

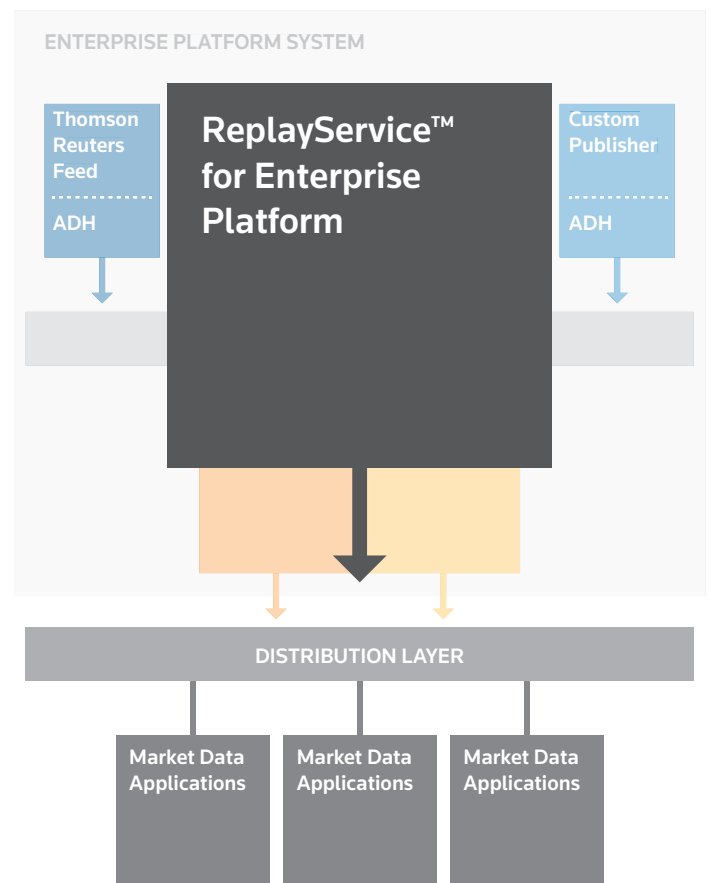
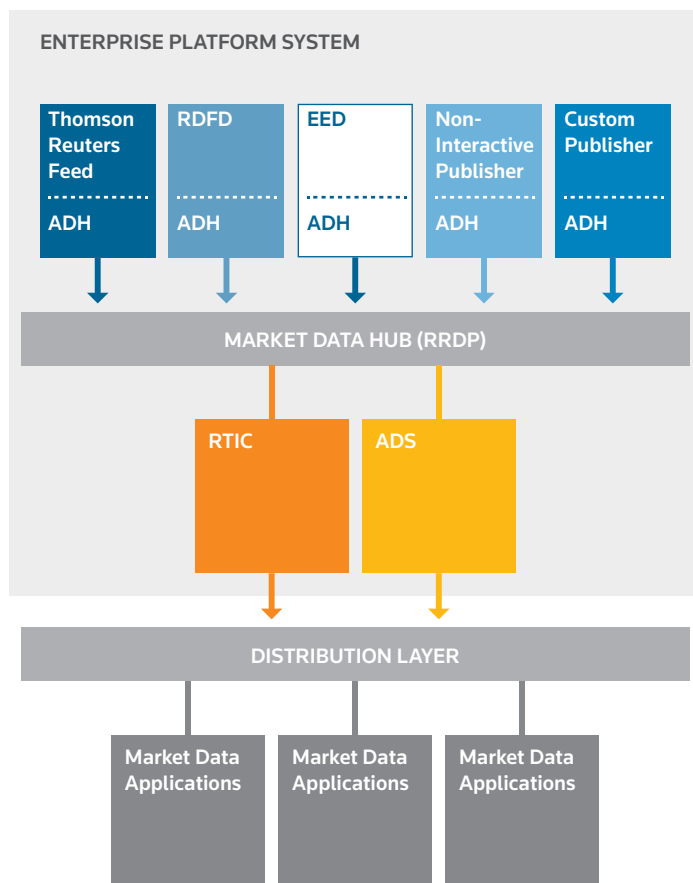
# OVERVIEW OF REPLAYSERVICE™ FOR THOMSON REUTERS ENTERPRISE PLATFORM

ReplayService™ for Thomson Reuters Enterprise Platform is a standard development and test facility when working with Thomson Reuters market data. ReplayService™ is used in a variety of development scenarios to test applications and infrastructure and analyze market data content.

It dramatically improves your efficiency when working with data flowing on a Thomson Reuters market data platform. The software allows for various market data scenarios to be replayed on demand, providing the ability to modify the data content as well as adjust the timing of the data. ReplayService™ simulates a Thomson Reuters market data platform when replaying, so that applications under test can connect to ReplayService™ and do not require a market data platform.

## PRIMARY BUSINESS BENEFITS

- Eliminates exchange fees
- Dramatically improves developer productivity
- Test for infrequent or “black swan” market data scenarios
- Validate trading algorithms
- Reduce production failures
- Analyze and resolve market data content issues
- Test infrastructure capacity and latency
- Compare data from different feeds
- Perform remote development and QA without need for market data infrastructure



**BENEFITS GO BEYOND TESTING**

**Sales and Support Training**

- Perform product demonstrations using recorded market data without requiring a Thomson Reuters Market Data platform

**DEBUGGING FEATURES**

- Single step, run until, run from here, pause, speed up and more
- Adjust data in-line
- Insert error and status messages
- Fully programmable command line interface for building automated tests
- Scripting environment for transforming data content and creating market data scenarios

**CORE FEATURES**

- Allows any data range to be selected for replay
- Preserves timing relationships between updates during replay
- Update rates can be compressed, expanded or paused during replay on an ad hoc basis
- Keeps a historical tick-by-tick database: allows for the migration of data to relational databases
- Large file based storage: up to 2 exabytes – no storage configuration required
- Market data files can be easily copied and moved, allowing Enterprise Platform testing in any location, even on standalone workstations or laptops
- Datastore can be purged while recording and replaying
- Provides statistics on stored and replayed messages
- Supports initialization of market data applications through data dictionary downloads and initial value snapshots
- Heartbeats and source status messages support market data semantics
- GUI interface, command line shell and Administration API
- Lightweight – runs on a laptop and most other hardware

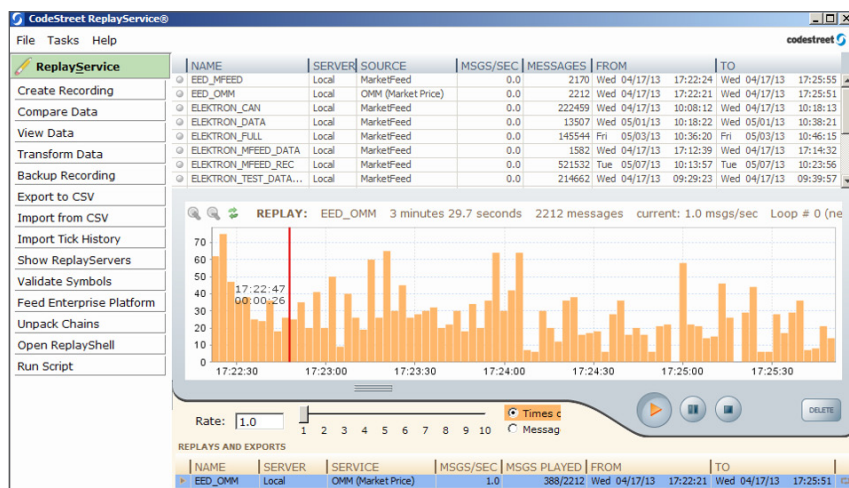
**WHY REPLAYSERVICE™ OVER A DELAYED FEED:**

- Repeatedly replay market data scenarios
- Preserve timing relationships between updates
- Inject current system time into the data
- Create market scenarios by modifying existing data
- Inject error and failure conditions
- Accelerate update rates for stress testing
- Pause, single step and run until features
- Cost efficient
- Increase developer productivity
- Automated regression testing
- Assists with efficient User Acceptance Testing (UAT)

**PLATFORM SUPPORT**

ReplayService™ for Enterprise Platform is available on the following platforms:

- Windows XP-SP2 (or later) and Windows Vista
- Windows 7 (x86/x64)
- Windows Server 2003 R2
- Windows Server 2008 R2 (x86/x64)
- Red Hat Enterprise Linux 4/5/6 (x86/x64)
- SUSE Linux Enterprise Server 9/10/11 (x86/x64)
- Solaris 8/9/10 (SPARC)
- Solaris 10/11 (x86)



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