

Data Management

Advanti believes data is the heart and soul of the financial marketplace

► Data Architecture

Building fast, reliable, creative and flexible databases

► Business Intelligence

Turning raw data into actionable information

► Enterprise Data Management

Introducing rich, clean, reliable, and customizable data to the enterprise

► Infrastructure

Constructing stable, scalable and highly performant platforms

What We Do

Advanti provides **data management consulting** throughout the investment lifecycle **at buy and sell-side firms**: research, analytics, trading, operations, performance, sales, and marketing.

We have successfully built data warehouses, established enterprise data management programs, integrated business intelligence products, and optimized database infrastructures and operations.

Data Architecture

We architect and develop robust fundamental and quant-based research database platforms, centralized and distributed data warehouses, security master and transactional databases, portfolio accounting systems, performance attribution databases, and CRM solutions.

- ❖ Data Warehousing)
- ❖ Operational Data Stores
- ❖ Data Marts
- ❖ Data Architecture
- ❖ Data Feeds and Transformations
- ❖ Data Quality
- ❖ Data Integration
- ❖ Data Federation

Business Intelligence

Clients are enlightened when we use Business Intelligence (BI) tools to: expose new investment strategies, gain insight into trading patterns, and improve decision making power.

- ❖ Data Mining
- ❖ Data Analytics
- ❖ Reporting

Enterprise Data Management

We assist our clients to improve trust in data accuracy, eliminate redundancies, consolidate referential and transactional data while enabling customizable and distinct data views for business users, and navigating the uncharted waters of disparate data silos.

- ❖ Program Development
- ❖ Platform Development
- ❖ Market Data Optimization
- ❖ Master Data Management
- ❖ Metadata Management

Database Infrastructure

Advanti has architected database infrastructure and operating models capable of supporting high frequency trading, resource intensive research and analytical modeling systems, and large-scale back-office data warehouses.

- ❖ Infrastructure Architecture
- ❖ Operations and Administration
- ❖ Lifecycle Management
- ❖ Storage Architecture
- ❖ Performance Optimization
- ❖ DR / BC / HA
- ❖ Security and Auditing
- ❖ Monitoring
- ❖ Deployments / Release Management

Client Benefits

Client survey results show our databases are **fast, reliable, creative, and flexible**, we accomplish this through our proven best practices and proprietary development methodology.

By combining a little ingenuity, passion, and know-how, our clients tell us our work has benefited them through:

- ❖ **Timely responsiveness to market conditions** by enhancing database performance 1500% enabling our client to capture revenue generating opportunities
- ❖ **Growth of assets under management (AUM)** through the use of business intelligence and data mining algorithms
- ❖ **Decrease in cost for the purchase and management of market data** through the use of data consolidation, elimination of redundant data feeds, and efficiency of nightly batch cycles
- ❖ **Stronger focus on investment strategy innovation** rather than data stewardship through the collaborative design and integration of a data quality validation system
- ❖ **Reduction of failed trades** through the use of master data management (MDM) for centralization of reference data
- ❖ **Decrease in maintenance costs** through an off-shoring strategy that intelligently routes non-value-added maintenance requests to near and off-shore teams
- ❖ **Compliance with regulatory standards for security** through the integration of a data auditing component-based architecture, quantitatively proven to be a small footprint on server resources

About Advanti Solutions

Advanti is a technology consulting firm focused **exclusively** on financial institutions. We help our clients with their technology: strategies, software, data, people, processes, risk, and operations.

Our [client profile](#) consists of investment managers, private wealth managers, and hedge funds, with an average AUM of \$200B.

We are passionate about every challenge we take on and commit to unwavering success for our clientele.

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