



28 May 2009

PROJECT: **Universal Trading Platform for European Cash Markets**

Common Customer Gateway (CCG) update

NYSE Euronext would like to update clients on the implementation of the new Common Customer Gateway (CCG).

CCG on FIX 4.2 protocol will be **live in the production environment as of Monday, 15 June 2009**. As a reminder, the Common Customer Gateway has been live with the UTP-Direct protocol since January 2009, and with legacy protocols (MMTP and Fix Euronext) since 30 March 2009.

Please note that clients are required to perform conformance testing to be able to trade in production via the Common Customer Gateway.

New functionalities being made available for customers

All CCG protocols:

- **Business continuity principles**, which will apply in the event of the exchange's primary data centre being involved in a disaster, will be available for client testing on the External User Acceptance (EUA) test environment as of 29 May 2009 - Target Live Delivery Date: 15 June.

Detailed documentation is available online as follows:

- Updated specifications for CCG with FIX 4.2 protocol ("Universal Trading Platform for Equities FIX 4.2 API Specifications v2.3")
- Updated Universal Trading Platform-Direct specifications ("Universal Trading Platform for Equities UTP-Direct Message Specifications v1.10 – without extended CIOrdID")
- "Universal Trading Platform MMTP Protocol update - version 1.2"
- "Universal Trading Platform FIX Euronext protocol update - version 1.1".

CCG new protocols (UTP-Direct and FIX4.2) only:

- **Management of several application instances and of Service Bureau Access** to be made available for client testing on the External User Acceptance test environment as of 29 May 2009 - Target Live Delivery Date: 29 June.

Please see the dedicated Client Order ID Policy memo attached here in appendix 1, describing:

- Mandatory Client Order ID (CIOrdID) syntax to ensure that, for a given firm, there is no conflict between Regular Access and Service Bureau Access
- CIOrdID generation recommendation towards ISVs and member developers to allow firms easy integration of several application instances.

Updated detailed documentation for these functionalities:

- is available in the new version of the specifications for CCG with FIX 4.2 protocol ("Universal Trading Platform for Equities FIX 4.2 API Specifications v2.3") now available online
- will be included in the next version of the UTP-Direct specifications ("Universal Trading Platform for Equities UTP-Direct Message Specifications v2.0 – including extended CIOrdID") now available online.

Website: www.euronext.com

The **Euronext Securities Markets** comprise the markets for securities trading operated by Euronext Amsterdam, Euronext Brussels, Euronext Lisbon and Euronext Paris, referred to respectively as the Amsterdam, Brussels, Lisbon and Paris markets. Euronext is part of the NYSE Euronext group. Whilst all reasonable care has been taken to ensure that this Info-Flash is accurate and not misleading, neither NYSE Euronext, Euronext N.V. nor any of the group companies shall be liable (except to the extent required by law) for the use of the information howsoever arising. NYSE Euronext EXPRESSLY DISCLAIMS ALL WARRANTIES, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF ANY OF THE CONTENT PROVIDED, OR AS TO THE FITNESS OF THE INFORMATION FOR ANY PURPOSE. The contents of this Info-Flash are for information only and shall not constitute investment advice. Neither NYSE Euronext nor any of its group companies, servants, or agents are responsible for any errors or omissions contained herein. None of the content of this Info-Flash will form any part of any contract between us.

Euronext N.V. | PO Box 19163 | 1000 GD Amsterdam | The Netherlands

- **Bulk Cancel Acknowledgement** to be made available for client testing on the External User Acceptance test environment as of 29 May 2009 - Target Live Delivery Date: 15 June.
Important note: For customers who have already implemented the Bulk Cancel functionality, they are required to make sure, before 15 June (Target Live Delivery Date), that their application is not harmed by Bulk Cancel Acknowledgment messages.

Detailed documentation is available online as follows:

- Updated specifications for CCG with FIX 4.2 protocol (“Universal Trading Platform for Equities FIX 4.2 API Specifications v2.3”) now available online
- Updated specifications for CCG with UTP-Direct specifications (“Universal Trading Platform for Equities UTP-Direct Message Specifications v1.10 – without extended CIOrdID”) now available online.

CCG legacy protocols (FIX Euronext and MMTP) only,

- **Automatic-mass cancel functionality for Warrants engine** will be available for client testing on the External User Acceptance test environment as of 29 May. Please see the dedicated memo, attached here in appendix 2 - Target Live Delivery Date: 15 June.

Updated documentation now available on the Euronext website

- New version of the UTP-Direct specifications - for the version currently in production and two new features - has been published (“Universal Trading Platform for Equities UTP-Direct Message Specifications v1.10 – without extended CIOrdID”), including:
 - Business continuity principles, in case of exchange primary data centre disaster (feature available as of 15 June in the production environment)
 - Bulk Cancel Acknowledgment (feature available as of 15 June in the production environment)
 - Correcting errors (see document history section).
- New version of the UTP-Direct specifications for the version that will be in production from 29 June 2009 is now available online (“Universal Trading Platform for Equities UTP-Direct Message Specifications v2.0 – including extended CIOrdID”) , including:
 - Management of several application instances and of Service Bureau Access
 - Business continuity principles, in case of exchange primary data centre disaster
 - Bulk Cancel Acknowledgment
 - Correcting errors (see document history section).
- New version of the specifications for CCG with FIX 4.2 protocol (“Universal Trading Platform for Equities FIX 4.2 API Specifications v2.3”) is now available online, adding the description of:
 - High availability mechanism
 - Business continuity principles, in case of exchange primary data centre disaster
 - Management of several application instances and of Service Bureau Access
 - Bulk Cancel Acknowledgment.
- “Member Access using UTP FIX 4.2 protocol via a Common Customer Gateway (CCG) NYSE Euronext Testing Guide v1.0” is now available online.
- CCG High Availability specifications update (“CCG High Availability Technical Specification: Legacy protocols (MMTP and Euronext FIX) v1.1”) is now available online.

All documentation listed above is available at the following address:

www.euronext.com/cashmembers > Market/IT documentation > Technical

NB: the CCG configuration form, which allows customers to declare the protocols and configurations for their CCGs, is attached with this info-flash.

For further information regarding the Universal Trading Platform, please do not hesitate to contact your local account manager or liaise with the Universal Trading Platform Support Desk:

Universal Trading Platform Support Desk

Tel: +33 (0)1 4927 5090

Email: utp@nyx.com

Kind regards,

NYSE Euronext European Cash Markets

CONTACTS:

Email: membersinfo@euronext.com; cts@euronext.com

For more information and to view past info-flashes, visit: www.euronext.com/cashmembers