VDURA for Financial Services

Secure your financial data with enhanced protection, unmatched durability, and optimized application performance.

Introduction

In the highly regulated and fast-paced financial services industry, data integrity and speed of access are critical. Financial institutions cannot afford to compromise on data management and storage systems, particularly when dealing with sensitive customer information, real-time transaction processing, and advanced analytics. The VDURA Data Platform is designed to meet these demands, providing an unparalleled combination of reliability, durability, and performance while scaling seamlessly to handle growing data needs in a secure and compliant manner.

Financial data solutions – evolved

The VDURA Data Platform enables financial institutions to optimize their data infrastructure by excelling in five key areas.

1. The gold standard in reliability and durability

Ensure continuous operations and maintain compliance with enhanced data protection and maximum system availability. VDURA's integrated safeguards protect against data breaches, corruption, and downtime, ensuring that mission-critical financial services are uninterrupted and secure.

2. Infinitely scalable performance and capacity

Accelerate financial transactions and analytics with a balanced parallel architecture that delivers infinitely scalable performance and capacity. VDURA's architecture ensures low latency and high-throughput performance necessary for real-time trading, risk management, and fraud detection, supporting the growing data demands of the financial sector.

3. A simple storage experience

Streamline operations with easy, centralized storage management and a minimal learning curve. A single storage administrator, without specialized IT knowledge, can efficiently oversee a VDURA environment, making it ideal for financial services that require agility and minimal operational disruption.

4. Intelligent data management

Enhance compliance and decision-making with advanced data management tools. The VDURA Data Platform's discovery and movement capabilities allow financial institutions to manage and mobilize data where and when it is needed most, facilitating regulatory reporting and strategic analysis.

5. Best-in-class TCO

VDURA's parallel architecture seamlessly integrates high-performance flash storage with cost-effective HDD tiers, supported by automated data placement and a unified management interface. This approach allows financial institutions to optimize their storage infrastructure, balancing performance with cost-efficiency to meet evolving business and regulatory requirements.

Financial services use cases

VDURA partners with leading financial institutions to transform data into secure, actionable insights.

Accelerate development of advanced trading algorithms

Algorithmic trading relies on complex models that integrate machine learning, time series analysis, and Bayesian statistics. VDURA's high-speed, cost-effective storage optimizes the development and testing of these sophisticated strategies.

Faster backtesting for larger datasets

Modern quantitative trading requires high-performance storage capable of rapid, high-capacity data access. VDURA accelerates end-to-end backtesting and Monte Carlo simulations, ensuring swift analysis even with expansive datasets.

Secure financial data and information

In an industry where privacy and regulatory compliance are critical, data security is paramount. VDURA's enterprise-grade features ensure integrity and availability of data.

Prevent storage failures from halting strategy validation

Storage-related downtime can severely impact the validation and testing of trading strategies. VDURA's reliable on-premises and hybrid solutions minimize disruptions, ensuring continuous productivity and protecting profitability

About VDURA

VDURA revolutionizes data storage and management in the financial services industry with a powerful and flexible Data Platform that delivers an unparalleled blend of performance, durability, and reliability.