



AutoPilot

*Middleware-Centric
Application Performance Monitoring*



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Nastel Technologies, Inc.

VENDOR PROFILE

- Middleware management and "Middleware-centric" application management & monitoring
- Messaging Middleware, Java & .Net Application Servers, ESB's, SOA technologies
- Key value proposition : Identify performance and quality of service issues before business is impacted

CUSTOMERS AND USE CASES

- Large companies, leaders in their markets
- Mission Critical Applications
- Powered by Middleware
- Trading, Order processing, Payments, Funds transfers

KEY DIFFERENTIATORS

- Best of breed solution for management and monitoring of WebSphere MQ
- Single point of control for multiple middleware
- Policy driven, Operational and Transactional Monitoring



7 Common Challenges of our Clients



1. Significant investments in middleware (Messaging Middleware, Application Server, Enterprise Service Bus)
2. Users identify application issues before IT staff are aware of them
3. Expensive Tier 2 / Tier 3 support staff are engaged to resolve application issues
4. Complexity of application architecture makes identifying the source of problems a difficult task
5. "Siloed" views of application infrastructure prevent experts from seeing problems affecting users
6. Incomplete transactions, performance problems or downtime represent a risk for the organization
7. Performance & availability of mission critical applications is a high priority

Over 200 companies rely on Nastel since 1994



Nastel's AutoPilot : Recent Analyst Coverage

→ Gartner

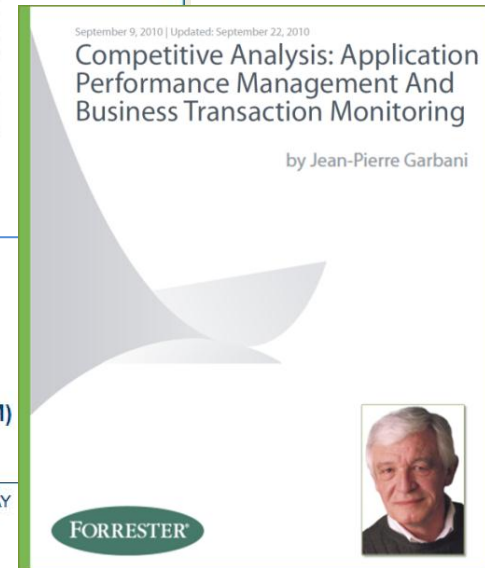
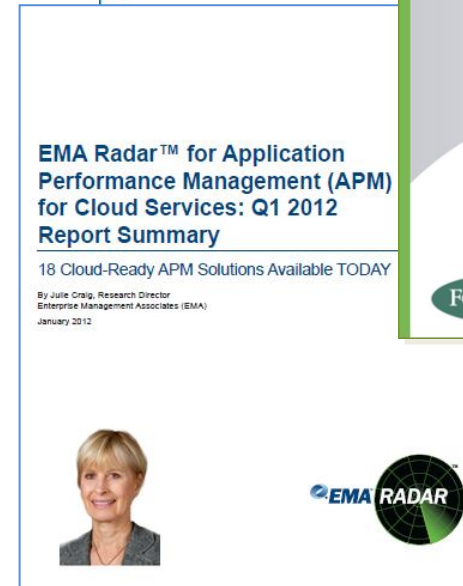
- “The granularity of configuration for monitoring, visualization, and issue detection are very detailed, enabling customized views into the data.”
- “CEP... allows the product to process high numbers of event streams and do real-time analysis and correlation across the datasets.”

→ Forrester

- “Well rounded technology ... expertise in transaction monitoring”
- “One of the leading solutions to manage messaging technologies such as WebSphere MQ”

→ EMA

- “Focused on delivering rich functionality at less cost”
- “Nastel is exceptional in its coverage of data-center-based technologies ... EMA research attests to impressive ROI”



Middleware-Centric Application Performance Monitoring

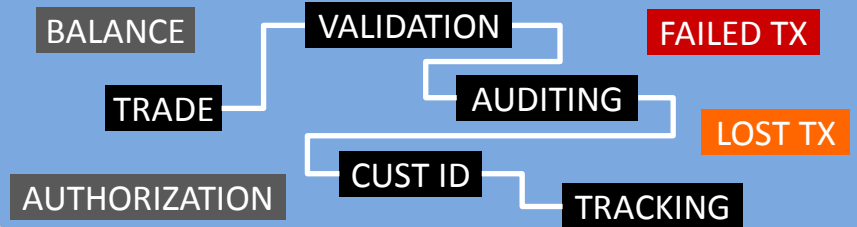
CEP Policy Engine



OPERATIONAL
MONITORING



TRANSACTIONAL MONITORING



APPLICATIONS



Trading
Equities



Funds
Transfers



Claims
Processing



Order
Handling



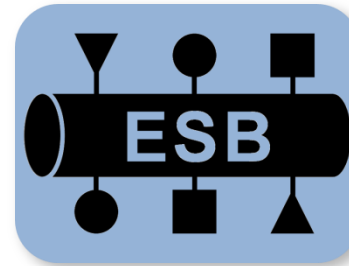
Payments
Processing



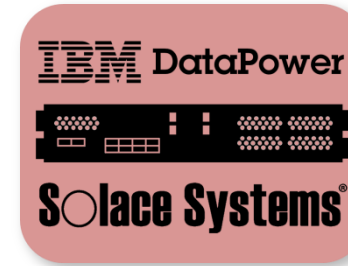
Messaging
Middleware



Application
Servers



Enterprise
Service Bus



SOA
Appliances

INFRA
STRUCTURE



Servers



Network



Databases



Storage

AutoPilot Architecture



Pre-defined & User-Defined Dashboards



Key Performance Indicators

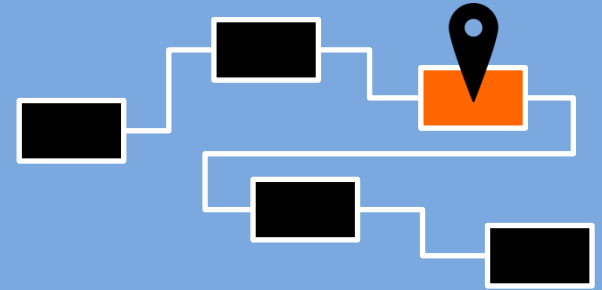


Alerts, Notifications, Automated Actions



Locate performance issues

Transaction Monitoring
Pinpoint SLA breaches



CEP Policy Engine



IBM
WAS



Oracle
WLS



Oracle
AS



JBoss
AS



MS
.NET



IBM
WMQ



Tibco
EMS



Tibco
RV



MS
MQ



Oracle
DB



MS SQL
DB



IBM
WMB



IBM
ESB



Solace
MR



Data
Power



JMX



SQL



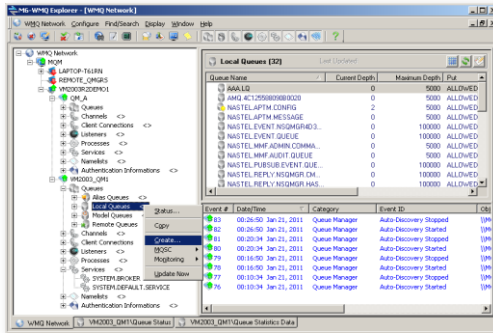
SNMP



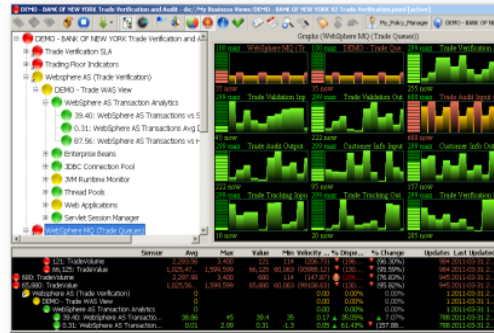
Logs

Architecture - AutoPilot for WebSphere MQ

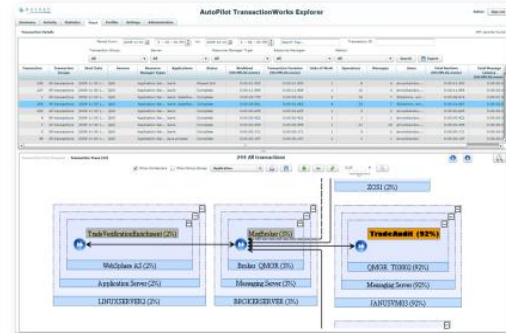
WebSphere MQ MANAGEMENT



WebSphere MQ MONITORING



WebSphere MQ MESSAGE TRACKING



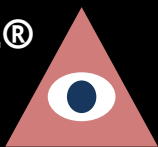
AutoPilot® CEP Policy Engine

AutoPilot® WMQ
Workgroup Server

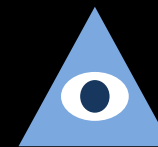
AutoPilot® WMQ
Plugin 

AutoPilot® WMQ
Transaction Analyzer

AutoPilot®
AGENT



WebSphere® MQ



AutoPilot®
PROBE

AutoPilot for WebSphere MQ : Highlights

WebSphere MQ MANAGEMENT

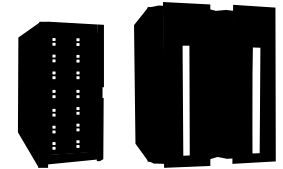
- Auto discovery of WMQ objects
- Automatic Configuration Management
- Audit trail & Rollback of changes to WMQ objects
- Agent and Agent-less management
- Message Management & Search
- View, Edit, Move, Copy, Delete, Re-route, DLQ handling
- Secure, Self Service WMQ Management for Dev/Ops

WebSphere MQ MONITORING

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

WebSphere MQ MESSAGE TRACKING

- Real-time and historical analysis of WMQ Message Traffic
- Pinpoint message delivery problems and message latency
- Message Tracking information recorded in SQL database
- Reports about Message Traffic (daily, weekly, monthly, ...)

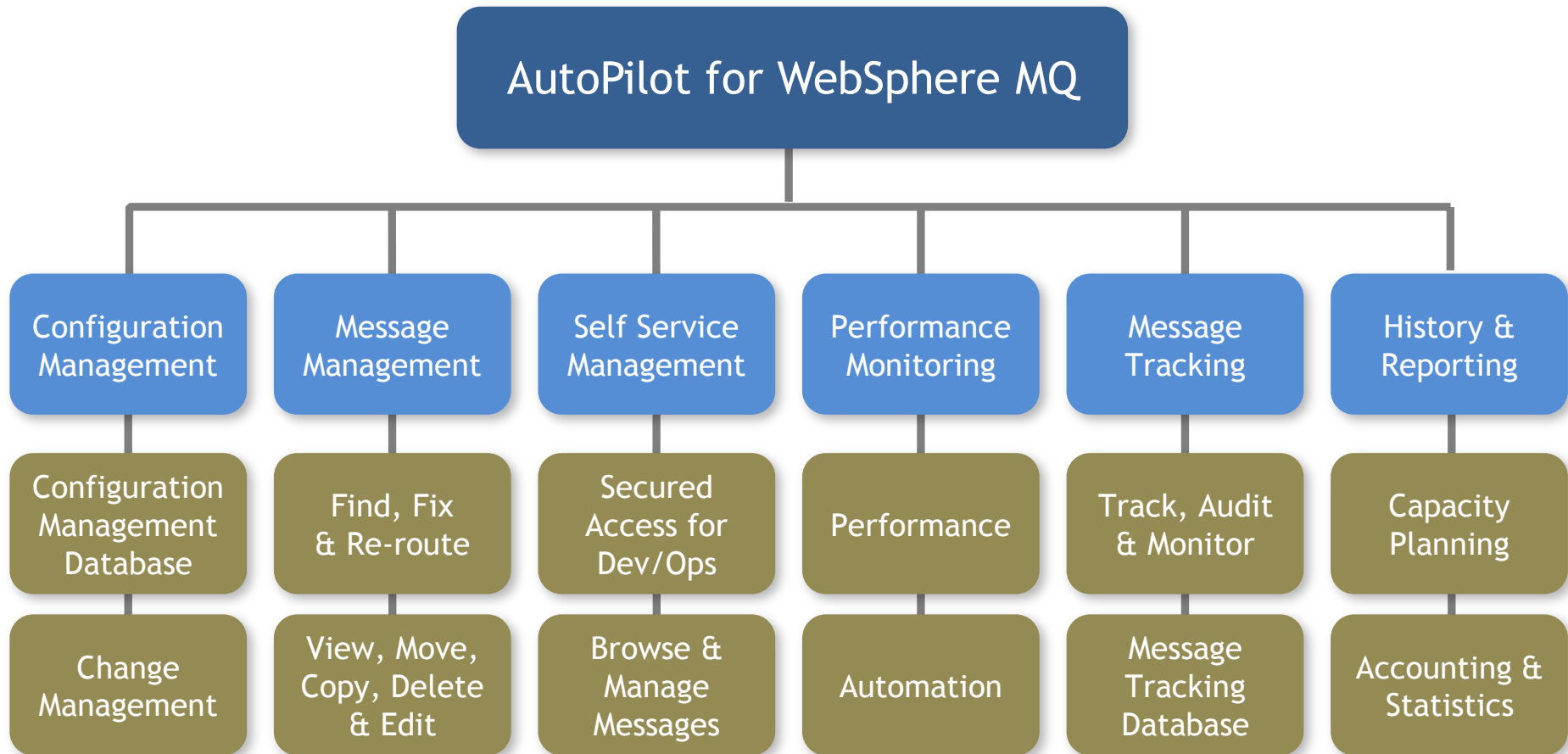


- Open Systems
- Z/OS

WebSphere

- WebSphere MQ
- WebSphere Message Broker

AutoPilot for WebSphere MQ : Key Functions



AutoPilot for WebSphere MQ : Demo

