

INTER-DEALER MARKET ASSURES CONNECTIVITY HEALTH AND CAPACITY

90+BROKER-DEALER
PARTICIPANTS**INTER-DEALER MARKET**PROVIDES INTER-DEALER QUOTATION AND
MESSAGING SYSTEM AND LIGHTWEIGHT, MULTICAST
DATA FEEDS CONTAINING QUOTE, TRADE
AND SECURITY REFERENCE DATA**10,000+**GLOBAL AND
U.S. SECURITIES

CHALLENGE

Reliably Accommodate Increasing Data and Messaging Volumes

Continued success of the firm's quote-driven marketplace rested on its ability to seamlessly grow its market data and message delivery capacity while assuring client experience. While transitioning their network infrastructure, the firm was eager to efficiently:

- Verify the infrastructure's ability to reliably handle projected increases in data volumes and volatility
- Identify, diagnose, and address data and quote delivery issues
- Provide enhanced client connectivity service and responsiveness

SOLUTION

High Performance Infrastructure Visibility and Analysis

- Insight into network throughput, bandwidth utilization and load tolerances during various stress testing scenarios
- Analysis of multicast market data gaps, microbursts and quality issues across all published feeds
- Real-time network performance and capacity utilization insights to optimize data delivery, even during dynamic market conditions
- Visibility into clients' connectivity health and performance at the session level to improve client transparency and simplify problem resolution
- Directional latency measurement through load balancers and firewalls to provide visibility into the performance impact of each device on user experience
- Analytics-driven workflows for rapid problem identification, isolation, and resolution

RESULTS

Improved Control Over Dealer Connectivity Health and Experience

- ↑ Capacity assurance and management
- ↑ Data delivery quality and performance assurance
- ↑ Responsiveness to client inquiries
- ↓ Mean time to identify and resolve client issues
- ↓ Risk of stale or gapped market data