

MARKET MAKER ADVANCES INNOVATION AND EXECUTION WITH CORVIL INSIGHTS

MARKET MAKER

Provides liquidity in global energy, commodity and financial futures markets through multiple channels such as electronic exchanges and call-around markets.

CHALLENGE

Limited Visibility and Resources to Optimize Technology Performance and Trading Outcomes

The key to sustaining the firm's success rested on its ability to continuously innovate the firm's market making and investment operations and deliver robust solutions to produce superior transaction execution. Understanding technology performance and its real-time impact on business outcomes was necessary to know where to focus resources to derive maximum business benefit. However, the firm was challenged by:

- Gaining rapid, precision visibility and insights across complex, distributed systems to prioritize optimization efforts and support efficient infrastructure operations
- Delayed and fragmented insight into venue, system and execution performance degradation
- Opportunity costs of dedicating significant resources to develop visibility, analytics and collaboration capabilities required for proactive oversight

SOLUTION

Continuous, Real-Time Insight to Drive Optimization Decisions

Deployed in multiple data centers to analyze electronic trading flows across multiple transaction types, systems, protocols, and venues, Corvil provided:

- Systematic visibility across the entire environment, in real-time and retrospectively
- Measurement and monitoring of the performance impact of each system, infrastructure component, and connected venue on end-to-end transaction performance
- Insight into impact of software updates on end-to-end performance
- Proactive oversight of execution performance across various venues to optimize trade routing decisions
- Analytics-driven workflows for rapid problem identification, isolation, and resolution

"Corvil's end-to-end visibility and performance impact analysis helps us determine where to focus our optimization efforts to obtain the best return on investment for development."

RESULTS

Improved Delivery and Execution Performance

- ▲ Return on optimization investment
- ▲ Revenue resulting from system optimization
- ▼ Business impact of technology issues
- ▼ Development opportunity costs
- ▼ Mean time to identify and resolve issues
- ▼ Time to market for a critical capability on strategic technology/business roadmap