Xetra Circular 068/07

To all Xetra® Members and Vendors

Recipients: Technical Contacts, Traders, Project Coordinators, System Administrators, Security Administrators

April 5, 2007

Xetra Release 8.0:
Production Introduction, Member Production Launch Activities

Dear Sir or Madam,

In preparation of the production start of Xetra Release 8.0 on April 23, 2007, we would like to inform you about the following processes and necessary activities prior to and during the release introduction:

1) Distribution of Xetra Release 8.0 and GATE 3.5 front end software kits
2) Installation of the Xetra Release 8.0 and GATE 3.5 production kits
3) @Xetra Release 8.0 production software distribution via Java Web Start
4) Time schedule prior to the Xetra Release 8.0 introduction
5) Fallback procedure for Xetra Release 8.0 production launch
6) Un-subscribing of broadcast sub-streams not required by the member
7) Enabling the Heartbeat feature (e.g. for Designated Sponsors)
8) Xetra 8.0 Readiness Statement

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

1) Distribution of Xetra Release 8.0 and GATE 3.5 front-end software kits

The Xetra Release 8.0 production software kits will be sent out on the **evening of Friday, April 13, 2007**. In addition and for completeness (of scratch installations), the GATE 3.5 production basis kit and the GATE 3.5 production update kit 1 will be distributed to all members.

The Xetra Release 8.0 and GATE 3.5 production software kits distribution will take place via file transfer (FTP) over the Xetra network to the members report nodes.

Management Board

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Xetra Release 8.0 is a mandatory release and not backwards compatible. Therefore members have to install the latest version of the Xetra and GATE software in order to participate in the Xetra Release 8.0 production.

With the introduction of Xetra Release 8.0, **new USIM files** for all Windows and SUN Solaris MISSes will be required. On Saturday April 21, 2007 Xetra will begin to distribute the new USIM files per FTP from 12.00 CEST onwards in preparation of the mandatory connection test.

To guarantee transmission of the new USIM files and to ensure timely participation in the connection test, please make sure that all production MISSes are connected to the Xetra network on April 21, 2007 from 12.00 CEST onwards.

To check whether you have received the new USIM files, please refer to the following transfer directories:

SUN Solaris (MISS): **/opt/gate/transferdir/release51**
Windows 2000 (MISS): **<ftp-root directory>\release51**

Please contact the Xetra Technical Helpdesk if you have not received the new USIM files. During the "Start-of-Day" procedure the USIM file will automatically be copied into the appropriate platform and exchange dependant directory.

Distribution details:
On **April 13, 2007**, after close of trading, the new Xetra Release 8.0 and GATE 3.5 production front-end software will be distributed. Transmission will take place via file transfer (FTP) over the Xetra network to members report nodes.

For trading members using @Xetra, the Xetra Release 8.0 production software will be available via the Java Web Start as of **April 21, 2007** (2.00 p.m. CEST).

The target transfer directories on the Xetra Release 8.0 production MISSes are:

SUN Solaris 10: **/opt/gate/transferdir/release51**
Windows Server 2003: **<ftp-root directory>\release51**

In total, each member will receive two Xetra Release 8.0 production kits and four GATE 3.5 production kits (basis version and update 1), i.e. three separate kits for SUN Solaris 10 and three kits for Windows Server 2003 (MISS)/Windows XP (workstation).

To ensure a smooth kit distribution, please note the following:

- At least **120 MB** disk space has to be available in the transfer directory on each of the member production MISSes,
- Make sure that the MISSes of the member Xetra production environment are connected to the Xetra production back-end system without interruption from Friday evening, **April 13, 2007** until Tuesday morning, **April 17, 2007** to enable the file transfer,
- Check that the necessary read and write permissions for files and folders are set correctly on the member production MISSes.

Deutsche Börse AG will monitor the successful distribution of the Xetra Release 8.0 and GATE 3.5 production software kits. In case of any transfer problems, a new transfer job for the next day will be initiated automatically. In addition, the software will be posted on the website of Deutsche Börse Group www.deutsche-boerse.com for downloading on April 13, 2007 under the following path:

Trading & Clearing > Members Only > Xetra/Floor > Xetra Software > Xetra 8.0

2) Installation of the Xetra Release 8.0 and GATE 3.5 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 8.0 and GATE 3.5 (including update kit 1) production software is mandatory for all members, since from April 23, 2007 onwards, trading on Xetra will be possible exclusively with Xetra Release 8.0.
- The last trading day of Xetra Release 7.1 will close on Friday, April 20, 2007 at around 8.30 p.m. CEST (Central European Summer Time), after the post-trading period. Installation of Xetra Release 8.0 and GATE 3.5 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 **installation of the GATE 3.5 basis version is a pre-condition in order to upgrade to GATE 3.5 update 1 successfully**. If you have not yet installed GATE 3.5 in Xetra production, we recommend installing GATE 3.5 basis version and followed by update 1 immediately. Upgrading to GATE 3.5 from an older GATE version than GATE 3.4 is not possible. You will find previous GATE versions on the website of Deutsche Börse under the path stated above.

In addition, please be aware that if you change to GATE 3.5, all MISSes and workstations have to be updated similarly. Installation of GATE 3.5 prior to the installation of the Xetra Release 8.0 production kit is mandatory.

For details please refer to the “Front End Installation Guide Xetra Release 8.0” (including GATE 3.5 installation, published in Xetra Circular 15/07). Members

should become familiar with all installation procedures in good time, and allow enough time for the installations. For specific information, please also refer to:

- "Installation Notes (readme file)" for Xetra Release 8.0 production kit,
- "Installation Notes (readme file)" for GATE 3.5 production (basis) kit and GATE 3.5 production update kit 1 respectively.

For 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 software release (Xetra Release 7.1) including the operating system prior to the installation. This allows a quick rollback to the previous version in case of an emergency.

3) @Xetra Release 8.0 Production Software Distribution via Java Web Start

All Xetra Release 8.0 production front-end software components for @Xetra customers are distributed by the Web Start servers managed by Deutsche Börse Systems AG. @Xetra members will be able to install the software automatically when logging in under http://atxetra.deutsche-boerse.com/xetra/prod/ and perform a connection test from 2.00 p.m. CEST onwards on April 21, 2007.

Please note that the download of the @Xetra software will take up to 20 minutes, depending on the bandwidth of the internet connection. Therefore, installing the software on Saturday, April 21, 2007 is highly recommended. @Xetra members will be able to connect to the Xetra production back-end on **April 21, 2007.**

For the @Xetra Release 8.0 it is mandatory to install Java version **jre 1.5.0_09**. Furthermore, it is crucial to

- purge the Java Cache and the Browser Cache
- delete the Desktop Icons

after Friday, April 20, 2007 (end of trading) and before the Xetra Release 8.0 connection test starts on April 21, 2007 at 2.00 p.m. CEST. For a detailed description of this procedure you may refer to the "@Xetra Installation Guide".

4) Time schedule prior to the Xetra Release 8.0 start

Saturday, April 21, 2007 – connectivity test

Installation of the Xetra Release 8.0 and GATE 3.5 production kits should be performed on Saturday, April 21, 2007. The Xetra and Eurex (for MultiMarket MISSes) back ends will be available on Saturday afternoon between 2.00 p.m. and 5.00 p.m. CEST for the connectivity test. To avoid any risks or delays in connectivity to Xetra on the first production day, April 23, 2007, we highly recommend that you use this period for connectivity testing.

We kindly ask you to provide us with the contact details of the person which is responsible for the connection test using the attached fax reply form.

The connection test can be regarded as successful when the Xetra message "**Xetra Release 8.0***"* appears on the **Market Supervision Messages** window. Please make sure that an appropriate member of staff is available to perform the login to the Xetra® trading system (e.g., a Xetra trader).

The Xetra Technical Helpdesk will be available to answer your questions regarding connectivity testing (on April 21, 2007, 2.00 p.m. to 5.00 p.m. CEST) under

telephone: +49-(0) 69-2 11-1 84 00
fax: +49-(0) 69-2 11-1 84 01
e-mail: xetra-help@deutsche-boerse.com.

Monday, April 23, 2007 – production start

On Monday, April 23, 2007, the Xetra backend will be started at 2.00 a.m. CEST. The trading day with Xetra Release 8.0 will start at 7.30 a.m. CEST, as usual. Trading parameters will not be modified at the production start of Xetra Release 8.0.

Orders which are entered but not executed until April 20, 2007 (end of trading), will be available again on April 23, 2007, unless other validity restrictions were set.

Access to historical trades in the Back Office Information Window will not be possible due to the introduction of the new release. Historical Xetra Release 7.1 reports have to be requested at the Xetra Technical Helpdesk.

5) Fallback Procedures for Xetra Release 8.0 Production Launch

In the event of trading not being possible with Xetra Release 8.0 after its introduction on April 23, 2007, preparations have been made to continue electronic trading with Xetra Release 7.1. Should such a fallback become necessary intraday on April 23, 2007, Deutsche Börse will inform designated emergency contacts and provide further information.

For this purpose, please ensure that your emergency contacts will be available on Monday, April 23, 2007 between 7.00 a.m. and 8.30 p.m. CEST. Please also make sure that your emergency contacts will be available on Saturday, April 21, 2007 between 2.00 p.m. and 7.30 p.m. CEST and, if necessary, on Sunday, April 22, 2007 between 9.00 a.m. and 2.30 p.m. CEST, in case a fallback will become necessary during the connection test weekend. The relevant member impact in the event of a fallback is described below:

- The Members will be able to switch back to Xetra Release 7.1 without installing additional software. The necessary activities are described in detail in the Installation Notes, which will be distributed together with the Xetra Release 8.0 production kit. The same information can also be found in the "Front End Installation Guide Xetra Release 8.0" document. No activity needs to be performed if the Xetra Release 8.0 production kit was not yet installed.

- Members, who performed an operating system upgrade together with the installation of Xetra Release 8.0, are requested to restore their "full backup".

- The settings of the last trading day (April 20, 2007) of the Xetra Release 7.1 production will be restored. Therefore, modifications performed by members in Xetra Release 8.0 production regarding, for example, access authorizations or the definition of window settings, have to be re-entered after the re-opening of Xetra Release 7.1.

- Trades already generated in Xetra Release 8.0 will be transmitted to XONTRO Trade. Due to a necessary fallback, such trades are not included in the Xetra 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 8.0 production as well as non-confirmed OTC trades have to be re-entered.

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

6) Un-subscribing of broadcast sub-streams not required by the member

With the introduction of the Xetra Release 8.0 broadcast sub-streams can be subscribed to individually. Members are advised to check all sub-streams for relevance. All sub-streams which are not needed can be un-subscribed (i.e. de-assigned via the Xmenu) to improve on broadcast performance and save bandwidth capacity.

7) Enabling the Heartbeat feature (e.g. for Designated Sponsors)

The Heartbeat feature will be activated on April 30, 2007 and available on **May 2, 2007**, i.e. not immediately with the Xetra Release 8.0 production launch. To enable the Heartbeat feature, a member administrator (e.g. for designated sponsors) has to do the following:

a) request Market Supervision Xetra to enable this feature for their membership.
b) Market Supervision Xetra will apply the necessary change on the Xetra back-end.

c) A member will be able to grant the Heartbeat RAL to the respective trader ID only after the completion of step b). This RAL assignment will come into effect on the next trading day (as a batch run is required).

Members intending to use the heartbeat feature are recommended to execute the Heartbeat set-up steps early in the week after Xetra Release 8.0 production launch.

8) Xetra 8.0 Readiness Statement

We are sending you enclosed a Xetra 8.0 Readiness fax reply form. Please use this form to confirm your functional and technical readiness to us. Please also specify the contact details of the person which is to be used as contact person for the connection test. The Xetra 8.0 Readiness Statement has to be returned until **April 13, 2007** at the latest to

Customer Support, Fax: +49-(0) 69-2 11-1 16 41.

For any further inquiries about the release introduction, please contact the Xetra Technical Helpdesk at telephone +49-(0) 69-211-1 84 00.

Yours faithfully,
On behalf of the Management Board

Jens Hachmeister

Holger Patt

Attachment

Deutsche Börse

FAX – Reply – Xetra -Simulation Status

Xetra Release 8.0 Simulation – February 12, 2007 – April 13, 2007

We kindly ask you to fill and return this fax until the following date:

April 13, 2007

To: Customer Support Fax: +49-(0) 69-2 11-1 16 41

Member-ID: ..... Company .....

Name ..... Phone .....

e-mail .....

Connection Test Contact Person on April 21, 2007

Name ..... Phone .....

e-mail .....

Technical Requirements	Yes	No
• Successful installation of GATE 3.5	○	○
• Successfully adapted changes in the VALUES API Interface.	○	○
We declare that we are ready for Production of Xetra Release 8.0.	○	○
Further Questions regarding Member Simulation Activity		
Members using the Xetra J-Trader • Successfully traded	○	○
Members using Third Party application • Successfully traded Name of used application: _____	○	○
• Successfully processed XML Reports Name of used application: _____	○	○
• MISS Server upgrade to Solaris 10 respective Windows 2003 accomplished	○	○

Issues/Comments:

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Date:_____ Signature:_____