X-pand into the Future

e u r e x *circular 030/02*

Date: Frankfurt, 27 March, 2002
Recipients: All Eurex members and vendors
Authorized by: Jürg Spillmann

⚠ **Action Required** ⚠ **High Priority**

1. Distribution of Eurex 5.0 and GATE 3.0 Update Kits and Windows 2000 Full Kits on 28 March, 2002

2. Support for Windows XP for Eurex 5.0 from 6 may, 2002

Related Eurex Circulars: 011/02, 016/02, 023/02

Contact: Technical Help-desk: Tel +49 69-2101-1200

Content may be most important for:	**Attachments:** Windows 2000 Migration Document
➲ All Departments	

Summary:

1. Distribution of Eurex 5.0 and GATE 3.0 Update Kits and Windows 2000 Full Kits on 28 March, 2002

After close of trading on Thursday 28 March, 2002 Eurex will distribute Eurex and GATE update kits and Full kits for production and simulation. System administrators must prepare for the transfers by ensuring that sufficient storage capacity is available in the production and simulation environment and that both environments are reachable on Thursday evening.

The Eurex 5.0 Production Update Kit 2, the Eurex 5.0 Simulation Update Kit 3, the GATE 3.0 Production Update Kit 3 and the GATE 3.0 Simulation Update Kit 4 contain functional as well as technical enhancements. It is therefore strongly recommended that the production and simulation update kits for Eurex 5.0 and GATE 3.0 are installed.

In addition, for the beginning of our support for Windows 2000 for Eurex Release 5.0, announced in Circular 011/02, you will receive full kits for Eurex 5.0 and GATE 3.0 in production and simulation. The migration from Windows NT to Windows 2000 must be completed before the introduction of Eurex Release 6.0 (end of October, 2002) or Xetra 7.0 (19 August, 2002), since from Eurex 6.0 and Xetra 7.0 Windows NT will no longer be supported. In order to avoid risks to production we strongly recommend that the migration from Windows NT to Windows 2000 is carried out well before the introduction of Eurex 6.0 or Xetra 7.0.

2. Support for Windows XP for Eurex 5.0 from 6 may, 2002

From 6 May, 2002, for workstations, Eurex and Xetra will also support Windows XP Professional, English Version. However, Windows XP will not be supported for @Eurex workstations. The migration from Windows NT workstations to Windows XP workstations must also be completed before the introduction of Eurex 6.0 or Xetra 7.0 since Windows NT will no longer be supported from Eurex 6.0 or Windows 7.0.

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1. Distribution of Eurex 5.0 and GATE 3.0 Update Kits and Windows 2000 Full Kits on 28 March, 2002
2. Support for Windows XP for Eurex 5.0 from 6 May, 2002

1. Distribution of Eurex 5.0 and GATE 3.0 Update Kits and Windows 2000 Full Kits on 28 March, 2002

After close of trading on Thursday 28 March, 2002 the following software kits will be made available to Eurex Members and vendors:

a. GATE 3.0 Simulation Update Kit 4
b. GATE 3.0 Production Update Kit 3
c. Windows 2000 Full Kit for GATE 3.0 Simulation
d. Windows 2000 Full Kit for GATE 3.0 Production
e. Eurex Release 5.0 Simulation Update Kit 3
f. Eurex Release 5.0 Production Update Kit 2
g. Windows 2000 Full Kit F0r Eurex Release 5.0 Simulation
h. Windows 2000 Full Kit for Eurex Release 5.0 Production

The Eurex 5.0 and GATE 3.0 simulation and production kits listed above contain functional as well as technical enhancements. **It is therefore strongly recommended that the production and simulation update kits for Eurex 5.0 and GATE 3.0 are installed.**

For the start of support for Windows 2000 for Eurex Release 5.0 beginning on 2 April, 2002 you will receive full Windows 2000 kits for Eurex 5.0 and GATE 3.0 in production and simulation versions. The migration from Windows NT to Windows 2000 must be completed before the introduction of Eurex Release 6.0 (end of October, 2002) or Xetra 7.0 (19 August, 2002), since from Eurex 6.0 and Xetra 7.0 Windows NT will no longer be supported. In order to avoid risks to production we strongly recommend that the migration from Windows NT to Windows 2000 is carried out well before the introduction of Eurex 6.0 or Xetra 7.0.

The @Eurex Release 5.0 Simulation and Production kits for the Windows 2000 Upgrade can be downloaded from the Eurex web-site at the following location:

www.eurexchange.com / info for members / Eurex software kits

The @Eurex Release 5.0 kits also contain the software updates of Eurex 5.0 Production Update Kit 2 and Eurex 5.0 Simulation Update Kit 3.

For installation instructions and details of migration from Windows NT to Windows 2000, please refer to the document “Windows 2000 Migration” attached to this circular. The document contains a description of the standard set-up of user accounts and user groups under Windows 2000 Active Directory In other respects, the Windows NT descriptions in the documents “Eurex Front End Installation Guide” and “Eurex Front End Operations Guide” are equally valid for the use of Windows 2000.

The documents “GATE Release 3.0 Front End Installation Guide” and “GATE Release 3.0 Front End Operations Guide” have been updated for Windows 2000 and are available on our web-site at ‘info for members > manuals > Release 5.0 > technical manuals’. The “Common Front End Sizing Guidelines” document has also been updated for Windows 2000 and is available on our web-site at the same location.

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Target Directories and required storage space for the transfer of the production kits (GATE 3.0 and Eurex 5.0 are as follows:

SUN Solaris (MISS):	/opt/gate/transferdir/release00/	60 MB
Windows NT (MISS):	<ftp-root directory>\release00\	60 MB

Target Directories and required storage space for the transfer of the simulation kits (GATE 3.0 and Eurex 5.0 are as follows:

SUN Solaris (MISS):	/opt/gate/transferdir/release01/	60 MB
Windows NT (MISS):	<ftp-root directory>\release01\	60 MB

Please forward this circular to your system administrator so that the data files which are no longer required can be deleted before the software transfer (e.g. software kits, Theoretical Price Files, Reports).

Please also make sure that your production and simulation environments are connected to the Eurex network on Thursday, 28 March, 2002 from 22:00 CET.

If you have not received the software by Tuesday 2 April, 2002 please contact our Technical Help-desk on +49 69-2101-1200.

Additionally, from Tuesday 2 April, 2002 the software will be available for download from our web-site "eurexchange.com" at the location:

'info for members > Eurex software kits > Release 5.0 production'.

If you have problems logging in to the Members' section, please contact Functional Member Readiness at +49 69 2101 1700.

Certification of Windows 2000 MISSs by Technical member Readiness
In principle, on modification of a MISS configuration, Technical Member Readiness needs to re-certify the configuration. However, if you are only changing from Windows NT to Windows 2000 it is sufficient to inform Technical Member Readiness by Fax (+49 69-2101-1711) of the operating system upgrade. The fax should also contain the following information:

a) The Logical Device ID of the MISS as defined by the exchange
b) The IP address of the MISS

2. Support for Windows XP for Eurex 5.0 from 6 May 2002

From 6 May, 2002 Eurex and Xetra will also support Windows XP Professional, English Version for workstations in Windows 2000 or Sun Solaris MISS configurations (not with Windows NT MISSs). However, Windows XP will not be supported for @Eurex workstations.

The migration from Windows NT workstations to Windows XP workstations must also be completed before the introduction of Eurex 6.0 or Xetra 7.0 since Windows NT will no longer be supported from Eurex 6.0 or Windows 7.0. In order to avoid risks to production during the release change we strongly recommend that the migration from Windows NT to Windows XP is carried out well in advance of the introduction of Eurex 6.0 or Xetra 7.0. To allow a step-wise migration from Windows NT to Windows XP, until the introduction of Eurex Release 6.0 and Xetra Release 7.0 Windows NT, Windows 2000 and Windows XP will be supported in parallel. As stated above, after those dates, Eurex and Xetra will not operate under Windows NT.

In order to avoid risks to production during the release change, we strongly recommend that the migration from Windows NT to Windows 2000 and Windows XP is carried out well in advance of the introduction of Xetra Release 7.0 or Eurex Release 6.0.

The sizing requirements for Windows XP correspond to the sizing requirements for Windows 2000.
Thus, from 6 May, 2002 until the introduction of Eurex Release 6.0 and Xetra Release 7.0, the following MISS/Workstation operating system combinations will be supported:

MISS	Workstation
Windows 2000, SP2	Windows 2000, SP2
Windows 2000, SP2	Windows NT 4.0, SP5
Windows 2000, SP2	Windows XP Professional
Windows NT 4.0, SP5	Windows 2000, SP2
Windows NT 4.0, SP5	Windows NT 4.0, SP5
Sun Solaris, Version 8	Windows 2000, SP2
Sun Solaris, Version 8	Windows NT 4.0, SP5
Sun Solaris, Version 8	Windows XP Professional
Sun Solaris, Version 8	Sun Solaris, Version 8

Additional information on the support for Windows XP will be made available in a separate circular at the end of April, 2002.

For technical questions, please contact the Technical Help-desk on Tel. +49 69-2101-1200 and for functional queries, please call Function Member Readiness on Tel. +49 69-2101-1700.

Frankfurt, 27 March, 2002

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Windows 2000 Migration Document

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1 General

The purpose of this document is to provide the relevant information necessary for the migration to Windows 2000. This includes in general

1. The supported Windows 2000 configurations (Chapter 2)
2. The Eurex, Xetra and GATE software which is Windows 2000 compatible and the software distribution process (Chapter 3)
3. The Windows 2000 migration paths, (i.e.) the steps which have to be taken to perform a scratch installation of Windows 2000 or upgrade Windows NT 4.0 to Windows 2000 and subsequently install the Gate, Xetra and/or Eurex Software (chapter 4-7).
4. Standard setup of user groups and user accounts in Windows 2000 (chapter 8).
5. Windows 2000 configuration issues which may occur (chapter 9).

2 Supported Windows 2000 Configuration

2.1 Supported Windows 2000 Operating System

The following Operating System Versions of Windows 2000 will be supported:

	MISS	**Workstation**
Operating System:	Windows 2000 Server (Standard Version)	Windows 2000 Professional Version
Service Pack:	SP2	SP2
Language:	English	English

2.2 Supported Windows 2000 MISS/Workstation Combinations

From 02 April 2002 onwards, until the introduction of Eurex Release 6.0 (October 2002) and Xetra Release 7.0 (26 August 2002) the following MISS/Workstation Combinations will be supported:

MISS	**Workstation**
Sun Solaris, Version 8	Sun Solaris, Version 8
Sun Solaris, Version 8	Windows NT 4.0, SP 5
Sun Solaris, Version 8	Windows 2000, SP2
Windows NT 4.0, SP 5	Windows NT 4.0, SP 5
Windows NT 4.0, SP 5	Windows 2000, SP2
Windows 2000, SP2	Windows NT 4.0, SP 5
Windows 2000, SP2	Windows 2000, SP2

3 Windows 2000 Software and Software Distribution

For the migration to Windows 2000 specific Eurex, Xetra and GATE Kits have to be used.

Deutsche Börse AG will therefore transfer the necessary kits to Xetra and Eurex members/vendors after close of trading on Thursday 28 March 2002.

The following Kits will be transmitted to the respective Eurex/Xetra Production or Simulation environment

Please make sure that your MISSes for the appropriate environments are connected to the Xetra/Eurex networks on Thursday, 28 March 2002, from 22:00 CET.

3.1 GATE Kits

GATE 3.0 Simulation environment:

- GATE 3.0 Simulation Full Kit: gater30s_w2k.exe
- GATE 3.0 Simulation Update Kit: gater30s_upd4.pl

GATE 3.0 Production environment:

- GATE 3.0 Production Full Kit: gater30_w2k.exe
- GATE 3.0 Production Update Kit: gater30_upd3.pl

Transfer of these kits will take place with the distribution of Xetra and Eurex Kits and will be transferred to the Eurex respectivley Xetra specific directories.

3.2 Xetra Kits

Xetra 6.5 Simulation environment:

- Xetra 6.5 Simulation Full Kit: xetrar65s_w2k.exe
- Xetra 6.5 Simulation Update Kit: xetrar65s_upd3.pl

Directories and required storage space for the transfer of the Xetra and GATE Simulation Kits are as follows:

Sun Solaris	/opt/gate/transferdir/release52	30 MB
Microsoft Windows	<ftp-root directory>\release52	30 MB

Xetra 6.5 Production environment:

- Xetra 6.5 Production Full Kit: xetrar65_w2k.exe
- Xetra 6.5 Production Update Kit: xetrar65_upd2.pl

Directories and required storage space for the transfer of the Xetra and GATE Production Kits are as follows:

Sun Solaris	/opt/gate/transferdir/release51	30 MB
Microsoft Windows	<ftp-root directory>\release51	30 MB

@Xetra Kits:

- @Xetra 6.5 Simulation Full Kit: install_XT65S_upd3.exe
- @Xetra 6.5 Production Full Kit: install_XT65_upd2.exe

The @Xetra Kits are available for download from the Xetra web site www.xetra.de under path '*Members only* > *@Xetra* > *@Xetra Software'.*

3.3 Eurex Kits

Eurex 5.0 Simulation environment:

- Eurex 5.0 Simulation Full Kit: eurexr50s_w2k.exe
- Eurex 5.0 Simulations Update Kit: eurexr50s_upd3.pl

Directories and required storage space for the transfer of the Eurex and GATE Simulation Kits are as follows:

Sun Solaris	/opt/gate/transferdir/release01	60 MB
Microsoft Windows	<ftp-root directory>\release01	60 MB

Eurex 5.0 Production environment:

- Eurex 5.0 Production Full Kit: eurexr50.exe
- Eurex 5.0 Production Update Kit: eurexr50_upd2.pl

Directories and required storage space for the transfer of Eurex 5.0 Production Update Kit2 and GATE Production Kits are as follows:

Sun Solaris	/opt/gate/transferdir/release00	60 MB
Microsoft Windows	<ftp-root directory>\release00	60 MB

@Eurex Kits:

- @Eurex 5.0 Simulation Kit: atEurexr050s_w2k.exe
- @Eurex 5.0 Production Kit: atEurexr050_w2k.exe

The @Eurex Kits are available for download from the Eurex Website www.eurexchange.com under the path *'info for members > Eurex software kits'*.

4 Eurex 5.0 Simulation Environment

4.1 Eurex 5.0 Simulation - Scratch Installation under Windows 2000

Steps to be performed for the Scratch Installation of Eurex 5.0 in the simulation environment:

a. Install the respective Windows 2000, Service Pack 2, English Version on the MISS or Workstation as announced in circular 011/2002.

b. Install the Windows 2000 GATE Simulation Kits for Windows 2000: **gater30s_w2k.exe** and gater30s_upd4.pl

c. Install the Eurex 5.0 Simulation Kits for Windows 2000: **eurexr50s_w2k.exe** and **eurexr50s_upd3.pl**

4.2 Eurex 5.0 Simulation - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to Upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, in Eurex 5.0 Simulation Environment.

a. Install the Windows 2000 GATE Simulation Update Kit: **gater30s_upd4.pl**

b. Install the Eurex 5.0 Simulation Update Kit 3: **eurexr50s_upd3.pl**

c. Upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2, English Version for MISS or Workstation as announced in circular 011/2002.

4.3 @Eurex 5.0 Simulation - Scratch Installation of Windows 2000

Steps to be performed for the scratch installation of the @Eurex Release 5.0 in the Simulation environment

a. Install Windows 2000, Service Pack 2, English Version on the MISS or Workstation as announced in circular 011/2002.

b. Install the @Eurex Release 5.0 Simulation Kit atEurexr050s_w2k.exe

4.4 @Eurex 5.0 Simulation - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, in the @Eurex Release 5.0 Simulation environment.

a. Install the @Eurex Release 5.0 Simulation Kit atEurexr050s_w2k.exe

b. Upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 011/2002.

5 Eurex 5.0 Production Environment

5.1 Eurex 5.0 Production - Scratch Installation under Windows 2000

Steps to be performed for the Scratch Installation of Eurex 5.0 in the production environment.

a. Install Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 011/2002.

b. Install the Windows 2000 GATE Production Kits for Windows 2000: **gater30_w2k.exe** and gater30_upd3.pl

c. Install the current Eurex 5.0 Production Kit plus Eurex 5.0 Production Update 2 for Windows 2000: **eurexr50.exe** and **eurexr50_upd2.pl**

5.2 Eurex 5.0 Production - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2 in the Eurex 5.0 production environment.

a. Install the Windows 2000 GATE Production Kit: **gater30_upd3.pl**

b. Install the Eurex 5.0 Production Update 2: **eurexr50_upd2.pl**.

c. Upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 011/2002.

5.3 @Eurex 5.0 Production - Scratch Installation of Windows 2000

Steps to be performed for the scratch installation of @Eurex Release 5.0 in the Production environment

a. Install Windows 2000, Service Pack 2, English Version on the MISS or Workstation as announced in circular 011/2002.

b. Install the @Eurex Release 5.0 Production Kit: atEurexr050_w2k.exe

5.4 @Eurex 5.0 Production - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, in the @Eurex Release 5.0 production environment.

a. Install the @Eurex Release 5.0 Production Kit: atEurexr050_w2k.exe.

b. Upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 011/2002.

6 Xetra 6.5 Simulation Environment

6.1 Xetra 6.5 Simulation - Scratch Installation of Windows 2000

Steps to be performed for the Scratch Installation of Xetra Release 6.5 in the simulation environment

a. Install Windows 2000, Service Pack 2, English Version on the MISS or Workstation as announced in circular 018/2002.

b. Install the GATE 3.0 Simulation Kits for Windows 2000: **gater30s_w2k.exe** and gater30s_upd4.pl

c. Install the Xetra Release 6.5 Simulation Kits for Windows 2000: **Xetrar65s_w2k.exe** and Xetrar65s_upd3.pl

6.2 Xetra 6.5 Simulation - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to Upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2 in the Xetra Release 6.5 simulation environment.

Prerequisites: Xetra Release 6.5 Simulation Update Kit 3 is installed.

a. Install the GATE 3.0 Simulation Update Kit for Windows 2000: **gater30s_upd4.pl**

b. Upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 018/2002.

c. No update of the Xetra Release 6.5 simulation software will be necessary.

6.3 @Xetra 6.5 Simulation - Scratch Installation of Windows 2000

Steps to be performed for the scratch installation of the @Xetra Release 6.5 in the simulation environment

a. Install Windows 2000, Service Pack 2, English Version on the MISS or Workstation as announced in circular 018/2002.

b. Install the @Xetra Release 6.5 Simulation Update Kit 3: install_XT65S_upd3.exe

6.4 @Xetra 6.5 Simulation - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, in the @Xetra Release 6.5 simulation environment.

Prerequisites: @Xetra Release 6.5 Simulation Update Kit 3 is installed.

a. Upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 018/2002.

b. No update of the @Xetra Release 6.5 simulation software will be necessary.

7 Xetra 6.5 Production Environment

7.1 Xetra 6.5 Production - Scratch Installation of Windows 2000

Steps to be performed for the Scratch Installation of Xetra Release 6.5 in the production environment:

a. Install Windows 2000, Service Pack 2, English Version on the MISS or Workstation as announced in circular 018/2002.

b. Install the GATE 3.0 Production Kits for Windows 2000: **gate30_w2k.exe** and gater30_upd3.pl

c. Install the Xetra Release 6.5 Production Kit for Windows 2000: **Xetrar65_w2k.exe** and Xetrar65_upd2.pl

7.2 Xetra 6.5 Production - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to Upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2 in the Xetra Release 6.5 production environment:

Prerequisites: Xetra Release 6.5 Production Update Kit 2 is installed.

a. Install the GATE 3.0 Production Update Kit for Windows 2000: **gater30_upd3.pl**

b. Upgrade Windows NT 4.0, Service Pack 5 to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 018/2002.

c. No update of the Xetra Release 6.5 production software will be necessary.

7.3 @Xetra 6.5 Production - Scratch Installation of Windows 2000 in

Steps to be performed for scratch installation of @Xetra Release 6.5 in the production environment

a. Install Windows 2000, Service Pack 2, English Version on the MISS or Workstations as announced in circular 018/2002.

b. Install the @Xetra Release 6.5 Production Update Kit 2: install_XT65_upd2.exe

7.4 @Xetra 6.5 Production - Upgrade from Windows NT 4.0 to Windows 2000

Steps to be performed to upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, in @Xetra Release 6.5 production environment.

Prerequisites: @Xetra Release 6.5 Production Update Kit 2 is installed.

a. Upgrade Windows NT 4.0, Service Pack 5, to Windows 2000, Service Pack 2, English Version for the MISS or Workstation as announced in circular 018/2002.

b. No update of the @Xetra Release 6.5 production software will be necessary.

8 Creating user groups and users for Xetra / Eurex

Xetra/Eurex requires that groups are created for both Administrators and Traders. Administrative users must belong to the following groups:

Xetra to the xetraft group

Eurex to the eurexft group.

In order to be able to trade, a user needs to be a member of the gategrp group on the MISS.

Before starting to use or verify the Xetra or Eurex Front End create now at least the following users:

For Xetra:

User group "xetraft”

User "xetratrd"

FTP user “xnetXX” for corresponding environment

For Eurex:

User group "eurexft”

User "eurextrd"

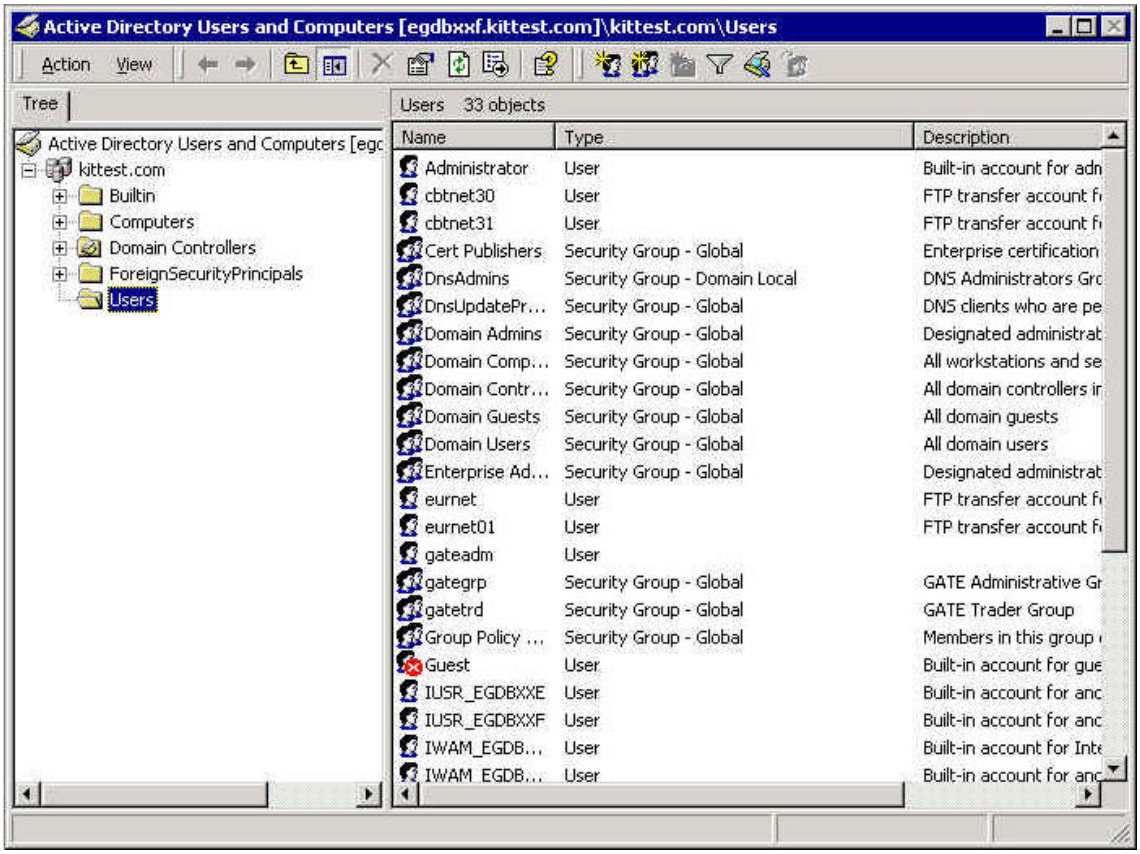
FTP user “eurnetXX” for corresponding environment (Production is simply “eurnet”)

8.1 Creating the "xetraft"/”eurexft” group

Please note that the following screenshots may differ according to the installation configuration, which you have chosen. The following section explains the creation of users and groups on a Domain Controller in “mixed mode” with Active Directory enabled. Please refer to the appropriate Microsoft Documentation on creating Users and Groups on a Standalone Server.



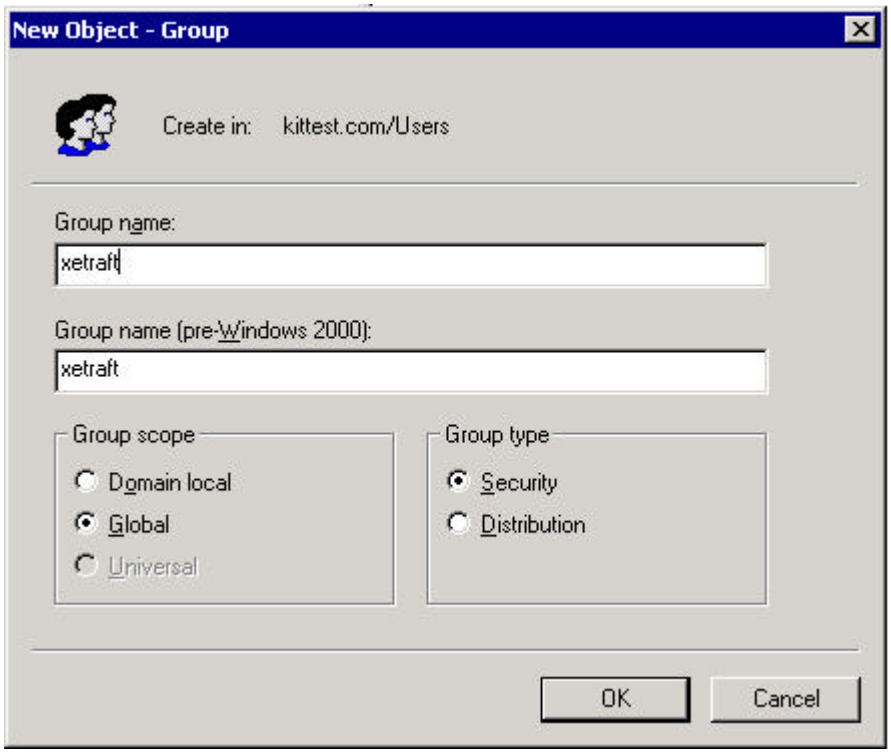
Click Start; Programs; Administrative Tools; Active Directory Users and Computers



Active Directory Users and Computers Window

8.1.1 Create new global group "xetraft" / “eurexft”

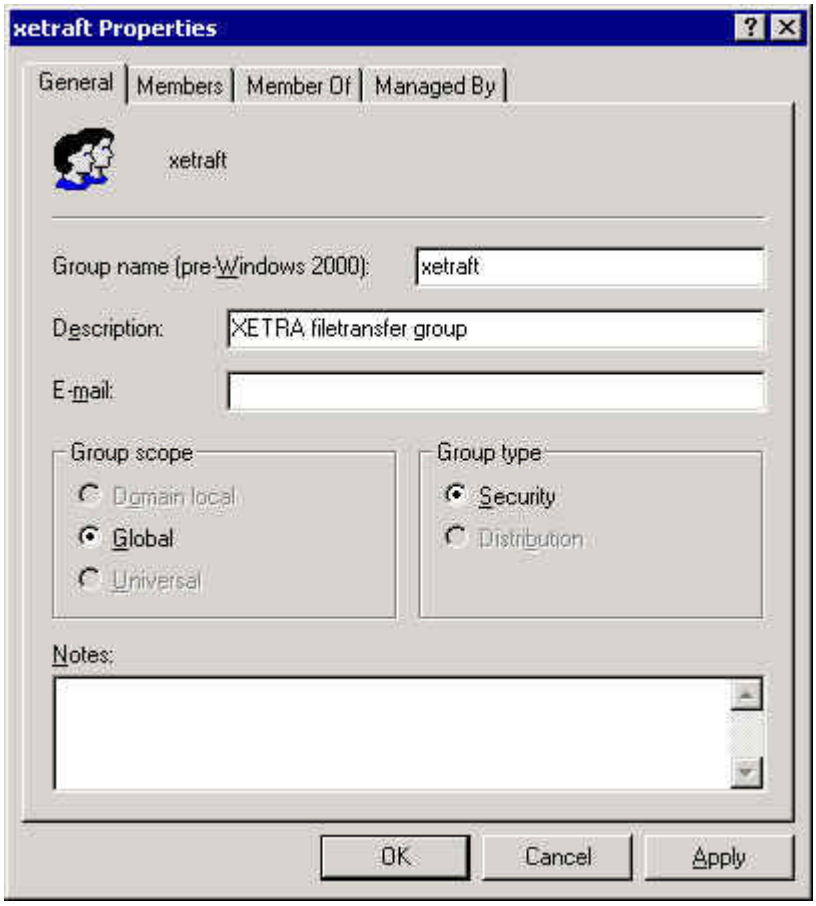
Click Menu Action; New; Group



Create New Global Group Window

1. Xetra: Type Group Name = xetraft / Eurex: Type Group Name = eurexft
2. Click OK

Right mouseclick on the newly created group in Active Directory Users and Computers window and choose Properties from the pop-up window



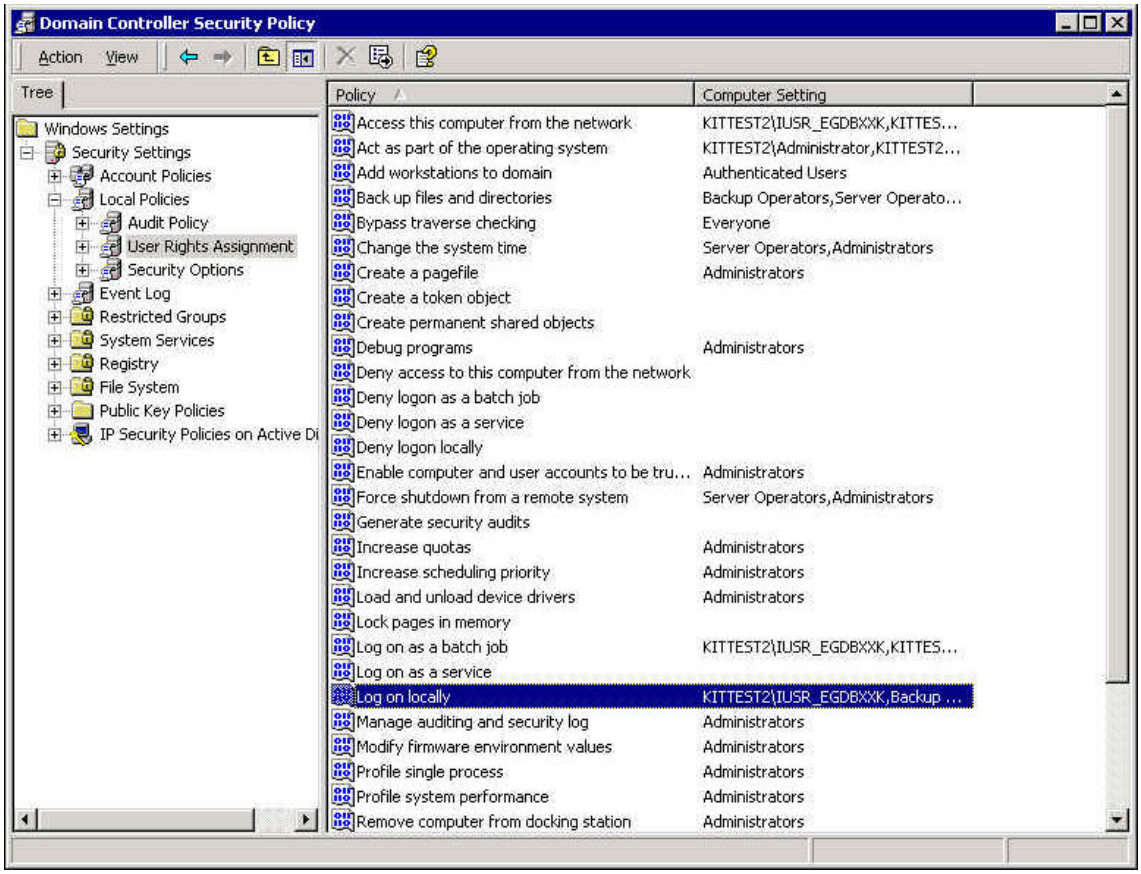
Properties window for xetraft/eurexft group

1. Xetra: Type Description = XETRA filetransfer group / Eurex: Type Description = Eurex filetransfer group
2. Click OK

8.1.2 Set rights for group “xetraft” / “eurexft”

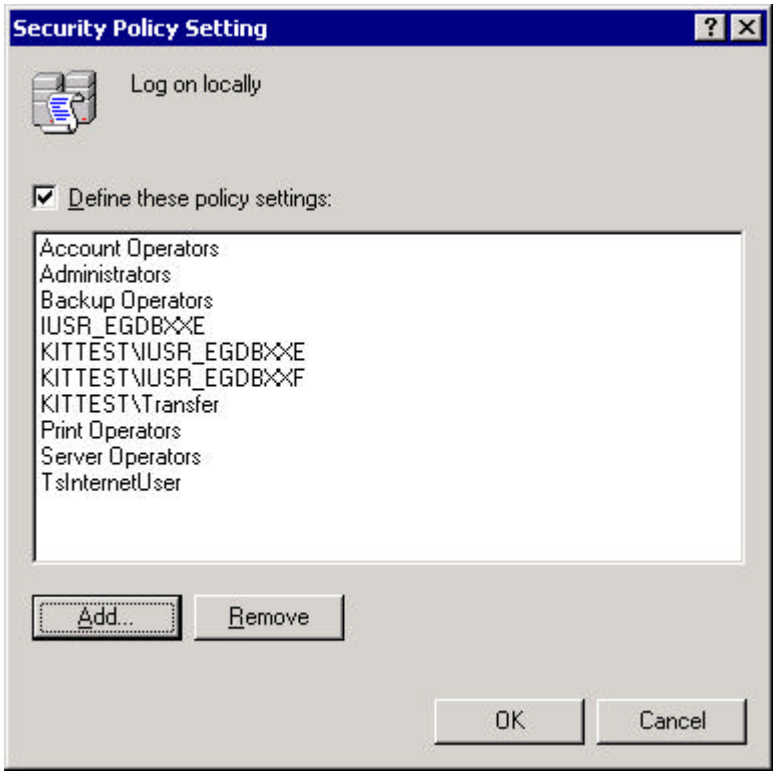
Click Start; Programs; Administrative Tools; Domain Controller Security Policy

Click Security Settings; Local Policies; User Rights Assignment



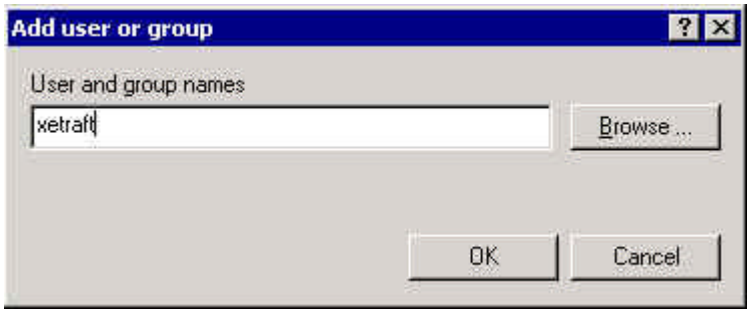
Domain Controller Security Policy

1. Double Click "Log on Locally" in the right panel to open Security Policy Setting window



Security Policy Setting window

2. Click Add to open the Add user or group window



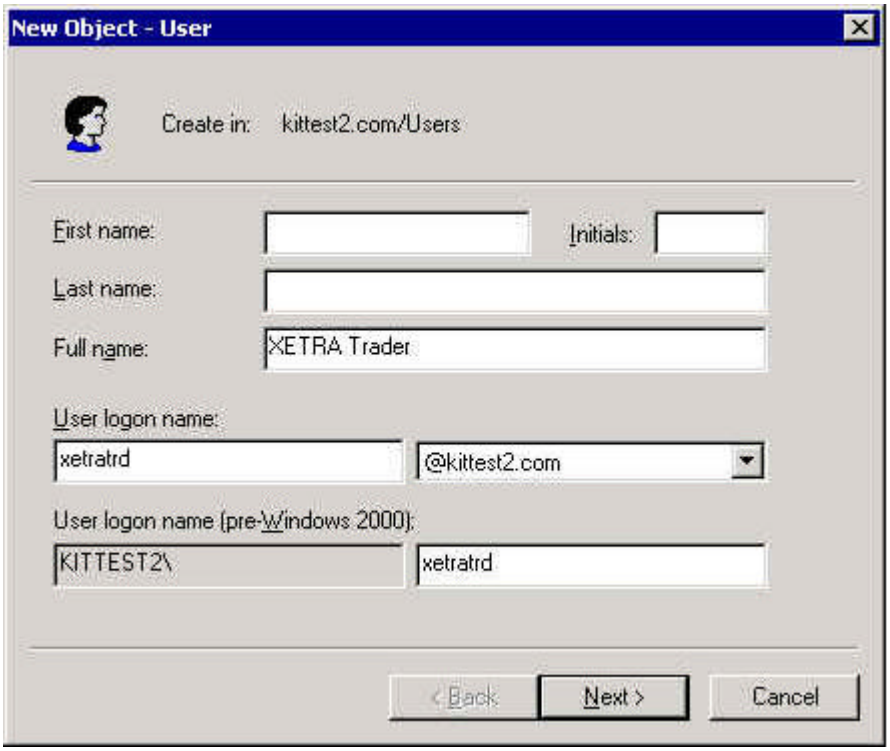
Add user or group window

1. Xetra: Type User and group names = xetraft / Eurex: Type User and group names = eurexft
2. Click OK

8.2 Creating the xetratrd / eurextrd user

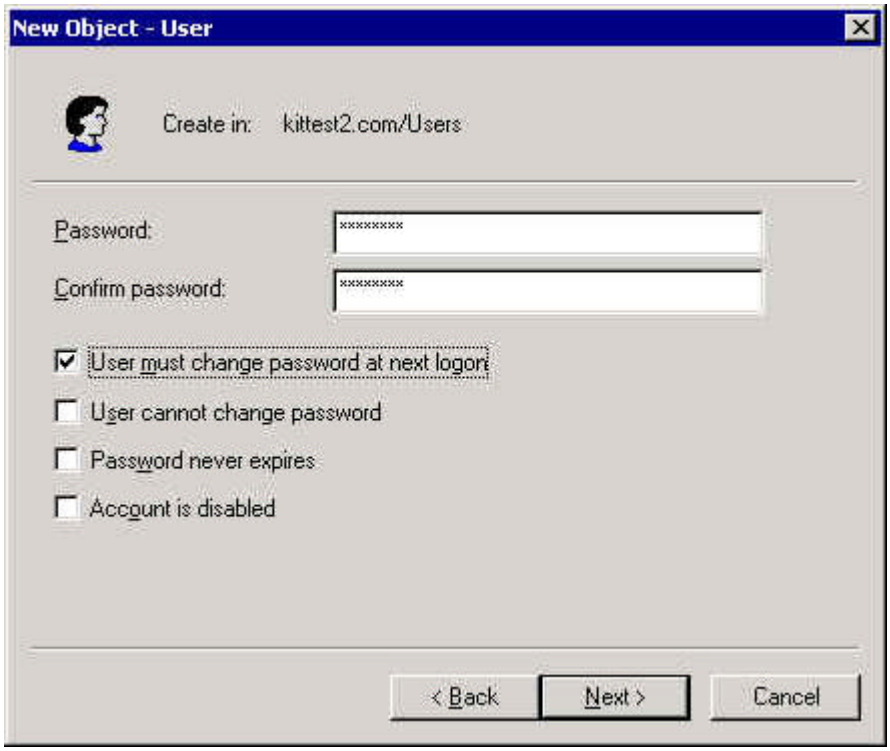
On the Active Directory Users and Computers window:

Click Action menu; New; User



New Object Window 1

1. Xetra: Type Full name = XETRA Trader / Eurex: Type Full name = EUREX Trader
2. Xetra: Type User logon name = xetratrd / Eurex: Type User logon name = eurextrd
3. Click Next



New Object window 2

4. Type Password
5. Retype Password to confirm
6. Click User must change password at next logon
7. Click Next
8. Click Finish



In the Active Directory Users and Computers window:

1. Xetra: [RIGHT] Click on the newly created user "**XETRA trader**" / Eurex: [RIGHT] Click on the newly created user "EUREX trader"
2. From the pop-up list click on **Add members to a group…** (Select Group window will appear)

In the Select Group window:

3. Highlight **gatetrd** by clicking on it once
4. Click OK

In an information window "The Add to Group operation was successfully completed" message will be displayed



Important!

The gatetrd group has already been created during GATE installation.

User names and passwords must be a minimum of 5 characters in length; otherwise the login to Xetra/Eurex is not possible.

8.3 Creating the xnetXX / eurnetXX user

In general the following xnetXX/eurnetXX users accounts must be set:

Xetra:

xnet51	= Xetra Frankfurt Production environment
xnet52	= Xetra Frankfurt Simulation environment
xnet68	= Xetra Vienna Production environment
xnet69	= Xetra Vienna Simulation environment

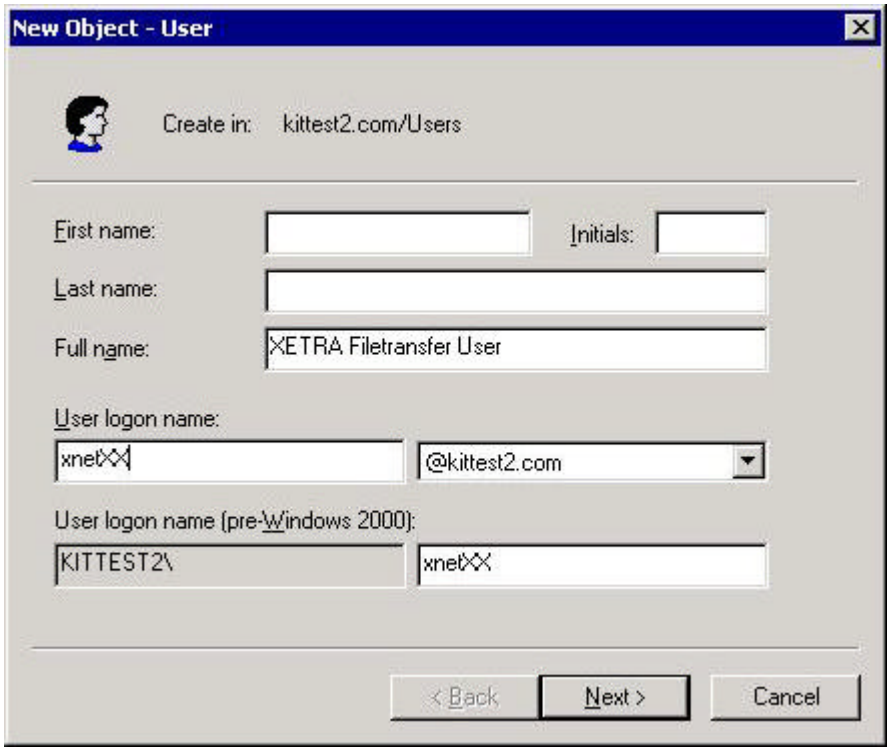
Eurex:

eurnet	= Eurex Production environment
eurnet01	= Eurex Simulation environment



On the Active Directory Users and Computers window:

Click Action menu; New; User

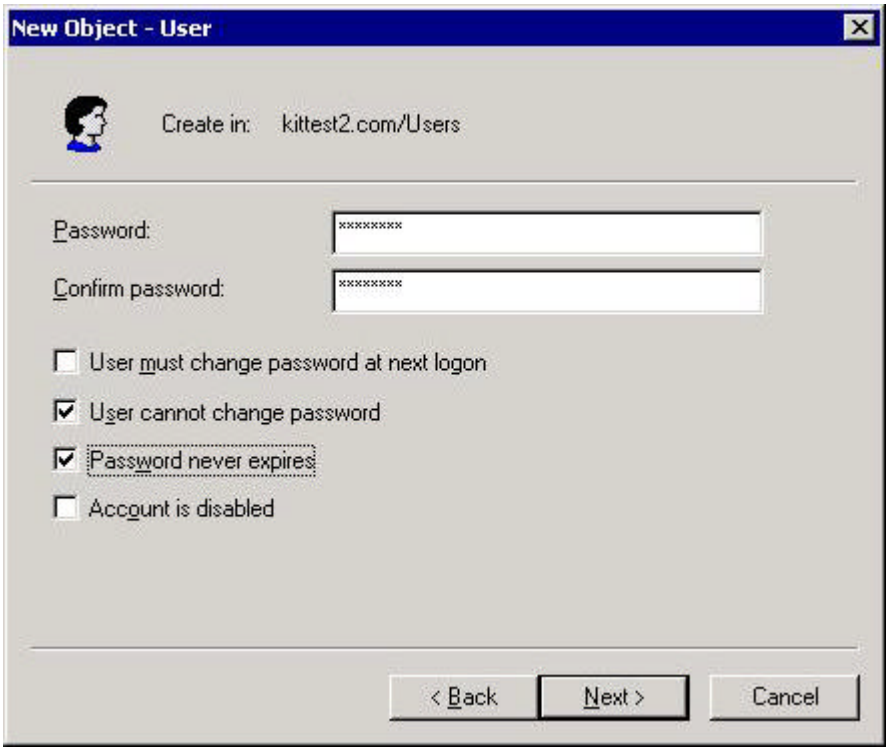


New Object window 1

1. Xetra: Type Full name = XETRA Filetransfer User / Eurex: Type Full name = EUREX Filetransfer User
2. Xetra: Type User logon name = xnetXX / Eurex: Type User logon name = eurnetXX

(case sensitive)

3. Click Next



New Object window 2

1. Type Password ***(case sensitive - supplied by exchange)***
2. Retype Password to confirm
3. Click **User Cannot Change Password**
4. Click **Password Never Expires**
5. Click Next
6. Click Finish

Important!

User names and passwords must be a minimum of 5 characters in length; otherwise the login to GATE is not possible.



In the Active Directory Users and Computers window:

1. Xetra: Rightmouseclick on the newly created user "**XETRA filetransfer user**" / Eurex: Rightmouseclick on the newly created user "**EUREX filetransfer user**"
2. From the pop-up list click on **Add members to a group…** (Select Group window will appear)

In the Select Group window:

3. Xetra: Highlight **xetraft** by clicking on it once / Eurex: Highlight **eurexft** by clicking on it once
4. Click OK

In an information window "The Add to Group operation was successfully completed" message will be displayed



Important!

The gateadm user is created in the GATE part of the installation and must be a member of the xetraft/eurexft and Administrators Group.

User names and passwords must be a minimum of 5 characters in length otherwise the login to Xetra is not possible.

9 Windows 2000 configuration issues

9.1 User Policies

Windows 2000 uses a more complex 3 stage Security Policy Concept (Local Security Policy, Domain Security Policy and Domain Controller Security Policy). It is not sufficient to set the “act as part of the operating System” for gateadm and the “log on locally” for the FTP accounts at the Local Security Policy level. These privileges must be set at the highest security level otherwise they may be overridden by the Domain / Domain Controller Settings.

9.2 Assure that LANA 0 is mapped to 1st Network interface card

In opposition to Windows NT, Windows 2000 does not necessarily map “LANA 0” to the 1st Network interface card. This may be the case if more than one network interface card is installed or if other network protocols than TCP/IP will be used. In this case it will not be possible to start the architecture and the following error message occurs:

OsaUtlGetHostID: Not supported on this NT machine.

In this case the tool “lanacfg.exe” has to be installed to map “LANA 0” to the 1st Network interface
card.

9.3 Usage of Microsoft tool lanacfg.exe

9.3.1 Enable Netbios over TCP/IP (see e.g.: Q258832)

Enable NetBIOS over TCP/IP on the workstation:

1. Click Start, point to Settings, and then click Network and Dial-up Connection.
2. Right-click Local Area Connection, and then click Properties.
3. Click Internet Protocol (TCP/IP), and then click Properties.
4. Click Advanced, and then click the WINS tab.

Click Enable NetBIOS over TCP/IP.

9.3.2 Download and install the lanacfg tool (see e.g.: Q265861)

Run the Lana_Configuration_Tool.exe program to install the Lanacfg.exe tool. To download this tool, perform the following steps:

a. Go to the following Microsoft Web site:

   http://corporate.windowsupdate.microsoft.com

b. Click the **Product Update** link, and then click **Continue.**

c. Click **Windows 2000** in the **Operating Systems** section, and then click **Continue.**

d. In the **Specific Search Item** box, type **Lana Configuration Tool,** and then click **Continue.** Follow the instructions to complete the download.

9.3.3 Use the lanacfg tool:

Description:

The Lana Configuration Tool is a command-line tool used to view and change the lana mappings on your computer. This functionality was removed from the user interface in Windows 2000, but can be added back with this tool. You only need this tool if you have a specific reason for modifying the lana mappings, or you have a legacy network application whose lana mappings must be modified to function correctly.

The available options in the Lanacfg.exe tool are:

H:\>lanacfg

Network Configuration Diagnostic

View, manipulate, or test network configuration.

lanacfg [options]

showlanapaths - Show bind paths and component descriptions for each exported lana

setlananumber - Change the LANA number of a bind path

rewritelanainfo - Verify and write out LANA information to the registry

showlanadiag - Show LANA diagnostic information

This is a sample output for a list of LANA numbers:

H:\>lanacfg showlanapaths

Lana: 4

-->NetBEUI Protocol-->3Com 3C918 Integrated Fast Ethernet Controller (3C905B-TX Compatible)

Lana: 0

-->NetBEUI Protocol-->Intel 8255x-based PCI Ethernet Adapter (10/100)

Lana: 8

-->NetBEUI Protocol-->WAN Miniport (NetBEUI, Dial Out)

Lana: 5

-->WINS Client(TCP/IP) Protocol-->Internet Protocol (TCP/IP)-->3Com 3C918 Integrated Fast Ethernet Controller (3C905B-TX Compatible)

Lana: 1

-->WINS Client(TCP/IP) Protocol-->Internet Protocol (TCP/IP)-->Intel 8255x-based PCI Ethernet Adapter (10/100)

This is a sample output for changing a LANA number:

H:\>lanacfg setlananumber 1 2

Lana changed.