

# BANK IMPROVES TICK DELIVERY FOR BETTER EXECUTION

**\$3.8T+**IN DAILY  
TRADING FLOWS**GLOBAL BANK**PROVIDES INVESTMENT SOLUTIONS TO GLOBAL  
FORTUNE 500® COMPANIES**400+**MARKET DATA SOURCES  
ACROSS MULTIPLE ASSET  
CLASSES

## CHALLENGE

### Expanding Demand for Timely, High Quality Data

With global market fragmentation increasing the number of venues and the amount of data required to demonstrate best execution to regulators and clients, the firm's market data distribution operations team was under constant pressure to:

- Lower the risk of delivering stale prices to execution systems and clients
- Assure consistent delivery during periods of market volatility
- Respond to increasing regulatory scrutiny even as data volumes and usage grew

## SOLUTION

### Insight to Assure Market Data Quality and Performance for Optimal Trade Decisions

With zero performance impact on the firm's feed handling and distribution infrastructure, Corvil's real-time analysis of every market data flow provided:

- Insight into market data gaps and other quality issues across all incoming third-party feeds
- Analysis of absolute and relative performance for every tick on incoming A vs B market data feeds
- Visibility into feed handling and consolidation performance, searchable by venue and region
- Infrastructure and platform performance and capacity insights to optimize data delivery, even during dynamic market conditions
- Tick-to-order analysis to enable application and trade strategy optimization
- Workflows to accelerate identification, isolation, and resolution of market data quality or performance degradation
- Relevant insights to various stakeholders delivered through custom dashboards and scheduled reports
- Independent, precision time-sequenced market data records to serve as evidence for stakeholder or regulatory inquiries

## RESULTS

### More Efficient and Reliable Market Data Delivery for Better Trade Execution

- ↓ Risk of stale pricing
- ↓ Mean time to identify and resolve issues
- ↓ Mean time to respond to stakeholder and regulatory inquiries
- ↑ Reliability during high volatility periods