

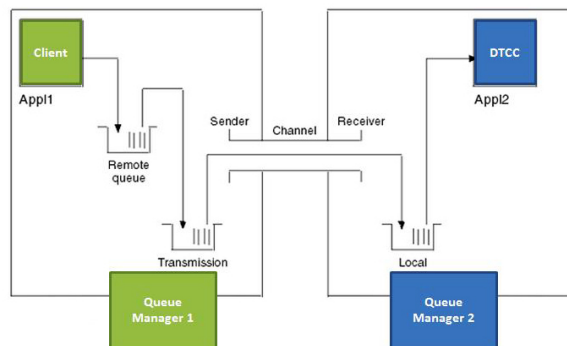
Derivatives Services

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MQ Submission Overview

What is Message Queues (MQ)?

IBM WebSphere MQ is an assured delivery mechanism, which consist of queues managed by Queue Managers. You can put messages into, and retrieve messages from queues. Movement of messages between queues is facilitated by components called Channels and Transmission Queues.



Establishing Connectivity

Prior to defining a new MQ channel to DTCC, customers must ensure they have TCP/IP connectivity using either the DTCC SMART, NYSE SFTI or BT RADIANTZ networks. The IP addresses being presented to DTCC by the customer must be provisioned in our routers and firewalls.



DTCC's Securely Managed and Reliable Technology (SMART) is the technology backbone that supports the entire settlement infrastructure of the U.S.

DTCC
SMART

The SFTI Network is a wide area network which provides customers with domestic and international financial markets connectivity

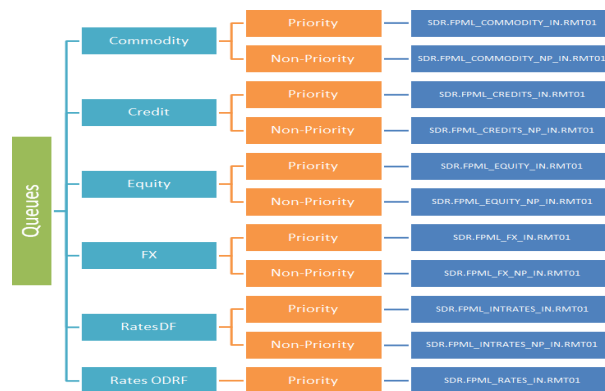
SFTI
SECURE
FINANCIAL
TRANSACTION
INFRASTRUCTURE

BT Radianz

BT Radianz is a business-to-business e-commerce company that provides IP networking and scalable connectivity to the global financial community.

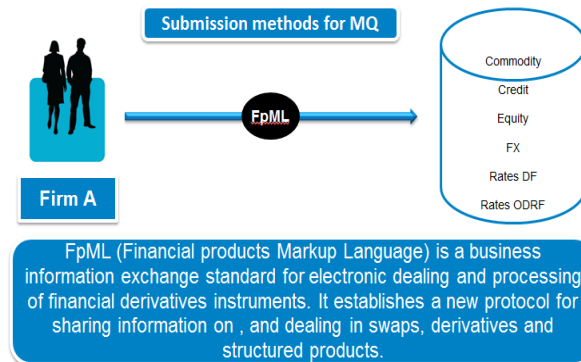
Connection Queues

Here are the GTR Queues (Priority and Standard) for the different asset classes.



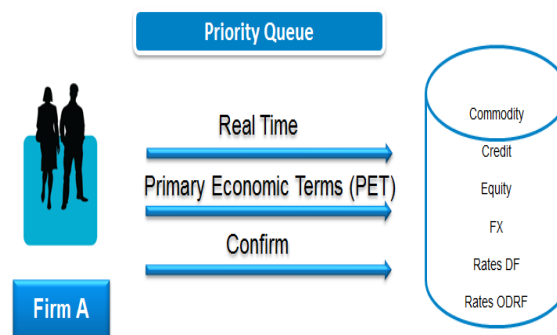
Submission Method

The supported message protocol for MQ is FpML.



MQ Message Flow (Priority Queue)

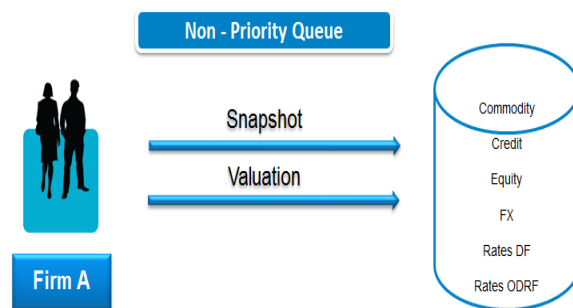
Real Time, PET and Confirm messages need to be submitted, processed and disseminated within a certain timeframe. In order to provide the fastest service possible, DTCC has implemented a Priority Queue for these types of message submittals. As a result, Real Time, PET and Confirm messages should be submitted using the Priority Queue. This will allow the time sensitive messages to be processed efficiently. **Other types of messages will be rejected.**



MQ Message Flow (Non-Priority)

Snapshot and Valuation messages should be submitted using the Standard Queue. Unlike the Real-Time, PET and Confirm

messages they are not submitted to the Priority Queue for expedited processing.



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