

F.A.Q. CTM™ Event Based Push Functionality

WHAT FUNCTIONALITY DOES THE CTM EVENT BASED PUSH PROVIDE?

Event based push functionality provides CTM broker/dealers and investment managers that utilize a direct XML interface the option to have events, trade information, and statuses “pushed” to them. This alleviates the need to continuously query the CTM host for updated events/trade status information and/or code to specified message queries.

When subscribing to the event based push functionality, the CTM service will deliver a defined set of messages (via MQ) that will notify clients when trades statuses change, when new trades are submitted, and when trades have been updated in the CTM platform.

WHO IS THE PRIMARY TARGET AUDIENCE FOR THIS FUNCTIONALITY?

Our primary target audiences for this functionality are high volume broker/dealers and large investment managers who currently utilize the CTM Direct XML interface.

WHAT ARE THE KEY FEATURES?

- Event push functionality will allow MQ enabled broker/dealers and investment managers to submit Trade Level and Trade Detail messages and receive XML trade status/detail event notifications based on a set of profile driven events
- Subscribing to this functionality will provide event notifications regarding changes in trade components for both Trade Level and Trade Detail (MACH, MISM, NMAG) statuses in addition to asynchronous errors and data value changes
- This functionality also brings the ability to recover and replay event notifications that were previously pushed to subscribers

WHAT ARE THE BENEFITS?

This functionality helps increase satisfaction by providing an additional implementation option requested by the community and also helps to decrease the implementation time of a CTM project as more clients utilize a push message architecture for their processes.

WHAT IS MQ?

MQ is an abbreviation for IBM's Websphere MQ middleware transport which is used to asynchronously send and receive messages between applications. It is important to note, that an existing MQ connection cannot be used to connect to both OASYS and CTM platforms. The CTM MQ setup will require new queues and new channels be created. If you choose to use the same queue manager for these new queues, you may. However, while you can repurpose your existing CTM connection you should review your existing license agreement with IBM to determine the conditions of that agreement prior to doing so.

WHAT CTM EVENTS ARE ELIGIBLE TO BE “PUSHED”?

The set of push events is defined in Section 6 of the “XML Direct Message Specification” along with the business value for each event.

WHAT DO I NEED TO DO TO UTILIZE THIS FUNCTIONALITY?

This functionality is optional. As an existing client, you will not need to take any action unless you want to update to the new MQ interface. If you wish to take advantage of this new functionality, you must be able to support MQ messaging Protocol. Push is only available via MQ.

CAN I STILL POLL THE CTM SOLUTION FOR INFORMATION IF I WANT TO?

Yes, push event notification technology will not replace the current CTM pull functionality; it is simply an additional offering. You may choose to solely utilize either the existing pull functionality, or the new push event functionality, or a combination of both.

HOW WILL THE USER INTERFACE (UI) CHANGE WITH THIS FUNCTIONALITY?

There is no impact to the UI with this functionality.

WHAT IS THE COST FOR EVENT BASED PUSH FUNCTIONALITY?

There is no fee for subscribing to this functionality.

WHAT CTM EVENTS ARE ELIGIBLE TO BE "PUSHED"?

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DOES AN EXISTING CLIENT INTERESTED IN THIS FUNCTIONALITY HAVE TO ENGAGE IN AN INTEGRATION PROJECT TO IMPLEMENT THIS?

Yes. Clients will need to work with an Integration Consultant if they wish to use event based push and MQ functionality.

IS THERE AN IMPACT TO THIRD PARTIES WHO RECEIVE SETTLEMENT NOTIFICATIONS (SN)?

No. Custodians and other interested parties that are currently receiving SN messages are not impacted by this functionality. Current SN messages will continue to be generated and sent to third parties in the same manner as they are today, e.g. SWIFT, CSV, etc.

WHAT PARTNERS ARE IMPACTED?

This functionality allows both new and existing partners to choose a new MQ CTM interface if they want an event-based push model. If an existing partner chooses to keep their current CTM interface, no changes will be needed. This is a completely optional functionality.

Partners that choose to implement an event-based push model will need to plan for a development project on their side to implement this new interface.

FOR MORE INFORMATION

Please email us at solutions@dtcc.com

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