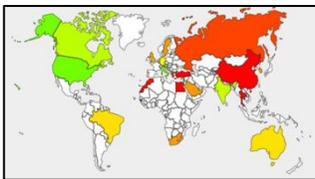


# Riverbed SteelCentral AppInternals

BIG DATA-DRIVEN APM

SteelCentral AppInternals is a Big Data-Driven Application Performance Management (APM) solution. It combines end user experience monitoring and end to end transaction monitoring together with the power of Big Data Analytics for market-leading capabilities for Java, Microsoft .Net, web, virtual, cloud, and big data applications.

## End User Experience Monitoring



AppInternals end user experience monitoring identifies **who** is having application performance problems. AppInternals end user experience monitoring captures page view performance data from client browsers and stores and indexes it for search and analysis. It supports two primary views, Front End and Geographic View.

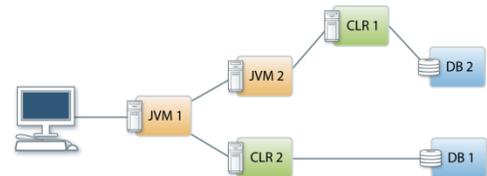
- Front-End View shows application's customer-facing performance:
  - Length of the average response, number of page views loaded and a quality score
- The Geographic View shows performance and use for the selected time range
  - Displays page views information in particular countries or drill-down into regions
  - Displays red for areas that have the greatest delays or heaviest use

End user experience monitoring enables drill down from either high level view to see specific page view data:

- Sorted by Response Time, Time to First Byte, or Download and Render Time
- Displays a scatter plot of total response time and a table of transactions results

## High Definition End-to-End Transaction Tracing

AppInternals end-to-end transaction tracing identifies **what** an application performance problem is. It provides code-level visibility into every user transaction and displays a complete map of transactions passing through Java Virtual Machine or .NET CLR physical and virtual servers.

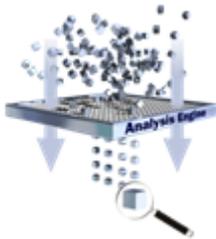


AppInternals shows the call-by-call sequencing of all activity within your application, which includes the timing and sequencing of method calls and is based on Riverbed's patented minimum overhead, non-intrusive instrumentation technology.

AppInternals End to End Transaction Tracing:

- Provides low overhead enables always-on tracing that is ideal for production environments
- Easily finds bottlenecks or problem areas of an application
- Works with third party applications and services which means you don't need the third party source code
- Enables drill down from a trace into the associated source code which can be opened in Eclipse or Visual Studio

## Big Data Analytics



AppInternals Big Data Analytics identifies **everywhere** an application performance problems exist. AppInternals stores the code-level transaction trace information gathered by agents deployed within instrumented application servers and stores it in its big data Transaction Trace Warehouse. It then makes them available for search, correlation, and analysis through a web-based user interface.

AppInternals Big Data Analytics:

- Stores and indexes months of transactions that span application tiers with code-level granularity
- Supports correlation of an application performance problem root cause using billions of transactions in seconds
- Enables search based on a range of metrics including:
  - Time range, URL, SQL command and bind variables, Server, User, Class name

## The Fastest ROI through the Shortest Mean-Time-To-Repair

But don't take our word for it. Here's what our customers are saying:

- 42% of surveyed IT organizations achieved MTTR of 10 times faster or better since deploying AppInternals. **2014 TechValidate survey of 60 current AppInternals users**
- "We reduced outages by 80% within 30 days with AppInternals" **VP of IT, Major Broadcasting Company**
- "We saw a 20% reduction in recurring issues!" **Director of Operations, Fortune 50 Manufacturing Company**
- "We avoided a 7 million-dollar mistake!" **Fortune 500 Pharmaceutical Company**
- "It took us 4 months to get to where you are in 3 days!" **IT Manager, Major Airline**
- "We used to spend the majority of the analysis phase determining ownership and isolating the problem to a specific area. With AppInternals, we reduced the turnaround time by 50% while reducing head-count utilization by 25%." **Application Manager, Fortune 50 Manufacturing Company**
- ""AppInternals helps us immediately identify performance slowdowns and resolve any application-related performance problems before our members are even aware of them." **CIO, AAA (Missouri)**
- "With the faster response times achieved with AppInternals we can execute more trades, and generate more revenue." **IT Manager, Major Investment Bank**



## A Comprehensive Performance Management Solution



IT performance management isn't just application performance management or network performance management. Comprehensive performance management requires both.

Riverbed Performance Management provides a fully integrated solution to cover a wide range of application and network performance needs. AppInternals tightly integrates with the AppResponse Application-Aware NPM solution which analyzes application performance and behavior for network transactions.

AppInternals also integrates with Riverbed's Steelhead, SteelFusion, SteelApp and SteelStore to provide industry-leading application performance management and optimization solutions for Location-Independent Computing.

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## About Riverbed

Riverbed delivers application performance for the globally connected enterprise. With Riverbed, enterprises can successfully and intelligently implement strategic initiatives such as virtualization, consolidation, cloud computing, and disaster recovery without fear of compromising performance. By giving enterprises the platform they need to understand, optimize and consolidate their IT, Riverbed helps enterprises to build a fast, fluid and dynamic IT architecture that aligns with the business needs of the organization. Additional information about Riverbed (NASDAQ: RVBD) is available at [www.riverbed.com](http://www.riverbed.com).