



# AutoPilot *M6*

Application Performance Management across distributed and mainframe tiers

If you're like most application owners or enterprise architects today, one of the biggest challenges you face is ensuring peak performance and high availability for the complex, multi-tier applications that drive your company's business.

You probably have to comply with service level agreements (SLAs) and government-mandated regulations for compliance, transparency and reporting, as well.

*If something is going to impact your business applications, you need to **know before** your customers and business processes are **impacted**.*

**You need to act...not react...**

## Visibility, Prediction and Performance

Nastel's AutoPilot® M6 provides the visibility, prediction and performance you need to proactively maintain the performance of complex applications.

AutoPilot M6 provides:

- Visibility**
  - Real-time, 360° situational awareness™ of your application, the middleware that interconnects them and the transactions they invoke—in order to reduce risk and maximize service
- Prediction**
  - Instantly know when you are veering from “business normal” to “business abnormal” - take action before it hurts
- Performance**
  - Ensure peak performance —at a lower cost and with less impact to your staff and customers.

With AutoPilot M6 you can be confident of consistently meeting your critical SLAs and regulatory compliance requirements for applications as diverse as payment, EFT, trading, settlement, compliance, patient data transmission, healthcare claims processing and retail order management.

## Powered by a Sophisticated, Virtualized Complex Event Processing Engine

Complex Event Processing (CEP) is an important enabling technology for Nastel's Business Transaction Performance™ capabilities. Our implementation of CEP, together with our statistical baselining, policy engine and wizard interface enables customers to easily define "business normal" and "business abnormal conditions". Thus, delivering governance for application performance.

The distributed Complex Event Processing (CEP) engine that forms the core of AutoPilot M6 combines real-time rules engine processing with , unique time-based trend recognition, pattern matching and predictive problem prevention capabilities. It is also highly available due to its grid-based architecture.

Nastel's implementation of CEP can process millions of metrics, rules and messages per second and correlate operational and transactional data in a business context – delivering what Nastel refers to as real-time 360° situational awareness™.

In addition, AutoPilot M6 can collect, aggregate, filter and correlate metrics and events from infrastructure systems with data from external sources such as RSS and news feeds and even email messages. Uniquely, AutoPilot has the ability to broadcast stories, a form of a real-time alert, over private Twitter networks – in today's evolving IT landscape where Cloud Computing is finding more proponents, this technology is especially valuable.



*AutoPilot M6's powerful CEP engine aggregates and correlates real-time and historical data from across the enterprise to provide 360° situational awareness.*



## Dynamic Events, User-tailored Business Views

AutoPilot M6 gives you the power to define business-related policies created in real time based on the business rules and conditions you specify. Only AutoPilot puts you in complete control of your entire business application infrastructure. It lets you ensure that your users, both in the IT shop and business units, receive actionable alerts that are relevant to their roles.

### AutoPilot M6 offers:

- ❑ Monitoring and instrumentation for Java and non-Java applications
- ❑ User-defined rules, alerts, policies and KPIs
- ❑ User defined Business Views
- ❑ Fully distributed CEP engine with distributed policies and statistical baselines
- ❑ Web-based operators console, UNIX based console support
- ❑ Robust, granular security, authentication and access control
- ❑ Integration with enterprise system management platforms
- ❑ Java SDK for application instrumentation
- ❑ Real-time performance monitoring and visualization
- ❑ Data Center view of your entire infrastructure

## Coverage Across a Wide Range of Platforms

AutoPilot M6's flexible service oriented architecture (SOA) and library of plug-and-play modules can be used for monitoring a wide array of technologies, including:

- ❑ J2EE Application Servers (WAS, JBoss, WebLogic, Oracle, Sun GlassFish)
- ❑ Java Applications, C, C++
- ❑ .NET
- ❑ SNMP, URLs, Web Services, log files
- ❑ TIBCO EMS, RV
- ❑ DB2, Oracle and MS SQL Server databases
- ❑ IBM WebSphere Business Integrator, Message Broker
- ❑ IBM WebSphere MQ

## Rapid Adaptation to Change

AutoPilot M6's unique, wizard-driven Application Instrumentation Module (AIM) rapidly brings legacy, home-grown and third-party applications under AutoPilot's control.

AIM allows you to customize a complete complex application performance management solution that addresses the explicit needs of your unique IT environment. And it scales and evolves as your systems and application performance management needs do, giving you the ability to rapidly adapt to changes whenever and wherever they occur.

## A Flexible, Secure Solution

In addition to its advanced, virtualized Complex Event Processing (CEP) capabilities, AutoPilot M6 features integrated Business Activity Monitoring (BAM) support, and integration with industry standard security management systems including LDAP and Kerberos, a customizable dashboard, and a flexible reporting facility.

## Powerful Customizable Dashboard

The sophisticated AutoPilot Dashboard gives you a complete, end-to-end graphical view of the health and current performance of your business applications.

AutoPilot M6's provides several essential benefits to your business:

- 1) It delivers unprecedented visibility into the infrastructure underlying your business applications and the impact your application portfolio has on your business.
- 2) AutoPilot M6 predicts problems enabling you to take action before users and business processes are impacted.
- 3) It ensures the performance and availability of your business applications at a lower cost.

Together deliver your firm receives the business benefits of reduced costs, improved service and better managed risk. AutoPilot M6 gives you the power to meet your toughest SLAs and *drive your business transaction performance*™.



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