

Market Data Works™

Collapse Your Market Data Development Costs

Making money in securities trading increasingly rests on the electronic processing of market data. But market data development remains, to date, an expensive, unwieldy proposition, because there have been no tools for efficiently evolving and testing market data-consuming software. Until now Enter Market Data Works.

The modern development and QA environment for market data

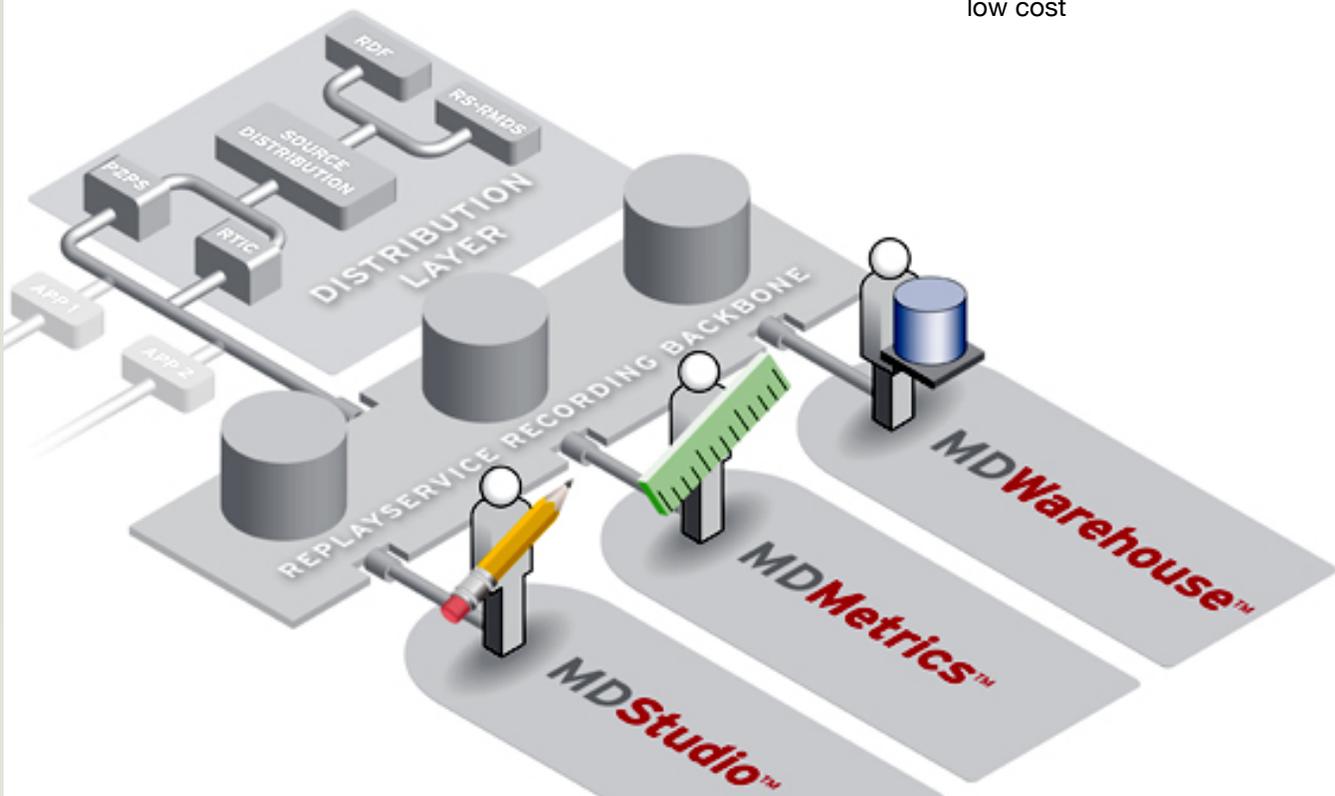
Market data development was once limited to the use of live data flowing on a development network, making the process both extremely expensive and insufficiently rigorous. Market Data Works upends this old paradigm by moving development away from costly, random live data and toward predictable, repeatable, and manipulable recorded data. This drastically increases development and QA efficiency by:

- Eliminating the need to pay real time exchange fees.
- Giving every user a simulated market data platform through which they can control the content and update rates of market data.
- Providing market data in any location, instantly and 24/7.
- Making developers self-sufficient with regard to market data.
- Cutting expenses on costly circuits, feeds, software and servers.
- Providing low-cost latency monitoring and tick capture capability.

Market Data Works is a low-cost market data development environment that will dramatically increase the efficiency of those groups developing with real-time market data.

Key Benefits

- Slash market data development costs
- Build more robust applications
- Bring applications to market faster
- Provide market data to global development teams quickly and at low cost





Tools for every market data user

Market Data Works features three components, each designed for a specific user group.

Market Data Studio

MD Studio gives developers and QA testers control of a simulated distribution platform through which market data recordings can be replayed directly into their applications.

- MD Studio simulates a P2PS, RTIC, or RDF feed from the Reuters RMDS platform when replaying.
- Users can modify content and update rules, allowing for systematic testing against specific historical or contrived market conditions.
- MD Studio can also replay data imported from Excel or proprietary sources such as Reuters Datascope Tick History.

Market Data Metrics

Designed for market data administrators and operations engineers, MD Metrics allows users to monitor latency and perform capacity planning exercises for RMDS platforms.

- Monitor latencies from the exchange and across RMDS infrastructure.
- The MD Metrics latency tool also provides audit and alerting capabilities. Its low-cost and pragmatic architecture makes it ideal for monitoring all the way to the desktop.
- For capacity planning exercises, MD Metrics acts as an RDF feed handler, allowing hundreds of thousands of updates to be applied to the RMDS hub in a controlled and repeatable manner.

Market Data Warehouse

MD Warehouse is a low-cost, fault tolerant, production-level platform for users needing to capture market data in a relational database.

- Simple to operate and highly performant, MD Warehouse is able to persist updates, snapshots, and bar data in arbitrarily complex schema.
- MD Warehouse allows for highly configurable data capture, with content manipulation, multi-table explosion, filtering and field computation.

These three components share a common recording infrastructure called the **recording backbone**. Through this central backbone, all recordings are made available to every Market Data Works user without need for duplication of recordings.

Market data development for the 21st century

Market Data Works is leading the way to a new era for market data development, one which dramatically lowers the overall cost of market data development and modernizes the approach to testing and debugging market data applications and infrastructure.

A revolutionary development tool that is lightweight, easy to use, and remarkably cost-effective, Market Data Works is changing the way the world thinks about market data development.

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