X-pand into the Future

# eurex circular 007/12

**Date:** January 12, 2012
**Recipients:** All Trading Participants of Eurex Deutschland and Eurex Zürich, all Clearing Members of Eurex Clearing AG and Vendors
**Authorized by:** Jürg Spillmann

**High priority**

## Eurex Release 14.0: FIXML Interface Updates in the first Half of 2012

**Related Eurex Circulars:** 183/11, 242/11, 251/11, 277/11, 297/11, 300/11

**Contact:** Member Services & Admission, tel. +49-69-211-1 17 00,
e-mail: customer.support@eurexchange.com

| **Content may be most important for:** | **Attachments:** |
|---|---|
| ➲ All departments | None |


**Summary:**

With circular 300/11 Eurex Group published an overview of functional and technical enhancements for the first half of 2012. With this circular Eurex Clearing provides additional details about the development of the Eurex Clearing FIXML Interface that are planned for the first half of 2012.

Eurex Clearing plans to provide VALUES API requests currently used by member applications as FIXML messages by the end of the second quarter 2012. From this point onwards, members will be able to decommission VALUES API as a clearing interface. Support of the MISS architecture will ultimately be withdrawn in the second quarter 2013, after which the Eurex Clearing FIXML Interface will be the only available clearing interface. The Eurex Clearing FIXML Interface supports the FIXML industry standard. Eurex recommends that members begin their migration activities as early as possible.

For those members with an existing WebSphere MQ infrastructure, Eurex Clearing will also offer WebSphere MQ as an alternative to AMQP as the transport layer in the third quarter 2012.

The implementation of the FIXML Interface uses an incremental development methodology which allows earlier delivery of new features to the members, independent from releases. As a result, the individual features will be delivered to the members over an extended period of time.

The exact dates when functionality will be made available in the Eurex Release 14.0 simulation and Eurex Release 14.0 production environments will be announced in separate Eurex circulars.



eurex

Eurex Deutschland
Börsenplatz 4
60313 Frankfurt/Main
Mailing address:
60485 Frankfurt/Main
Germany

T +49-69-211-1 17 00
F +49-69-211-1 17 01
customer.support@
eurexchange.com
Internet:
www.eurexchange.com

Management Board:
Thomas Book, Michael Peters,
Andreas Preuss, Peter Reitz,
Jürg Spillmann

ARBN: 101 013 361

# Eurex Release 14.0: FIXML Interface Updates in the first Half of 2012

With circular 300/11 Eurex Group published an overview of functional and technical enhancements for the first half of 2012. With this circular Eurex Clearing provides additional details for the development of the Eurex Clearing FIXML Interface that are planned for the first half of 2012.

Eurex Clearing plans to provide VALUES API requests currently used by member applications as FIXML messages by the end of the second quarter 2012. From this point onwards, members will be able to decommission VALUES API as a clearing interface. Support of the MISS architecture will ultimately be withdrawn in the second quarter 2013, after which the Eurex Clearing FIXML Interface will be the only clearing interface available. The Eurex Clearing FIXML Interface supports the FIXML industry standard and follows FIX Version 5.0 SP2 with Extension Packs. Eurex recommends that members begin their migration activities as early as possible.

The implementation of the FIXML Interface uses an incremental development methodology which allows earlier delivery of new features to the members, independent from releases. As a result, the individual features will be delivered to the members over an extended period of time.

Using this incremental development methodology, the following additional features will be made available in Eurex Release 14.0 production by the end of the second quarter 2012:

- Remaining EurexOTC Trade Entry Services
- End-of-Assignment Broadcast
- Broadcast of the R-factor for corporate actions
- Broadcast of series information
- Position Management: Exercises, including automatic exercise (broadcast only)
- Position Management: Assignments (broadcast only)
- Position Management: Notifications (broadcast only)
- Position Management: Allocations (broadcast only)
- Trade Confirmation broadcast drop-copy in order to enable an insourcing member to receive copies of Trade Confirmations for his customers.

For those members with an existing WebSphere MQ infrastructure, Eurex Clearing will also offer WebSphere MQ as an alternative to AMQP as the transport layer in the third quarter 2012. Eurex Clearing will connect directly to the WebSphere MQ server on the member side.

| Feature | Simulation | Production |
|---|---|---|
| Trade Confirmation Broadcast as Trade Capture Report | ✓ | ✓ |
| Trade Adjustments | ✓ | ✓ |
| Give-Up/Take-Up | Jan 13, 2012 | Feb 10, 2012 |
| Trade Capture Reports for Flexible Trade Functionality | Feb. 2012 | Mar. 2012 |
| OTC Block Trade Functionality | Feb. 2012 | Mar. 2012 |
| Remaining EurexOTC Trade Entry Services | Q2/2012 | Q2/2012 |
| End-of-Assignment Broadcast | Q2/2012 | Q2/2012 |
| Broadcast of R-Factor for corporate actions | Q2/2012 | Q2/2012 |
| Broadcast of series information | Q2/2012 | Q2/2012 |
| Position Management: Exercises, including automatic exercise (broadcast only) | Q2/2012 | Q2/2012 |
| Position Management: Assignments (broadcast only) | Q2/2012 | Q2/2012 |
| Position Management: Notification (broadcast only) | Q2/2012 | Q2/2012 |
| Position Management: Allocations (broadcast only) | Q2/2012 | Q2/2012 |
| Trade Confirmation broadcast drop-copy | Q2/2012 | Q2/2012 |
| Connection via AMQP | ✓ | ✓ |
| Connection via WebSphere MQ | Q3/2012 | Q3/2012 |

✓ = already implemented.

With these additional features Eurex Clearing offers the necessary scope for members to be able to switch over to the Eurex Clearing FIXML Interface.

The exact dates when functionality will be made available in the Eurex Release 14.0 simulation and Eurex Release 14.0 production environments will be announced in separate Eurex circulars.

In line with the introduction of new features in the Eurex Clearing FIXML Interface, documentation will be released incrementally as well. Starting in the first quarter 2012, Eurex Clearing will publish schema files for the FIXML messages. Updated interface specification documents and schema files will be published in the Member Section of the Eurex website. This documentation and the public keys are accessible in the Member Section on the Eurex website under the following path:

**www.eurexchange.com > Member Section > Releases > Eurex 14.0 > Interfaces > FIXML Clearing API**

For direct access to the documents please click on the following link:
https://www.eurexchange.com/members/releases/eurex14/interfaces_fixmlclearing_en.html

To provide members with more insight into the FIXML Interface, also a series of online screencasts has been published on the Eurex website:

**www.eurexchange.com > Technology > Eurex Release 14.0 > Education**

For direct access to the documents please click on the following link:
http://www.eurexchange.com/technology/r14/education_en.html

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