

**Date:** August 17, 2009

**Audience:** NYSE Arca Firm Technology Groups & Vendors

**Subject:** NYSE Arca Equities Universal Trading Platform (UTP) Software Release into Customer Test

**Highlights:**

- UTP Equities will be available in Customer Test Environments
- Equities testing will be unavailable from August 17th to August 26, 2009
- ArcaDirect 2.0 and 3.1 APIs will be decommissioned from the test environment as of August 26th, 2009
- Customers will need to support both the 32 and 64 bit OrderID/ExecID formats for the production rollout

**Summary**

In anticipation of our NYSE Arca Equities Universal Trading Platform (UTP) software release in October 2009, we will be pre-releasing our Equities Universal Trading Platform (UTP) Matching Engine into our customer testing environment on August 27, 2009.

***NOTE: Equities testing in our test environments will be unavailable from August 17<sup>th</sup> to August 26<sup>th</sup> while we update our systems.***

**Production Note:** When the NYSE Arca Equities Universal Trading Platform (UTP) is released in October, both FIX and ArcaDirect customers will need to make changes to their current connections to support both the current OrderID/ExecID format and the new expanded format stated in the section below as our Matching Engines will be migrated to the Universal Trading Platform (UTP) based on symbol range.

ArcaDirect customers will need to upgrade to AD version 3.2 or 4.0 as these versions of ArcaDirect support both the current and expanded OrderID/ExecID formats. Versions 2.0 and 3.1 will be retired upon rollout. Detailed specifications for the ArcaDirect 3.2 and 4.0 APIs are available on <http://www.nyx.com>.

The Universal Trading Platform (UTP) OrderID for NYSE Arca Equities will expand from 32 bit to 64 bit length. As a result of this change the following ArcaDirect, FIX, and FIX drop copy fields will be 64 bit:

FIX:	Tag 37	(OrderID)
	Tag 17	(ExecID)
	Tag 19	(ExecRefID)
	Tag 9731	(ArcaExID) (this field is a custom session setting)

ArcaDirect (Please note the below expanded fields are supported in ArcaDirect 3.2 and 4.0 only):

OrderID – Expands from 4 bytes to 8 bytes  
ExecID – Expands from 4 bytes to 8 bytes  
ExecRefID – Expands from 4 bytes to 8 bytes  
ArcaExID - Expands from 4 bytes to 8 bytes

***NOTE: This will be a beta release of the Equities Universal Trading Platform (UTP) as the software is still in our QA Testing stages. Any issues encountered will be addressed in a timely fashion, but you will be testing at your own risk.***

**Contact Info:**

If you have any further questions, please contact the Client Connectivity Group at 888.689.7739 or [connectivity@nyx.com](mailto:connectivity@nyx.com).