



MARKET X STREAM

INTRODUCTION

MarketXstream™ is a market data solution that combines exceptional performance and rich functionality with unparalleled flexibility and adaptability. MarketXstream™ is an ultra-low latency and high throughput application empowering the dissemination of comprehensive market depth level information from single or multiple exchanges. MarketXstream™ disseminates precise level of streaming information to the ISVs, High Frequency Trading (HFT) systems and other users for their analysis or further dissemination to various sources. The key feature of presenting market data information streamlined in a manner that is ideal and beneficial for the entity to decipher can be interpreted from the name and the logo itself.

**63
moons™**

the new digital ecology

www.63moons.com

formerly Financial Technologies (India) Limited



CONNECT

Connect to MarketXstream™

Receive & Configure
exchange determined Multi-
cast Stream Parameters

COLLATE

Snapshot Download for point
in time market data

Real-Time Market Data
Information

History Download for missing
market data information

CREATE

Update Market Picture

Market Data Analysis

Trading Strategy Formulation

VALUE PREPOSITION

FULL MARKET DEPTH COVERAGE

MarketXstream™ provides the complete order level market depth across range of multi-asset and multi-currency products. The extensive market data covers the comprehensive order level information including prices, volume, no. of orders and thus enable better precision in trading strategies.

BANDWIDTH OPTIMIZATION

Developed in response to the current market data volume upsurge, MarketXstream™ holds the undisputed capability for steadfast and low-latency data transfer using binary communication structures. The precise and efficient communication of market data updates enables optimal utilization of network resources.

BUOYANT SYSTEM

Catering to multi-assets and multi markets, MarketXstream™ is equipped with an efficient design to provide normalized market order book information ensuing intelligent disciplined trading decisions. Resilient features at all stages assist realistic strategy formulation for high frequency Automated Trading.

COST EFFECTIVENESS & SCALABILITY

MarketXstream™ minimizes both, total cost of ownership and complexity through a well-designed API that enables suave and systematic elucidations

for picture-perfect adaptability. Effectively documented API removes possibilities of intricacies in design, project execution, bandwidth utilization and performance assessments.

TRANSPARENCY

MarketXstream™ involves seamless data dissemination from a single or multiple exchanges. For easy vendor identification, MarketXstream™ holds the proposition to help entities in recognizing the source of data being received. This eliminates the possible miscalculation of market data due to information received from any alternate source.

SIMPLIFIED APPROACH FOR DATA DISSEMINATION

MarketXstream™ involves doing away with redundant and unused data thereby achieving bandwidth advantage. Simplicity of information sent by MarketXstream™ is beneficial for the entity to process the same in an articulate manner.

ROBUST & INTEGRATED PRICE POINTS

MarketXstream™ is an organized wholesome package designed to capture, store and manage real-time order or trade-related market data updates. MarketXstream™ is designed to generate price points ensuring thin abstraction layers using which market data information can be updated for effective analysis.

HIGHLIGHTS

- Real-time market data dissemination over multi-cast and TCP/IP on every single order or trade related update event
- Robust solution to ensure seamless flow of full market depth
- Adequacy of information to update data other than market depth levels (e.g. Open Interest, Open Price)
- Access to customized historical data on request during trading hours for analysis
- Seamless data dissemination from multiple exchanges with source identification for user
- Latest market snapshot availability, beneficial in case of intra-day outages
- Optimal utilization of network resources using binary communication structures to facilitate quick flow of information
- Compression of messages leading to optimization of bandwidth
- Inbuilt intelligence assisting strategy formulation for Automated Trading Strategy (ATS) users/traders
- Cost-efficient access to markets via low-latency connections
- Value-added market data over a feature-rich, unified API interface

ARCHITECTURE

