BORSA İSTANBUL A.Ş.
GENERAL DIRECTORATE

Number: 18454353-100.04.02- 32248   15.01.2025

Subject: BISTECH SR3.12 Member Announcement

To Whom It May Concern,

As it is known, in line with the efforts to increase the product and service diversity and the demands of our members, the BISTECH System improvement and development efforts are continuing and the new version, called 3.12 is planned to go live (Production) as of **May 12, 2025**.

BISTECH Member Free Test Environment (pre_prod test environment) will be updated to version 3.12 on **February 10, 2025** and starting from this date, it is expected to be tested by our members until the new version goes live.

Version 3.12 is planned to include the improvements listed below and other details regarding the changes that will be included in this version and access information to the test environments will be communicated with a separate announcement.

- 'Order Book Position' field in 'Add Order (MsgType=A)' messages published via the ITCH protocol will be removed and two new fields 'Ranking Time' and 'Ranking Sequence Number' will be added to the corresponding message to enable users to rank the orders while building order books. A new 'Ranking Type' field will also be added to the 'Order Book Directory (MsgType=R)' message. Rules regarding ranking the orders without order book position information will be detailed in the technical documents of ITCH and GLIMPSE.

- Fields containing information regarding the short sale restriction and up-tick rule in the messages published via FIX Reference Data, ITCH, GLIMPSE and TIP data dissemination channels will be consolidated as a single short sale restriction field.

  With this change:
  - 'ShortSellValidation (tag=21070)' field will be removed from 'Security Definition (MsgType=d)' and 'Security Definition Update Report (MsgType=BP)' messages. Valid values in 'ShortSaleRestriction (tag=8000)' field will be updated in FIX Reference Data.
  - 'Short Sell Validation' field will be removed from 'Short Sell Status (MsgType=V)' message and 'Short Sell Restriction' field will be updated as 'Short Sale Restriction' in ITCH and GLIMPSE. Valid values for this field will also be updated.

- o 'Short Sell Enabled (SSv)' and 'Short Sell Validation (Sv)' fields will be removed from 'BasicDataTradable (MsgType=BDt)' and 'TradableInfo (MsgType=Ti)' messages in the TIP protocol and a new 'Short Sale Restriction field (SSr)' will be added.

- 'SMP Level', 'SMP Method' and 'SMP ID' fields will be added to FIX API, OUCH API and Trading Workstation application. These fields will be used in the Self-Match Prevention (SMP) feature, which is planned to be enabled in the future for algorithmic order transmission systems in the Equity Market and Derivatives Market. This feature was developed to prevent orders marked with the same 'SMP ID' from matching each other. The use of the SMP feature is optional and will be available upon the member's application. In this context, the changes detailed below will be made in FIX API, OUCH API and Trading Workstation. Since these changes will affect all market participants, including those who will not use the feature, they need to be tested in detail by all market participants:

  - o 'SMP Level (tag=21114)', 'SMP Method (tag=21115)' and 'SMP ID (tag=21116)' fields will be added to 'New Order Single (MsgType=D)' and 'Execution Report (MsgType=8)' messages in FIX Order Entry. FIX Drop Copy execution messages will also contain the new fields.
  - o 'SMP Level', 'SMP Method' and 'SMP ID' fields will be added to 'Enter Order (MsgType=O)' and 'Order Accepted (MsgType=A)' messages in OUCH protocol.
  - o 'SMP Level', 'SMP Method' and 'SMP ID' fields will be added in the 'Order Book' and 'Order History' windows in Trading Workstation.
  - o Statements of cancellation and rejection due to self-matching will be added to order cancellation and rejection messages.

- 'VWAP (Wp)', 'VWAPDiffPer (Wd)', 'SettlementPriceVWAP (SWp)', 'CompoundYieldVWAP (CYWp)', 'ValidationVWAP (VWp)', 'YieldVWAP (YWp)' fields will be removed from 'TradeStatistics2 (MsgType=v)' message in the TIP protocol.

The updated technical documents including the changes mentioned above, the FIX data dictionary and the Self-Match Prevention Technical Functionality Principles document will be available at https://borsaistanbul.com/en/sayfa/2530/technical-documents.

'.Net Framework' upgrade will be made to BISTECH Clearing Workstation application, details of which will be shared later.

For all the questions and issues on the subject please contact bistechsupport_autoticket@borsaistanbul.com.

Kindly submitted to your information.
Yours Sincerely,

Korkmaz ERGUN
CEO
Board Member