

The challenge: Fragmented feeds, duplicate sourcing and rising costs

A functioning data feed is only the beginning. Financial institutions source market data from numerous sources - exchanges, vendors and internal systems. Each source delivers its own formats, field logic and update cycles. This leads to high costs from duplicate sourcing, reduced negotiating power and limited transparency regarding actual usage. In addition, heterogeneous interfaces and manual integrations complicate efficient downstream processing and create unnecessary dependencies on individual providers.

Unitek MDSphere acts as an intelligent proxy and control layer between data providers, internal sources and your applications. The platform consolidates heterogeneous source and provider landscapes, complements them with caching mechanisms and modern data warehouse approaches, and creates a clean, controllable architecture for your data integration.

Three core objectives in focus

Consolidate

Feeds are mapped to a generic, flexibly adaptable base data model. Field names and structures are harmonized. New feeds can easily be integrated.

Control

Rule-based configuration defines which source is leading for each field. Strategically cost-efficient providers are prioritized.

Create Transparency

All requests are logged and analyzed, enabling data-driven cost optimization.

What Unitek MDSphere offers

Feed Integration & Normalization

Vendor-agnostic integration connects external and internal feeds without dependencies. Data sources can be replaced in the background while Near-Time Alerting detects deviations.

Standardization & Flexibility

Field-level logic controls priorities and fallbacks for each field and asset class. Mappings and business logic can be adjusted flexibly via GUI or SQL.

Request Centralization & Performance

Central caching ensures stable, high-performance delivery. The platform remains reliably scalable even at high volumes.

Usage Center & Self-Service

Usage is evaluated by source, field and user, creating transparency. Business teams can analyze data themselves and trigger support cases directly.



Optional modules

- CalcSphere** Calculation of complex values like duration or yield 'on-the-fly' or persisted in MDSphere.
- Allocator** Usage-based usage allocation and limit setting to support budget compliance.

Competitive advantage through data excellence

Unitek MDSphere reduces complexity, lowers costs and creates control across your data landscape - through consolidation, control and full transparency. A central platform for standardized data flows and manageable usage in downstream systems.

With MDSphere, you gain cost transparency, standardization across all providers, flexible integrations and a sound basis for budget planning and provider negotiations.

Are you ready to optimize your market data strategy?

Contact our experts to discuss how MDSphere can be seamlessly integrated into your infrastructure.

✉ kontakt@unitek.ch

☎ +41 44 266 88 11

🌐 www.unitek.ch