XETRA Circular 144/04

Deutsche Börse

To the Xetra® Members and Vendors

Recipients: General, Traders, Technical Contacts,
Project Coordinators,
System Administrators – all platforms

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Xetra Release 7.1 October 5, 2004
Information for the Distribution of Front End Software

Dear Sir or Madam,

In connection with the start of the Xetra Release 7.1 simulation on October 18, 2004, you will receive the new front end software via software kit distribution on October 8, 2004, after the close of trading. The transmission will take place via file transfer (FTP) over the Xetra network to your report nodes.

The software for @Xetra trading members will be distributed at the same time via the recently introduced Web Start technology.

Xetra Release 7.1 is a mandatory release and not compatible with previous versions. This means that you must install the latest version of the Xetra software in order to participate in the simulation as from October 18, 2004.

Distribution of Front End Software via Software Kit

The software kits will be delivered via file transfer (FTP) over the Xetra network to the simulation-specific environment of each participant.

In addition to the Xetra Release 7.1 simulation kit, we will distribute the GATE 3.3 simulation kit. Please note that prior to installing the Xetra Release 7.1 software, installation of or upgrade to GATE 3.3 is mandatory.

Please consider that installation of the current GATE version (GATE 3.2) is a precondition in order to install GATE 3.3 successfully. If you have not yet installed GATE 3.2, you will find a current version under the internet path stated on page 2. Upgrading to GATE 3.3 from an older GATE version than GATE 3.2 is not possible.

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In addition, please be aware that if you change to GATE 3.3, all MISSes and workstations have to be updated similarly. Members with multi-market installations already received GATE 3.3 with the simulation rollout of Eurex® Release 7.0 in September 2004. Renewed installation of GATE 3.3 is not necessary.

The target transfer directories are:

SUN: **/opt/gate/transferdir/release52**

Windows: **<ftp-root directory<\release52.**

Each member will receive both Windows and SUN kits.

For details regarding installation, please refer to

- the “Installation Notes (readme file)“ for Xetra Release 7.1 and GATE 3.3, which will be sent together with the kits
- the documents “Xetra Release 7.1 Front End Installation Guide“ and “Front End Installation Guide GATE 3.3”, which have been sent to you with a separate circular.

Members using the SUN Solaris operating system with the current patch 110934-20, please follow the information attached to this circular for installation.

To ensure a smooth distribution of the kits, please note the following points:

- at least 70 MB disk space must be available in the transfer directory on each of your simulation MISSes
- make sure that the MISSes of your Xetra simulation environment are connected to the Xetra system without interruption from the evening of October 8, 2004 until the morning of October 13, 2004 to enable the file transfer
- the necessary read and write permissions for files and folders have to be set correctly.

Deutsche Börse AG will monitor the successful distribution of the kits. In case of any transfer problems, another transfer for the next day will be initiated. In addition, the software will be posted on the website of Deutsche Börse for downloading on October 8, 2004 under the following path:

www.deutsche-boerse.com > Trading & Clearing > Trading Members > Members Only > Xetra > Xetra Software.

Installation of the kits is scheduled for the week from October 11, 2004, until October 15, 2004. During this time, the Xetra Technical Helpdesk provides support for the installation and connection, as usual.

@Xetra Software Distribution via Web Start

As announced previously to the @Xetra members, the software distribution and installation will be significantly simplified as of the introduction of Xetra Release 7.1. When logging in to the Deutsche Börse server, your system checks the existing @Xetra installation and automatically installs the existing updates, where necessary.

The Deutsche Börse server for the Xetra Release 7.1 simulation will be available for the first time on the evening of October 8, 2004. This means that from the morning of October 11, 2004, members will be able to install the new front end software automatically when logging in under "http://atxetra.deutsche-boerse.com/xetra/simu/". As of the simulation start on October 18, 2004, connecting to the back end will be possible.

For details regarding the installation details, please refer to

- the "@Xetra Installation and Operations Guide" of September 10, 2004.

Should you have any further questions or need additional information please do not hesitate to contact the Customer Support Team at

Telephone +49-69-211-1 16 40
Fax +49-69-211-1 16 41.

For technical questions please contact the Xetra Technical Helpdesk at

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Yours faithfully

Jens Hachmeister Axel Birk

Enclosure

The application of the Solaris 8 patch 110934-20 to either a MISS or a Workstation will cause the installation of **ALL** GATE and Xervice Release Kits for Solaris, either as a scratch installation or as an upgrade to an existing installation, to fail. The screen output and the installation log files will show a series of error messages similar to the following:

> chmod: WARNING: can't change
> /var/tmp/dstreAAAObaG7Z/GateR33/install/check_depend
>
> /var/tmp/dstreAAAObaG7Z/GateR33S/install/request: check_depend: execute
> permission denied

Currently there are two workarounds available which will enable the GATE and Xervice Release Kits for Solaris to be installed.

Workaround #1:

The individual patch 110934-20 can be removed prior to the installation of the GATE and Xervice Release Kits for Solaris and reapplied once the installation has been completed. To remove the patch, the following steps should be performed:

1. Login as user "root"
2. Execute the command: # **patchrm 110934-20**
3. Reboot the machine
4. Install GATE and the required Xervices according to the appropriate installation guides
5. Reapply the patch using the command: # **patchadd** *patch-home-dir/***110934-20**

Please note, if you reapply the patch you will have to repeat the above steps the next time a scratch installation or upgrade is required.

Workaround #2:

Please note that for this workaround it is not necessary to remove the patch 110934-20 described above

The installation of the GATE and Xervice Release Kits for Solaris can also be performed by either adding the user account "install" or modifying the account if it already exists. To check whether the account already exists the following steps should be performed:

1. Login as user "root"
2. Execute the command: **# logins** (to list all accounts known to the system)
3. Check for existence of the account "install" in the output

If the "install" account **does not** exist the following steps should be performed:

1. Execute the command: "**# useradd -o -u 0 install**"
2. Install GATE and the required Xervices according to the appropriate installation guides
3. Remove the account "install" (if required) using the command: # **userdel install**

If the user "install" **exists** the following steps should be performed:

1. From the output of the "# logins" command make a note of the uid of the account "install" (listed in the second column)
2. If the uid for the "install" account is not 0 it must be changed to 0: execute the command "# **usermod -o -u 0 install**"
3. Install GATE and the required Xervices according to the appropriate installation guides.
4. To reset the uid of the account “install” to its previous version (if required) execute the command # **usermod -o -u <orginal uid of install account> install**