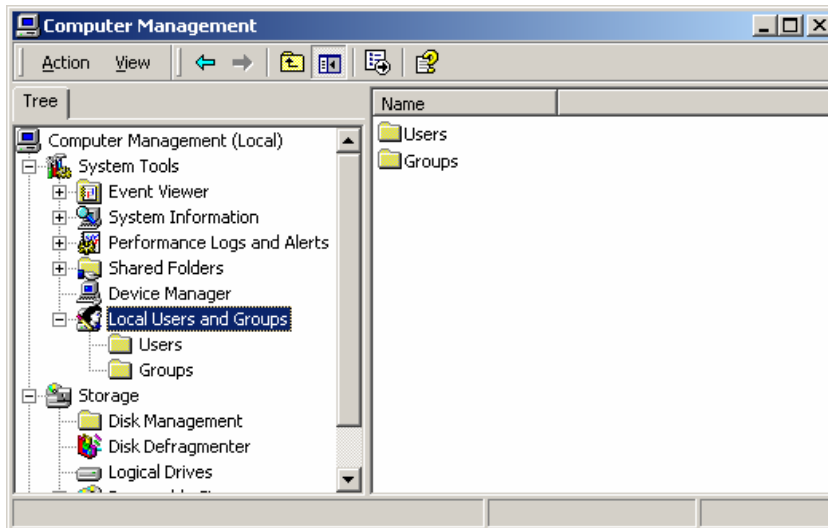
Since the BO Client uses Windows authentication, adding a new BO Client user is the same as adding a new Windows user.

To top of chapter 3.

3.4.1 Adding New Windows 2000 Users

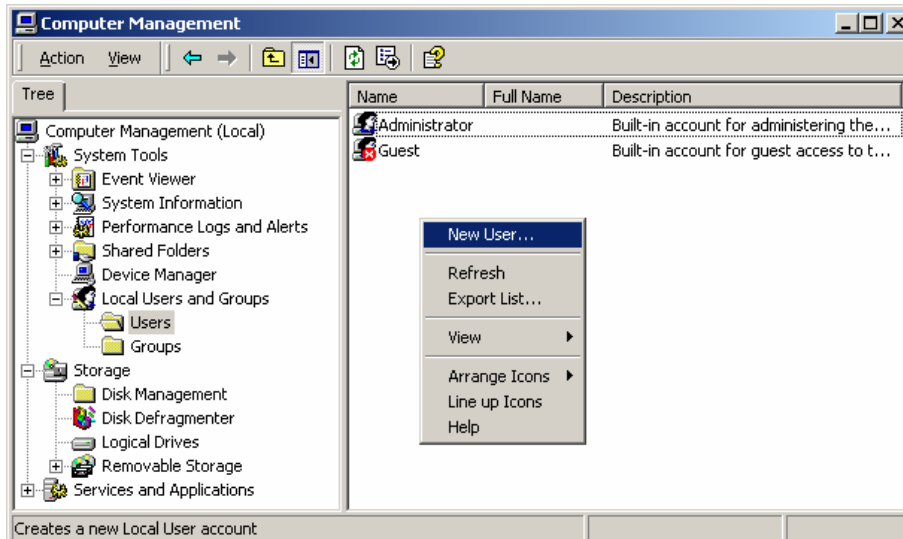
Use the following procedure to add new Windows 2000 users on the localhost:

1. Choose **Start** ⇒ **Settings** ⇒ **Control Panel**, double-click the **Administrative Tools** icon and then the **Computer Management** icon.
Result: The **Computer Management** window opens.



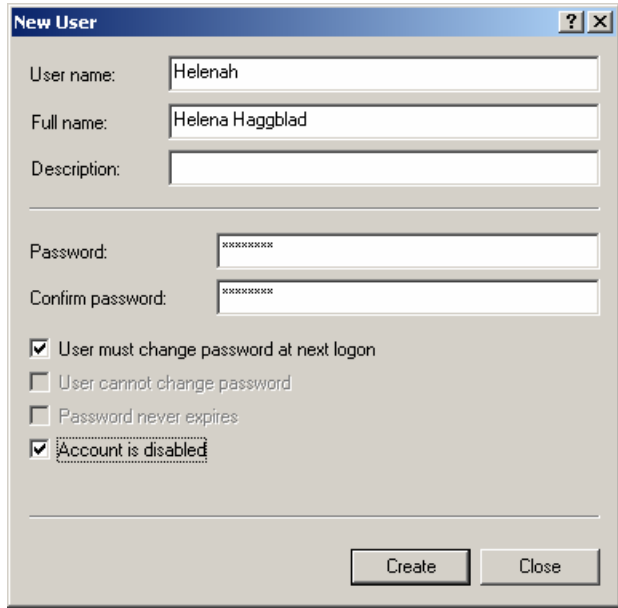
- In the tree choose **Local Users and Groups** and double-click the **Users** folder.

Result: The users are displayed.



- Select empty space in the list ⇒ **New User** on the right-click menu.

Result: The **New User** dialog opens.



4. Specify **User name**, **Full name**, **Description** (optional), **Password** and **Confirm password** ⇒ **Create** ⇒ **Close**.
Result: A new user has been added.

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