



AutoPilot®

Middleware-Centric
Application Performance
Management



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AutoPilot® M6 Overview



www.nastel.com

Middleware-Centric Application Performance Monitoring

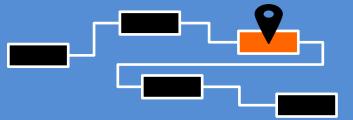
Real-time Analytics, Application Performance & Transaction Monitoring











AutoPilot® CEP Policy Engine











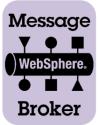


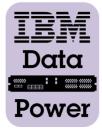
























AutoPilot® CEP Plugins



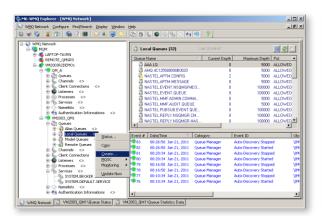
AutoPilot® M6 for WebSphere MQ Overview



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AutoPilot® for WebSphere MQ - 3 x "M"

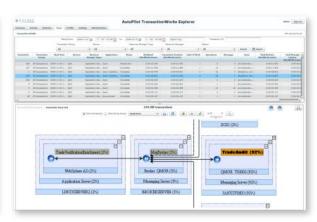
WebSphere. MQ MANAGEMENT

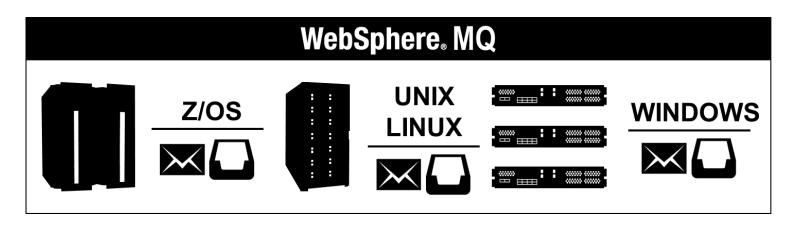


WebSphere. MQ MONITORING



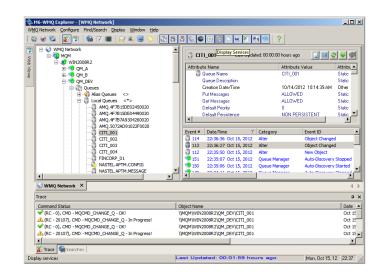
WebSphere. MQ MESSAGE TRACKING

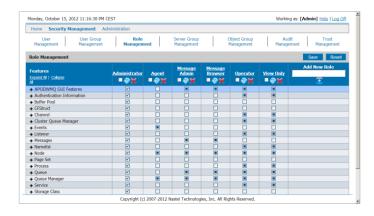




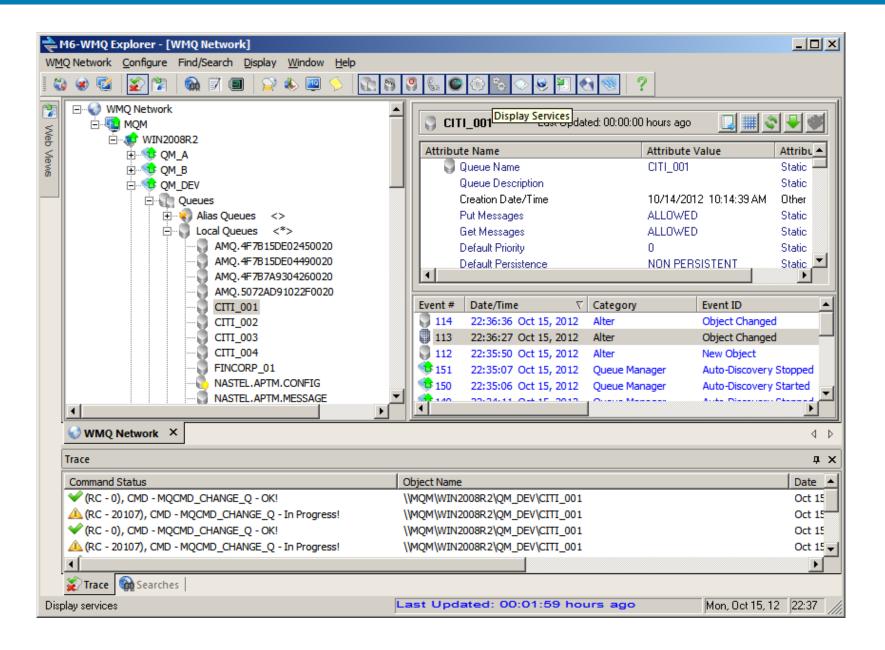
WebSphere MQ MANAGEMENT

- ▲ Auto discovery of WMQ objects
- Automatic Configuration Management
- ▲ Audit trail & Rollback of changes to WMQ objects
- Agent and Agent-less management
- ▲ Message Management & Search
- ➤ View, Edit, Move, Copy, Delete, Re-route, DLQ handling
- Secure, Self Service WMQ Management - worry-free, highly controlled delegation of selected admin tasks to Application Developers and Operations teams





AutoPilot® for WebSphere MQ: Management

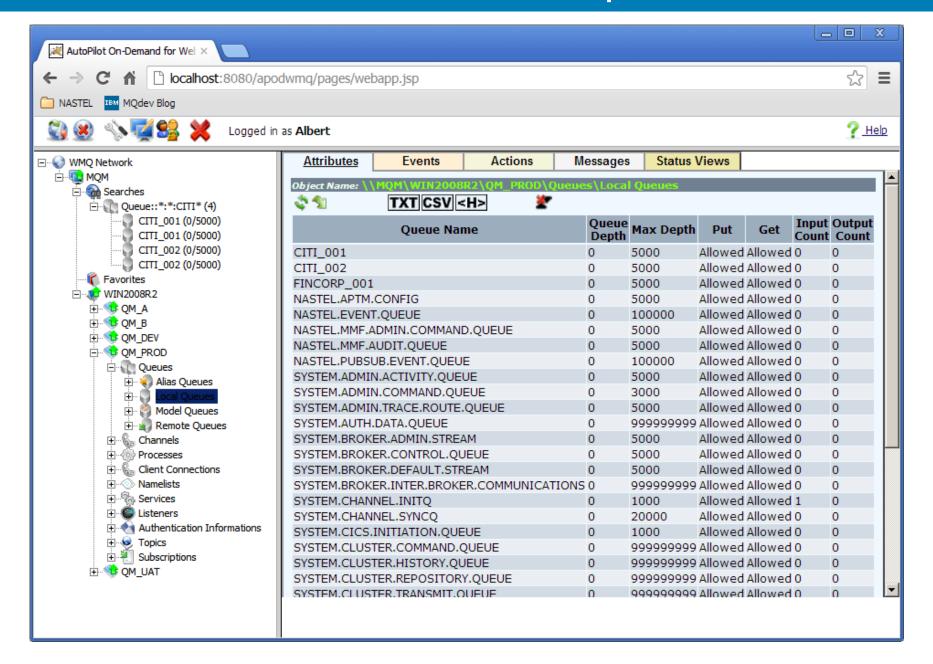


AutoPilot® for WMQ: Highly Granular Security

Monday, October 15, 2012 11:16:30 PM CEST Working as: [Admin] Help | Log Off **Security Management** Administration Object Group User Group Role Server Group Audit Trust User Management Management Management Management Management Management Management **Role Management** Reset Save **Add New Role** Message Message Features Administrator Agent Admin Browser **Operator** View Only Expand All | Collapse Ŧ ■ �� 🗙 ■ �� 💥 **■** �� 🗙 V ♣ APODWMQ GUI Features V ♣ Authentication Information V ♣ Buffer Pool V ♣ CFStruct V Channel V + Cluster Queue Manager V ♣ Events V 口 口 + Listener V Messages V + Namelist V ♣ Node V Page Set V Process V Queue V + Queue Manager ♣ Service V V Storage Class

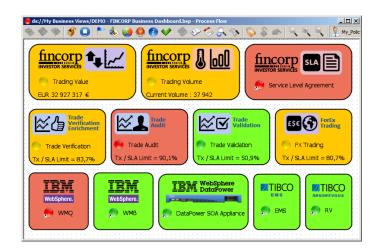
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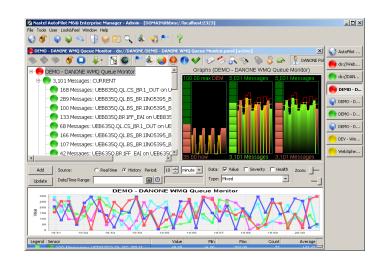
AutoPilot® On-Demand for WebSphere MQ



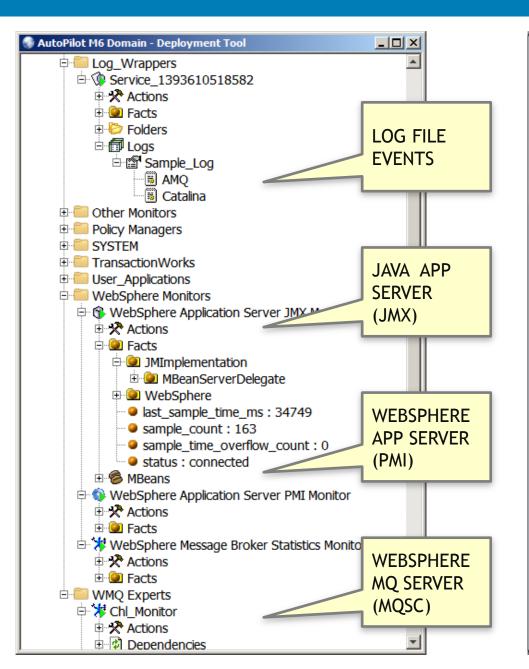
WebSphere MQ MONITORING

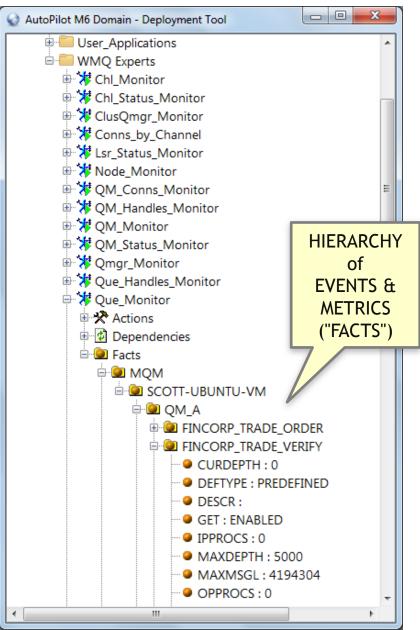
- Pre-defined & User-Defined Dashboards with intuitive KPI's
- Policy-based, Wizard-built monitoring
- No scripting
- Dynamic Thresholds & Automatic Baselining
- ▲ Alerts, Notifications & Automated Actions
- Real-time and historical analysis
- → Easily locate & resolve performance issues before business impact



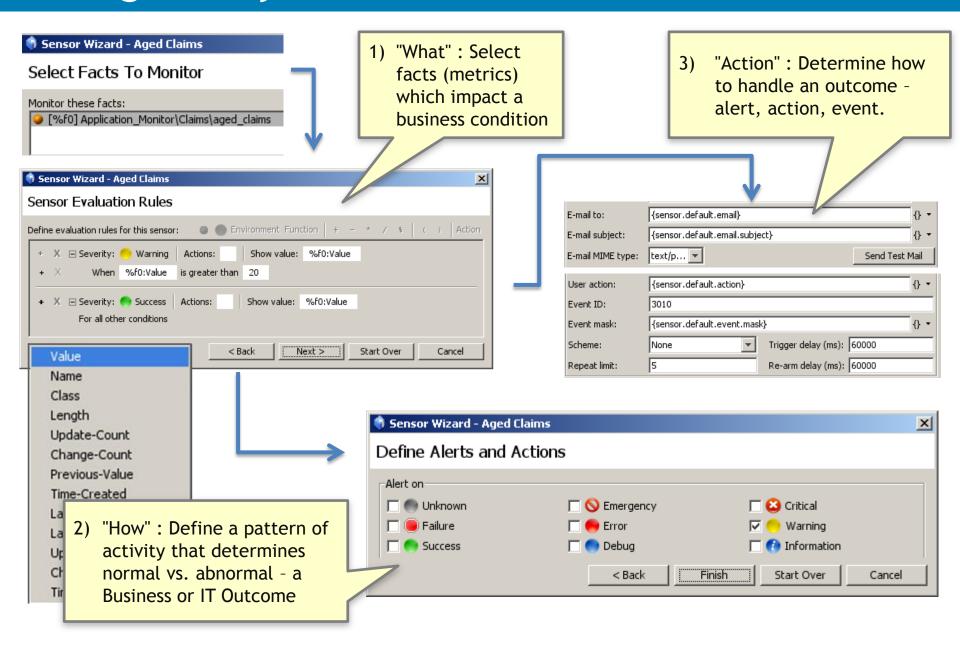


AutoPilot® M6 "Facts": Events and Metrics

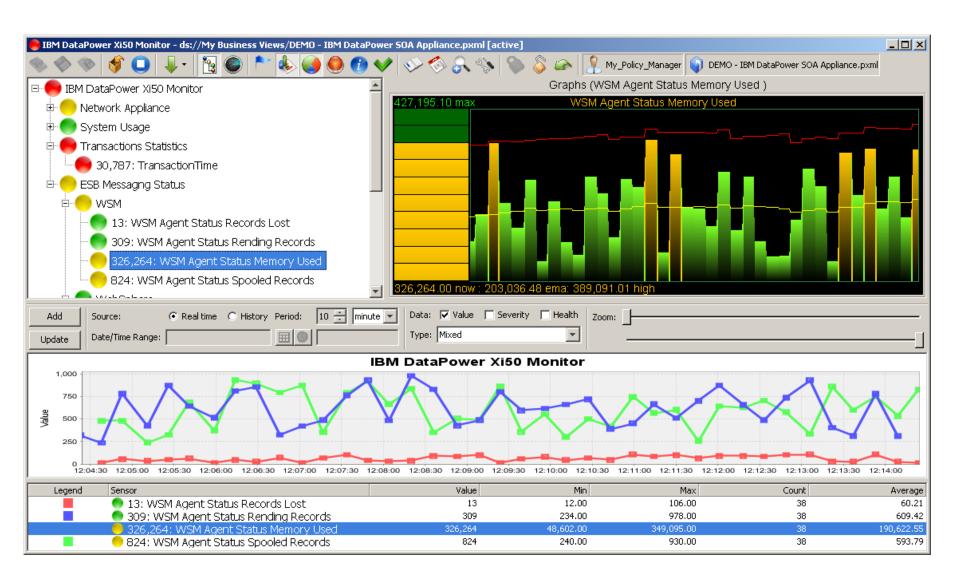




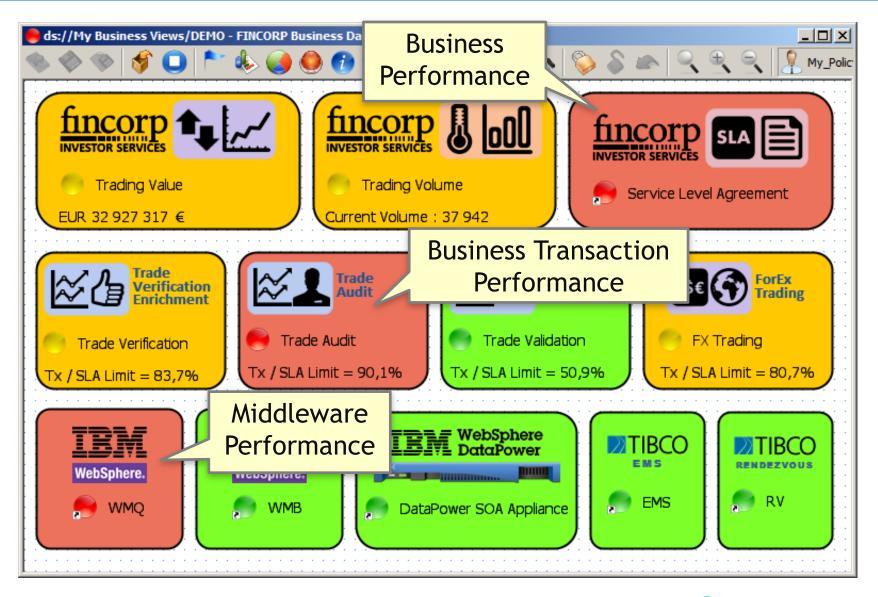
Making It Easy: AutoPilot® Dashboard Wizard



AutoPilot® Operational Monitoring



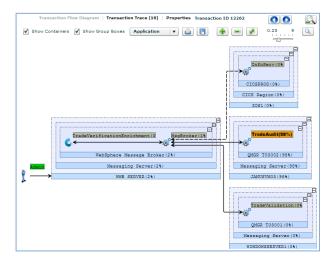
AutoPilot® Business Activity Monitoring





WebSphere MQ MESSAGE TRACKING

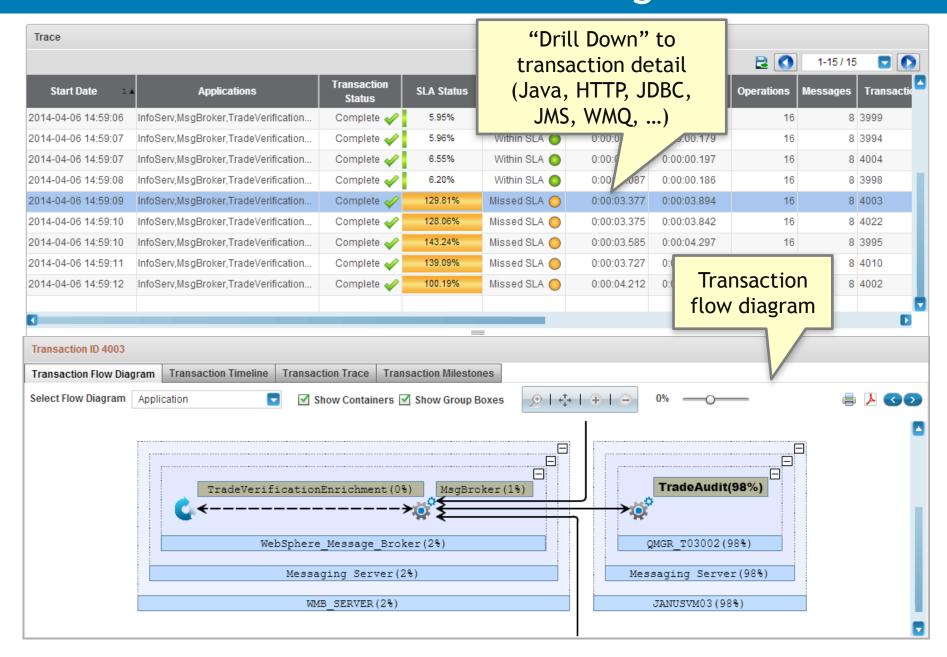
- → Graphical depiction of WMQ Message Flows, with details of each operation
- Real-time and historical analysis
- Create SLA's for message flows in one click
- → Pinpoint message delivery problems, message latency and SLA breaches
- Criteria-based message search
- ▲ ALL message tracking information is recorded in SQL database -Persistant as well as Non-Persistant messages
- Pre-Defined and User-Defined Reports



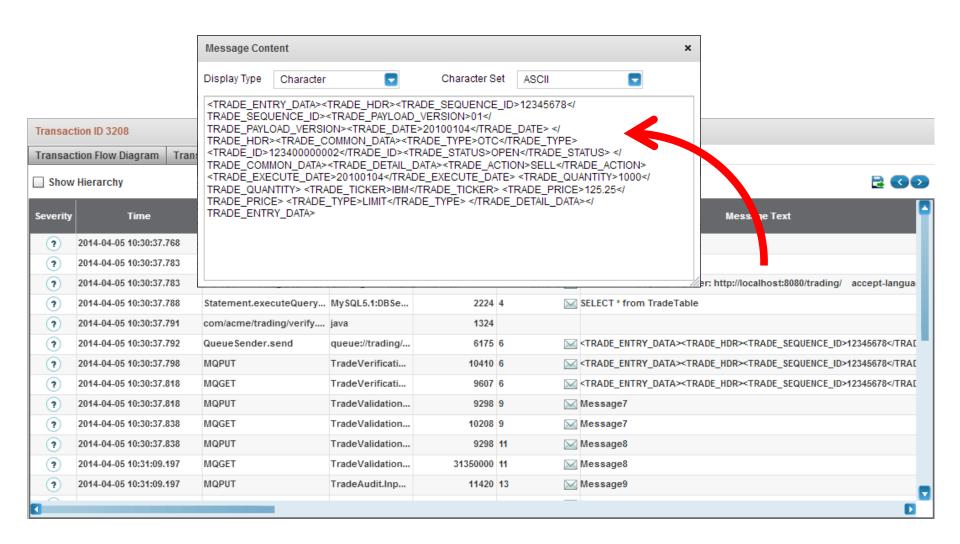




AutoPilot® Transaction Monitoring



Transaction Trace & Message Tracking

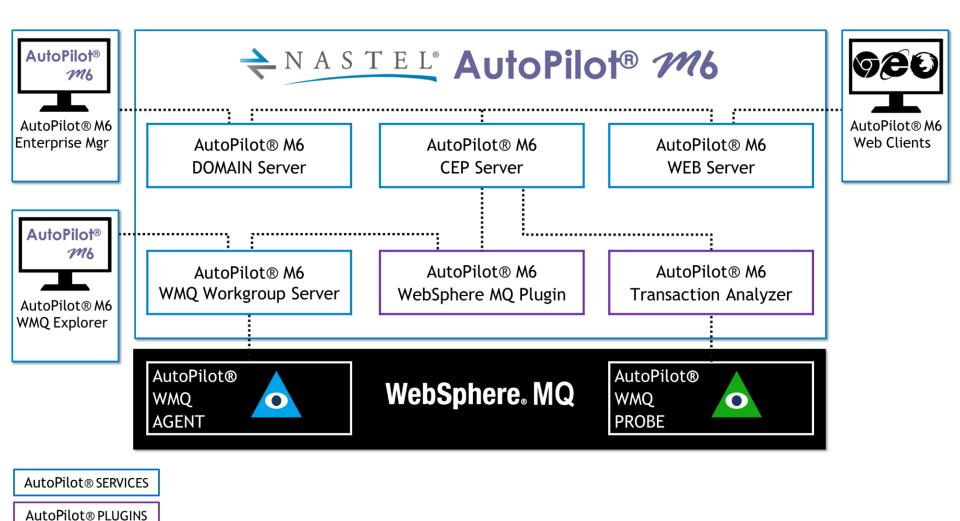




Nastel AutoPilot® for WebSphere MQ Product Architecture



AutoPilot® for WebSphere MQ - Architecture



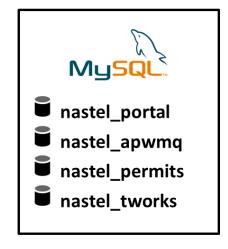


AutoPilot® for WebSphere MQ - Services and Plugins





- DOMAIN Server
- **▶ CEP Server**
- **▶ WEB Server**
- Workgroup Server
- **▶** WMQ Plugin
- Transaction Analyzer



- AutoPilot® Domain Server: Maintains the directory of CEP Servers, Experts, etc.
- ▲ AutoPilot® CEP Server: Hosts AutoPilot services such as Experts, Managers, Policies etc. All CEP Servers are registered within the DOMAIN Server.
- AutoPilot® Web Server: Web Server that is used to deploy AutoPilot® web-hosted components.
- ▲ AutoPilot® for WebSphere MQ Workgroup Server: Service used for management and monitoring of WebSphere MQ nodes.
- AutoPilot® for WebSphere MQ Plugin: Provides a series of Experts used to publish facts to the AutoPilot® CEP Server for monitoring WebSphere MQ.
- ▲ AutoPilot® TransactionWorks® Transaction Analyzer: Analyzes data produced by AutoPilot® TransactionWorks® Probes



AutoPilot® for WebSphere MQ: Key Functions

