

# AppDynamics: The Next Generation of Application Performance Management

Distributed web applications often contain frustrating blind spots and mysterious, recurring problems. Only AppDynamics delivers the simplicity, visibility and problem-solving firepower that IT professionals require.

## Key Features

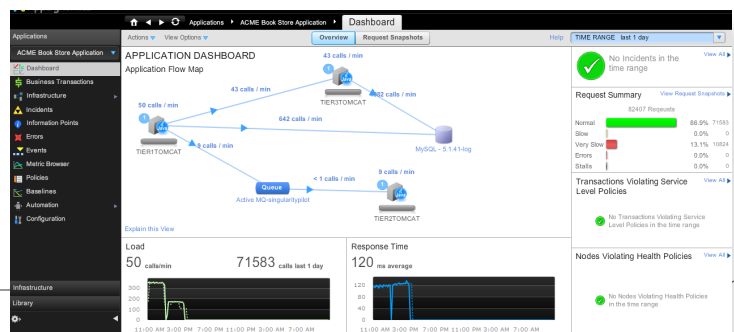
- **APPLICATION MAPPING:** AppDynamics provides dynamic discovery of application services, infrastructure tiers and business transactions, as well as live visualization of all topologies and transaction flows.
- **POLICY ENGINE:** Manages service levels at each level of the application, including overall application and business transaction performance; includes dynamic baseline capabilities.
- **TRANSACTION FLOW MONITORING:** Out-of-the-box dashboards allow easy visualization and troubleshooting of overall application performance.
- **DEEP DIAGNOSTICS:** AppDynamics enables users to get the details they need to diagnose root cause, offering an incident workbench, deep-on-demand call graphs, and comprehensive data collection.
- **CLOUD ORCHESTRATION:** Dynamically provision application resources to respond to real-time demand and service level requirements. Policy-driven workflows can be triggered to automatically address problems and ensure the continuous operation of application services.

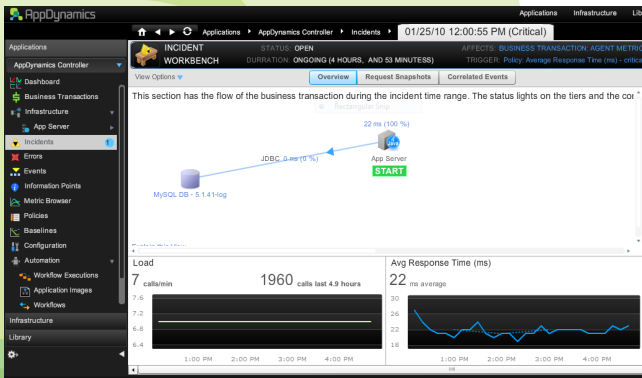
The new world of distributed Java and .NET applications has created a whole new set of challenges for those tasked with ensuring application health and performance. With the shift toward service oriented architectures (SOA), virtualization, and cloud computing, applications now operate in more distributed, complex, and rapidly changing environments. As a result, the obvious advantages of web applications are compromised by performance problems that are often difficult to identify, diagnose, and fix. As the old saying goes, “you can’t manage what you can’t see”—and it’s often difficult to resolve problems if end-to-end transaction flow isn’t visible and application blind spots exist prevent smooth troubleshooting.

As web applications have become revenue-critical, it’s more important than ever to have a simple yet fast way to monitor, diagnose, and fix application performance problems before they impact the business.

## INTRODUCING: APPDYNAMICS

Founded in 2008, AppDynamics is a next-generation Application Performance Management (APM) company that delivers rapid problem resolution for highly distributed applications through easy-to-use transaction flow monitoring and deep diagnostics. Unlike other APM providers, AppDynamics finds the root cause of performance problems without introducing excess overhead or requiring a complex and costly installation. AppDynamics is also the first APM provider to dynamically scale applications in cloud, virtual, and physical environments.





**WHO IS IT FOR?**

- IT Operations
- Production Support
- Developers
- Anyone whose phone rings when the application is having problems

**PROBLEMS SOLVED**

- Slow response time
- Memory leaks
- Stalls
- Deadlocks
- Thread contention problems
- Slow database response
- Database connection pool errors

**SUPPORTED ENVIRONMENTS**

**J2EE Server/Java Infrastructure Support:**

Websphere | Weblogic | JBoss | Tomcat | Glassfish | Jetty | OSGi.

**JVM Support:**

Sun Java 1.5, 1.6 | IBM JVM 1.5, 1.6 | JRockit 1.5, 1.6.

**Transaction Identification, Discovery and Customization:**

Servlet/JSP 2.x | Spring Beans 2.x | EJB 2.x, 3.x | JMS 1.x | Struts 1.x, 2.x | Spring MVC.

**JMS—Asynchronous Transaction Correlation:**

IBM MQ 6.x, 7.x | Weblogic & Websphere Embedded JMS JBoss MQ | Fiorano MQ | Progress Sonic MQ | Active MQ

**Distributed SOA Support:**

Axis 1.x, 2.x | Weblogic JAX-WS/JAX-RPC | Websphere JAXWS/JAX-RPC | CXF 2.x | XFire | JBoss Native Stack

**Database Support:**

Oracle | MS SQL Server | IBM DB2 | Postgres | MYSQL

**WITH APPDYNAMICS, YOU CAN:**

- **Eliminate application performance blind spots.** Get complete visibility of the end-to-end transaction flows across highly distributed environments—and let AppDynamics auto-discover it all for you, even when new code is introduced.
- **Identify potential performance problems before they impact end-users.** Establish performance baselines and automatically identify anomalies, giving you the ability to resolve issues before there is a business impact.
- **Go both wide and deep.** AppDynamics not only discovers your entire application—it also brings to bear deep-on-demand diagnostics that uncover the root cause of problems at the method and class level.
- **Resolve capacity problems automatically.** AppDynamics measures your application performance against observed baselines and dynamically allocates application resources whenever demand exceeds capacity. This means you can leverage the economics of cloud and virtual environments by scaling up and scaling down as needed.
- **Get up and running quickly—stay within budget.** No need to hire and pay for a herd of consultants. It's an easy install—and you can be deployed in a matter of a few hours.

**WHAT MAKES APPDYNAMICS DIFFERENT? IT'S SIMPLE:**

**Wide AND Deep visibility at the same time**

- Built for highly distributed/SOA applications
- Auto-discovers application map in minutes
- Business transaction-centric, not component-centric
- Code-level diagnostics, with low overhead

**Built for Cloud**

- Monitors performance and capacity of cloud applications
- Dynamically scales applications in cloud, virtual and physical environments
- Able to Monitor AND Act
- Performs beautifully in high-volume production environments

**Easy to deploy and use**

- Delivers value in minutes
- “Google Traffic Map” approach to monitoring
- Automates service level policies via Dynamic Baselines

Take our Tour—and ask for our Free 30-Day Trial at [www.appdynamics.com](http://www.appdynamics.com)



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