



TEMPORAL

UNIFIED TRADING & ANALYTICS PLATFORM INTEGRATION

Decreasing time-to-trade metrics through seamless
Bloomberg integration and cloud architecture



CHALLENGE

This hedge fund faced significant operational inefficiencies:

- **Fragmented technology landscape** with disparate tools assembled over time by various portfolio managers
- **Lack of interoperability** between software products making performance tracking difficult
- **Manual reporting and compliance processes** requiring significant time and resources
- **Limited trading intelligence** due to siloed systems and data



SOLUTION OVERVIEW

Temporal implemented a comprehensive unified trading solution.

KEY SOLUTION COMPONENTS:

1

Unified Trading Platform

- Seamless connectivity to established tools (e.g., Charles River)
- Bloomberg terminal functionality embedded in web-based interface
- Integrated compliance and reporting capabilities

2

Advanced Analytics Framework

- Robust reporting system with customizable dashboards
- Predictive analysis tools to enhance trading decisions
- Real-time market intelligence integration

3

Centralized Data Warehouse

- Comprehensive storage of historical and real-time trading data
- Support for complex reporting requirements
- Single source of truth for all trading activities

IMPLEMENTATION HIGHLIGHTS

- **AWS cloud infrastructure** providing scalable compute, networking, and storage
- **Microsoft technology stack** (.NET, C++) for web and backend services
- **Bloomberg API integration** for real-time market data and trading capabilities
- **Third-party and open source** tools seamlessly integrated into the platform

RESULTS & IMPACT

- **Significantly decreased time-to-trade metrics**
- **Enhanced trading intelligence capabilities**
- **Streamlined research and execution processes**
- **Increased portfolio ROI** through faster, more informed trading decisions

