

# FAST Messaging

## bFAST™ for CME GLOBEX MDP

The BourseTech bFAST™ CGM product provides a turnkey implementation of FAST<sup>SM</sup> (FIX Adapted for STraming) protocol decoder developed for the CME GLOBEX Market Data Platform.

### Key Benefits

- reduces network congestion, load, and infrastructure costs
- boosts existing capacity to allow for future growth
- improves service quality by reducing transmission times

### Value-Added Options

Our Enterprise product provides

- multi-channel support
- A/B feed arbitration,
- prioritized Full Book recovery, and
- message delivery options.

### Flexible Administrative Tools

The bFAST™ appliance embeds web and command line interfaces to empower local and remote support personnel with essential facilities for:

- remote monitoring,
- system configuration, and
- statistics display.

### Processing Statistics

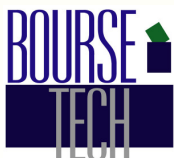
Decoding > 2MM Messages/Second<sup>1</sup>  
CPU Utilization < 5%<sup>2</sup>

Feature Description	Standalone	Enterprise
<b>Market And Channel Management</b>		
Multi-Channel Support	NO	YES
Market Channel Refresh	DAILY	DAILY
Message Template Refresh	SCHEDULED	SCHEDULED
<b>Recovery</b>		
Gap Recovery via Snapshot	YES	YES
Full Book Recovery	NO	YES
Prioritized Recovery	NO	Symbol
<b>Feed Options</b>		
Continuous Feed	YES	YES
Queued Feed	NO	YES
A/B Feed Arbitration	NO	YES
<b>Data Delivery</b>		
TCP/IP Network Pipe	YES	YES
Shared Memory – Security Master	NO	YES
Shared Memory – Market Data	NO	YES
<b>Administrative Management and Control</b>		
Statistical Reporting	LIMITED	YES
Command Line Interface	YES	YES

### Notes

<sup>1</sup> At the time of this writing, the maximum MPS for any CME channel was 10,357

<sup>2</sup> Test Hardware: DELL PowerEdge 2950, 2x 5160 CPUs , 16 GB RAM



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## About BourseTech

BourseTech is a financial software and services firm with offices located in New York and San Francisco. We specialize in the design and development of messaging applications supporting global standard communications protocols.