

NON-BANK LIQUIDITY PROVIDER OPTIMIZES TICK DELIVERY FOR IMPROVED EXECUTION

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EXECUTES A WIDE VARIETY OF STRATEGIES ON ALL MAJOR EXCHANGES WORLDWIDE. SUPPORTS MULTIPLE ASSET CLASSES WITH DIVERSE TRADING ALGORITHMS.

CHALLENGE

Market Data Delivery Across a Complex, Global Environment Impacting Execution

The firm's continued success rested on superior execution across multiple venues. Understanding the real-time impact of technology performance on data delivery and transaction execution across multiple venues was necessary to derive maximum business benefit. However, the firm was constrained by:

- Lengthy timeframes to identify, diagnose, and address market data feed delivery issues
- Inadequate visibility across changing applications to support efficient infrastructure operations and to prioritize optimization efforts
- Lack of precise visibility and analysis required to assure service of ultra-low-latency environment
- Opportunity cost of dedicating significant resources to develop visibility, analytics and collaboration capabilities required for proactive oversight

SOLUTION

Analytics to Optimize Market Data Delivery Infrastructure

Deployed in multiple data centers to replace a series of homegrown capture and monitoring tools, Corvil provided:

- Automated discovery, decoding and analysis of the firm's Informatica Ultra Messaging environment
- Insight into market data gaps and other quality issues across all incoming third-party feeds
- Highly granular network performance and capacity utilization insights to optimize data delivery, even during dynamic market conditions
- Intuitive network capture, profiling, analysis, filtering, and search workflows that minimized analysis time and effort
- Analytics-driven workflows for rapid problem identification, isolation, and resolution

RESULTS

Improved Delivery and Execution Performance

- ↓ Risk of stale or gapped market data
- ↓ Mean time to identify and resolve issues
- ↓ Business impact of technology issues
- ↑ Operations staff productivity
- ↑ Data reliability during dynamic periods