

THOMSON REUTERS ENTERPRISE PLATFORM FOR REAL-TIME INTERFACE FOR ITRS GENEOS

REAL-TIME PERFORMANCE MONITORING OF MISSION-CRITICAL TRADING INFRASTRUCTURE



ELEKTRON COMMUNITY PARTNER

MARKET VIEW

Globally, financial firms are challenged by the growing cost and complexity of running high-performance trading infrastructures, as well as the increased regulatory pressure to manage the operational risk of potential systems outages. They need to obtain real-time end-to-end visibility of systems' performance to maintain service quality in terms of speed, capacity and reliability. The importance of being able to quickly identify and respond to problems within the business and external to the enterprise, is greater than ever.

THE SOLUTION

Thomson Reuters has teamed with ITRS Group to deliver real-time monitoring and management of financial institutions' market data, trading and risk management infrastructure.

The Thomson Reuters Enterprise Platform for Real-Time interface for ITRS Geneos enables firms to monitor the state of external execution venues and incoming order flow. It provides early warnings of impending problems to help prevent disruptive outages so firms can quickly determine whether a problem is inside or outside their IT perimeter and take appropriate action.

The capability provides real-time visibility into the performance of the Thomson Reuters Enterprise Platform for Real-Time, and includes features such as data capture capabilities for load balancing metrics to ensure continuous system optimization.

ITRS GENEOS

- Provides integrated, proactive, real-time monitoring for every aspect of a trading infrastructure including applications, network interfaces, proprietary appliances, databases and servers
- Supports a single solution for monitoring application behaviors and workflow characteristics such as market data and transaction latency across the trade lifecycle
- Acquires and manages the real-time performance value required to create meaningful alerts before issues become critical, and route them to the right people to resolve
- Creates a strategic corporate data asset from real-time performance metrics

FEATURES

- Enables operations teams to manage multiple mixed Thomson Reuters Enterprise Platform and Reuters Markets Data System environments through an enterprise-wide management framework, for all versions of Thomson Reuters market data distribution systems
- Presents a history of performance values from monitored elements, detailing performance changes and use characteristics for subsequent analysis
- Features pre-configured and full graphical views of the Enterprise Platform
- Seamlessly incorporates Thomson Reuters Management Class (TRMC) parameters for Enterprise Platform or any predecessor Reuters Markets Data System components
- Allows multiple geographically dispersed Enterprise Platform and predecessor Reuters Markets Data System environments to be monitored centrally

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BENEFITS

Real-Time Visibility

Business analysts can gain greater certainty and control over the distribution of market and reference data to support business critical trading processes. They can also see in real-time that all the market data sources being acquired and distributed through the Enterprise Platform for Real-Time are fully available across the trading infrastructure. The 'drill down' capability provides both a high level global view and detailed local view of information.

System Management

The Enterprise Platform for Real-Time interface for Geneos allows system managers to provide an immediate assessment of the impact, at a business level, of both internal system issues and external events such as an outage at an exchange, as well as automate routine monitoring. With Geneos, processes can either be restarted automatically or initiated manually ensuring that operations teams always follow the same procedures.

Performance Monitoring

Operational staff are able to understand how a whole system or service that includes Enterprise Platform real-time market data is performing on an end-to-end basis and drill down into detailed metrics on Advanced Data Hub (ADH), Advanced Distribution Server (ADS), RTIC, and RRCB backbone.

Latency Analysis

The Enterprise Platform for Real-Time interface for Geneos can analyze data latency between different market feeds, presenting system managers with a continuous picture of relative update rates and overall performance. This provides vital information for operations and development staff who need to understand the intraday characteristics of the market data feeds driving their trading applications.

About ITRS

ITRS Group is the leading provider of risk mitigation solutions to global financial institutions. It leads the way in extending real-time monitoring into a comprehensive operational and service management solution. ITRS's products are specifically designed to reduce service disruption, improve IT efficiency, and ensure that critical operational processes are executed as planned, protecting against both business reputation and trading risks.

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