XETRA Circular 164/04

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 November 22, 2004
First Trading Day on December 6, 2004

Dear Sir or Madam,

In preparation of the upcoming production start of Xetra Release 7.1 on December 6, 2004, we are writing to inform you about the following necessary activities prior to and during the release introduction:

- Distribution of the front end software
- Installation of the Xetra Release 7.1 and GATE 3.3 production kits
- Time schedule prior to the release start
- Fallback procedure.

Please forward this circular to the responsible departments in your company.

Distribution of Front End Software via Software Kit

For the production start of Xetra Release 7.1 on December 6, 2004, the software kits for Xetra Release 7.1 will be sent out on the **evening of Friday, November 26, 2004**. In addition, we will distribute the GATE 3.3 production kit.

The update kit distribution will take place via file transfer (FTP) over the Xetra network to your report nodes. Xetra Release 7.1 is a mandatory release and not backwards compatible. This means that you must install the latest version of the Xetra software in order to participate in the Xetra Release 7.1 production.

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The target transfer directories are:

SUN: **/opt/gate/transferdir/release51**

Windows: **<ftp-root directory>\release51**

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“ (Xetra Circular 135/04) and “Front End Installation Guide GATE 3.3” (Xetra Circular 140/04).

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 update kits, please note the following points:

- at least 90 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 November 26, 2004 until the morning of December 1, 2004 to enable the file transfer
- the necessary read and write permissions for the transfer directory have to be set correctly.

Deutsche Börse AG will monitor the successful distribution of the update 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 November 26, 2004 under the following path:

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

@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 production front end software on the Deutsche Börse server will be available in the morning of December 4, 2004. This means that from this day, 2.00 p.m. CET, @Xetra members will be able to install the software automatically when logging in under "http://atxetra.deutsche-boerse.com /xetra/prod/" and to make a connection test from 3.00 p.m. CET.

Please note that the download of the software will take up to 20 minutes, depending on the bandwidth of the internet connection. Therefore, installing the software on Saturday, December 4, 2004 is highly recommended.

For further details regarding the installation of @Xetra software, please refer to

- the "@Xetra Installation and Operations Guide" from September 10, 2004 (Xetra Circular 125/04).

Installation of the Xetra Release 7.1 and GATE 3.3 production kits

To ensure a smooth release start, we would ask you to consider and perform the following activities in due time:

- Installation of the Xetra Release 7.1 and GATE 3.3 production software is mandatory for all Members, since from December 6, 2004, trading on Xetra will be possible exclusively with Xetra Release 7.1.
- The last trading day of Xetra Release 7.0 will close on Friday, December 3, 2004, at around 8:30 p.m. CET, after the post-trading period. Installation of Xetra Release 7.1 and GATE 3.3 production kits must not be performed before the end of the batch run and the dispatch of reports on the last trading day.
- Please consider that **the installation of the current GATE version (GATE 3.2) is a precondition in order to upgrade to GATE 3.3 successfully**. If you have not yet installed GATE 3.2, we recommend installing GATE 3.2 at an early stage. You will find a current version on the website of Deutsche Börse stated on page 2 of this circular. Upgrading to GATE 3.3 from an older GATE version than GATE 3.2 is not possible.
- In addition, please be aware that if you change to GATE 3.3, all MISSes and workstations have to be updated similarly. Installation of GATE 3.3 prior to the installation of the Xetra Release 7.1 production kit is mandatory. Members with multi-market installations already received GATE 3.3 with the simulation rollout of Eurex® Release 7.0 in October 2004. Renewed installation of GATE 3.3 is not necessary.

Please refer to the "Front End Installation Guide Xetra Release 7.1" and/or the "Front End Installation Guide GATE 3.3", for detailed information. Make yourself familiar with all installation procedures in good time, and allow enough time for the installations.

To those Members, who intend to carry out an operating system upgrade together with the installation of the production software, we strongly recommend performing a “full backup” of the installed release software including the operating system prior to the installation. This allows a quick migration back to the previous status, should an emergency occur.

Time schedule prior to the release start

Saturday, December 4, 2004 – connectivity test

The installation of the production kit should be performed on Saturday, December 4, 2004. The Xetra Backend will be available on Saturday afternoon between 3:00 p.m. and 6:00 p.m. CET for the connectivity test. To avoid any risks or delays in Xetra processing on the first production day, we highly recommend using this period for connecting purposes.

The Technical Helpdesk Xetra will be available to answer your questions regarding connectivity testing at

telephone: +49-69-21 01-84 00
fax: +49-69-21 01-84 01.

Monday, December 6, 2004 – production start

On Monday, December 6, 2004, the Xetra Backend will be started at 2:00 a.m. CET. The trading day with Xetra Release 7.1 will start on Monday, December 6, 2004, at 7:30 a.m. CET, as usual. Trading parameters will not be modified at the production start of Xetra Release 7.1.

Orders, which are entered but not executed until December 3, 2004, will be maintained until December 6, 2004, unless other validity restrictions were set.

Access to historical trades in the Back Office Information Window is not possible, due to the release introduction. Historical Xetra Release 7.0 reports have to be requested at the Technical Helpdesk Xetra.

Fallback Procedure

In the event of trading not being possible with Xetra Release 7.1 after its introduction on December 6, 2004, preparations have been made to continue electronic trading with Xetra Release 7.0. Should such fallback become necessary intra-day on December 6, 2004, we will inform your designated emergency contacts and provide further information.

For this purpose, please ensure that your emergency contacts will be available on Monday, December 6, 2004 between 7:00 a.m. and 8:30 p.m. CET. Please also make sure that your emergency contacts will be available on Saturday, December 4, 2004 between 3:00 p.m. and 7:30 p.m. CET and, if necessary, on Sunday, December 5, 2002 between 9:00 a.m. and 2:30 p.m. CET, in case a fallback will become necessary already during the connection week-end. The relevant Member impact in the event of a fallback is described below:

- The Members will be able to switch back to Xetra Release 7.0, without installing additional software. The necessary activities are described in detail in the Installation Notes, which will be distributed together with the Xetra Release 7.1 production kit. The same information can also be found in the “Front End Installation Guide Xetra Release 7.1” document. No activity needs to be performed if the Xetra Release 7.1 production kit was not yet installed.

- Members, who performed an operating system upgrade together with the installation of Xetra Release 7.1, are requested to install their “full backup”.

- The settings of the last trading day (December 3, 2004) of the Xetra Release 7.0 production will be restored. Therefore, modifications performed by Members in Xetra Release 7.1 production regarding, for example, access authorizations or the definition of window settings, have to be re-entered after the re-opening of Xetra Release 7.0.

- Trades already generated in Xetra Release 7.1 will be transmitted to XONTRO Trade. Due to a necessary fallback, such trades are not included in the Xetra standard and raw data reports, but will only be reported in the XONTRO Trade contract notes. No fees will be charged for such trades.

- Orders and stop orders, which are not executed before the termination of the Xetra Release 7.1 production, as well as non-confirmed OTC trades have to be re-entered.

- For @Xetra members we recommend to keep the latest version of @Xetra Release 7.0 front end kit installed on their workstation and to uninstall it only after a successful release introduction. In case of a necessary fallback, this version can be used again. If you have already uninstalled the @Xetra Release 7.0 front end kit, you can download the corresponding software on the website of Deutsche Börse under the following path www.deutsche-boerse.com > Trading & Clearing > Members Only > Xetra/Floor > @Xetra Software.

Important information relevant for trading will be available on the Xetra Newsboard.

Should you have any further questions or need additional information regarding the production start, 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

Telephone +49-69-211-1 84 00
Fax +49-69-211-1 84 01.

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**