

AppResponse xpert™

Eliminate Application Performance Problems

AppResponse Xpert provides an integrated approach to end-user experience monitoring and application performance management. AppResponse Xpert detects service level violations, and then bridges seamlessly into uncovering the root-cause of application performance problems. It provides complete visibility of all transactions and users across the enterprise, with detailed real-time and historical information about end-user response times for enterprise applications (e.g., Microsoft Exchange, SAP, Oracle), web applications, and composite applications across J2EE, .NET, and other environments. AppResponse Xpert automatically summarizes data according to applications and user-defined business groups (e.g., departments, campuses) so that results are presented in a way that is meaningful to the business.

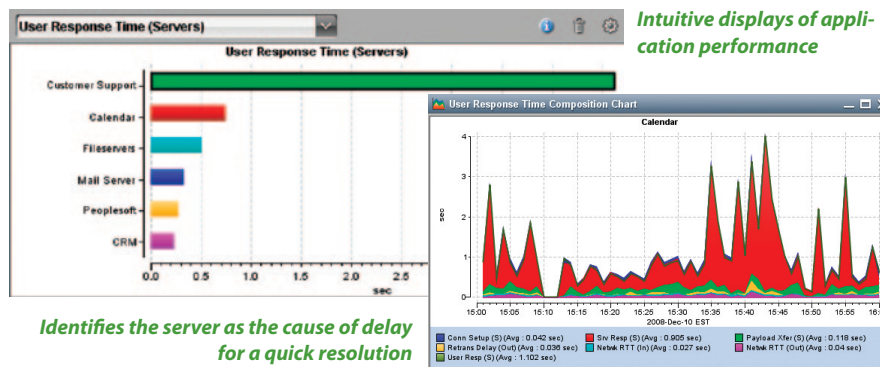
Intuitive Dashboards and Reports

The AppResponse Xpert dashboard automatically baselines performance and utilization. The application performance impact of any problem is immediately apparent, so you can rapidly prioritize your troubleshooting efforts according to what matters most to the business. AppResponse Xpert also includes:

- Graphical displays breaking down application response time into components (network, server)
- Visual display of application flows between business entities
- Simple, guided workflows for commonly executed tasks, such as checking for bandwidth hogs or applications that do not meet pre-defined SLAs
- Dynamic, adaptive thresholds that are established automatically through learning normal values of Key Performance Indicators (KPIs)

Application	Belgium Office	CA Office	France Office	HO Internal LAN
CRM	99.4%	100%	89.0%	80.0%
CALENDAR	100%	85.6%	100%	46.9%
INTRANET PORTAL	100%	98.5%	100%	99.0%
PEOPLESOFT	100%	100%	100%	100%

Executive dashboard of real-time performance



Identifies the server as the cause of delay for a quick resolution

Intuitive displays of application performance

Network Metrics

AppResponse Xpert records over 60 network metrics including:

- End-user response time, utilization, and network congestion measurements from TCP/IP header information
- Route quality, AS, and ISP performance information from BGP, traceroute, and whois
- Packet-level data from scheduled, on-demand, or continuous packet captures

Benefits

- Easily troubleshoot poor performance with intuitive reports and dashboards, meaningful to operations, management, and support teams
- Immediately identify which applications and which users are affected to assess business impact
- Monitor the performance, security, and availability of your entire application infrastructure
- Baseline and validate network changes: WAN/application acceleration, MPLS migration, server consolidation, firewall upgrade, etc.
- Low cost of ownership: Easy to install, easy to use, immediate results

Features

- 24x7 application monitoring with historical trending
- Agentless deployment
- Intuitive, easy-to-use, user interface
 - One-click guided workflows
 - Web-based dashboards
- Automatically diagnoses applications out-of-the-box
- Accurately identifies source of application delay
- Dynamic thresholds – learns abnormal behaviors
- High volume packet capture
- Efficient long-term data storage for forensic analysis
- Supports Financial Information eXchange (FIX) protocol
- Virtual appliance options for low cost solutions at remote sites

AppResponse Xpert VMon

AppResponse Xpert VMon restores visibility of all the communications for the applications that are hosted on virtual servers, including communications within the physical server as well as traffic to and from systems. AppResponse Xpert VMon is a self-contained virtual appliance that includes the same industry leading real-time monitoring and troubleshooting as OPNET's hardware-based AppResponse Xpert appliances, with analytics that automatically identify the root cause of application performance problems.

VoIP Performance Monitoring

The AppResponse Xpert VoIP Monitoring module supplies real-time and historical data in a business context about both application performance and call quality. The VoIP monitoring solution is based on real application traffic and voice calls with the ability to drill-down to the underlying problem source and understand the interaction of voice and data traffic.

NetFlow Monitoring

AppResponse Xpert's NetFlow monitoring module offers real-time end-user response data and utilization metrics in a unique unified view and in a single appliance. It enables you to extend visibility into network capacity including branch-office-to-branch-office traffic. The AppResponse Xpert NetFlow module provides wide-coverage with a very small footprint.

AppResponse Xpert on Riverbed Services Platform (RSP)

AppResponse Xpert on RSP provides real-time end-user experience monitoring and visibility into application performance within Riverbed Steelhead deployments. AppResponse Xpert on RSP runs within a Riverbed Steelhead appliance and allows enterprises to deploy best-of-breed network and application performance monitoring at remote sites without the need for an expanded branch-office hardware footprint.

The AppResponse Xpert Advantage: Rapid, Integrated Troubleshooting

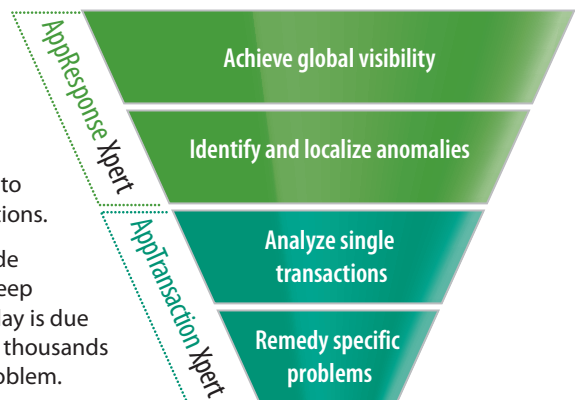
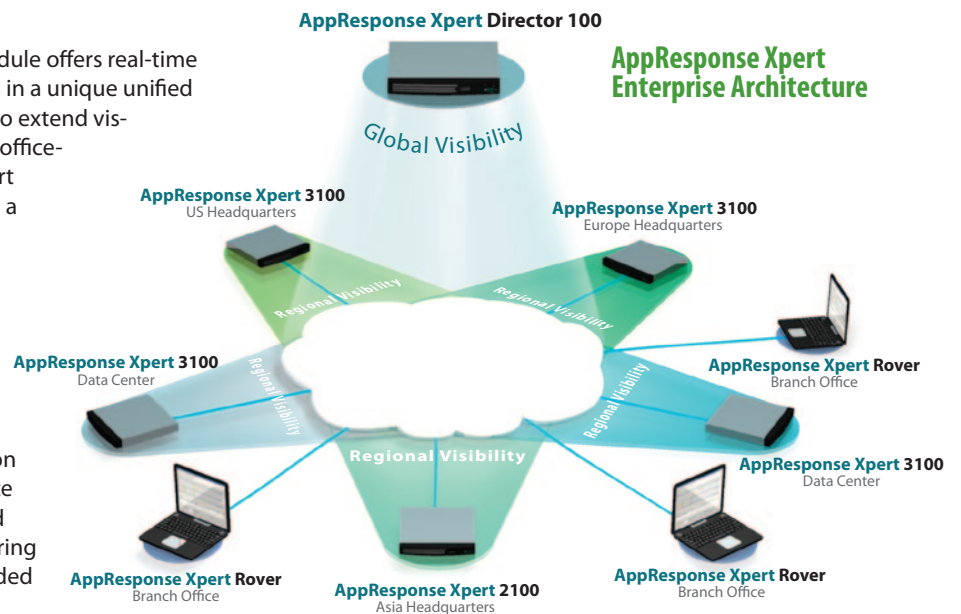
AppResponse Xpert uniquely features rapid, integrated, and detailed transaction-level troubleshooting with OPNET's AppTransaction Xpert, which is widely recognized as the industry's most powerful analysis software for networked applications. AppTransaction Xpert embeds expert knowledge about network protocols and application behavior as seen from a network perspective, providing a comprehensive understanding of the end-to-end performance of networked applications. The combination of AppResponse Xpert and AppTransaction Xpert enables you to identify and localize performance issues, perform triage across all transactions, and then analyze individual transactions to pinpoint and remedy specific issues before they severely affect business operations.

AppResponse Xpert also features integration with AppInternals Xpert, to provide seamless drill-down into the database, web server, and application server for deep troubleshooting. Once AppResponse Xpert has identified that the source of delay is due to the application or a server issue, AppInternals Xpert automatically correlates thousands of application, database, and server metrics to identify the root cause of the problem.

OPNET's APM solutions are used extensively in the pre-production or QA environment for proactive analysis of application performance, so problems can be detected and fixed before they are introduced into the production environment.

“
As the global network manager, I didn't want to spend my time analyzing network traffic; [AppResponse Xpert] does the work for us and puts our team at ease so we can focus on planning strategic IT projects that impact our business.”

Steve Kamvissis
Global Network Manager
Coty, Inc.



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