



Nastel AutoPilot for SAP

Monitor SAP with Nastel AutoPilot

About Nastel AutoPilot for SAP

Nastel AutoPilot for SAP monitors the performance of your SAP business transactions and provides auto discovery of transactions and real-time performance tracking and answers the key questions of “what happened” and with discovery of operational metrics for the resources underlying your transactions, provides the answer to “why it happened” or in another words, the root cause.

Taken together, the correlation of transactional and operational data in a business context via a Complex Event Processing (CEP) engine enables you to proactively ensure the performance and availability of your applications and their constituent transactions with little or no user or business process impact.

Features and Benefits:

Feature	Description
User-defined transaction tracking	Where the system can be configured to relate two different, independent transactions based on information contained within a middleware message.
Auto-discover applications and system components, business transaction flow and application interdependencies	
Automatically track transactions	Automatically track failed, in-flight, completed and missed transactions
Complete audit trail	Complete audit trail including message payload, http headers, SQL queries.
Measure transaction volume	Measure transaction volume, latency and duration (total, max, avg. and trends)
Track messages exchanged between applications	
Root-cause analysis	Root-cause analysis with drilldown to the offending component, SQL query or method call
Transaction analytics	Transaction analytics for short and long term trend analysis and capacity planning
User defined, application-centric SLAs	
Business Service Views	
User-defined business rule to detect "business normal"	

as a user of SAP, you need to understand in detail how transactions are performing to ensure your customer experience is

optimized and that internal governance and external regulatory compliance are achieved.

Business Transaction Performance, or BTP, provides immediate answers to the key questions of “what happened” and “why it happened”. Its auto discovery of transactions and the real-time tracking of their performance answers the question “what happened” in my business. While the discovery of operational metrics for the resources underlying your transactions, provides the answer to “why it happened” or in another words, the root cause. Taken together, the correlation of transactional and operational data in a business context via a Complex Event Processing (CEP) engine enables you to proactively ensure the performance and availability of your applications and their constituent transactions with little or no user or business process impact.

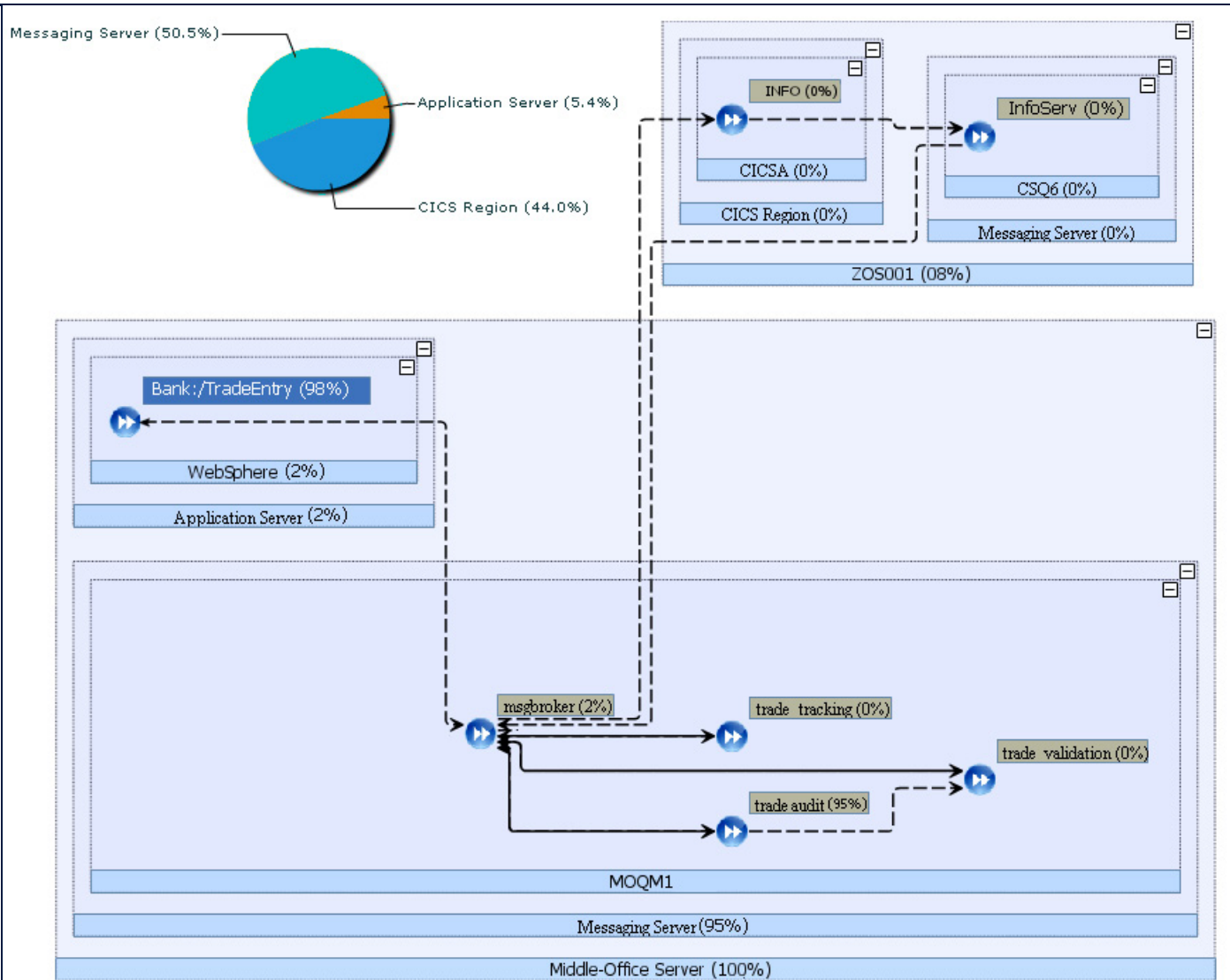
	Number of Violations	Violation Rate	Number of Failures	Failure Rate	Number of In Flight Transactions	Number of Transactions
Overall	2	3.8%	0	0.0%	0	52
Transaction Paths	2	3.8%	0	0.0%	0	52
All transactions	2	3.8%	0	0.0%	0	52
Resource Manager Types	2	3.8%	0	0.0%	0	52
Application Server	1	6.6%	0	0.0%	0	15
Database Server	0	0.0%	0	0.0%	0	23
WMQ Queue Manager	2	33.3%	0	0.0%	0	6
Servers	2	3.8%	0	0.0%	0	52
ALANDEV	1	2.6%	0	0.0%	0	38
localhost	1	100.0%	0	0.0%	0	1

TransactionWorks tracks transaction compliance including: number of transactions, in-flight transactions, violations, violation rate, failures, failure rate, maximum and average duration.

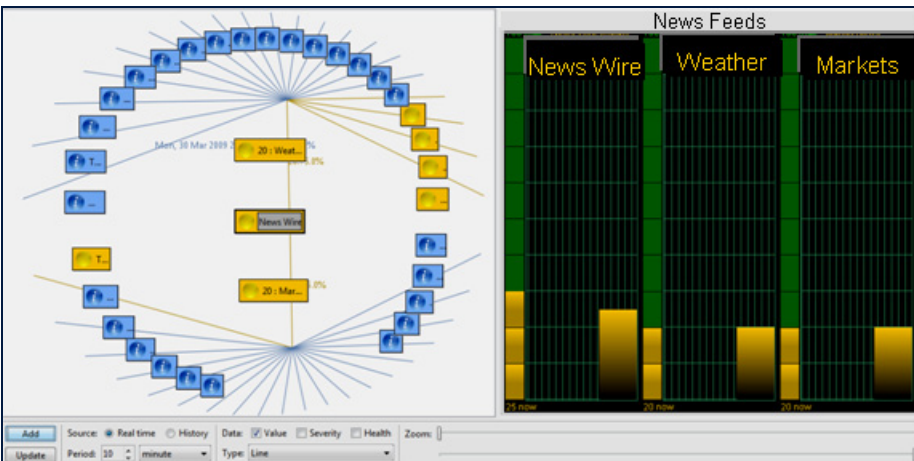
If you’re like most SAP application owners or enterprise architects today, one of the biggest challenges you face is ensuring peak performance and high availability for the complex, multitier applications that drive your company’s business

Monitoring the performance of your business transactions, (sometimes referred to as Business Transaction Management) is of paramount importance to you.

If something is going to impact your business transactions, you need to prevent that problem before your customers and business processes are impacted.



TransactionWorks discovers the transactions that comprise this process and monitors their performance compared to SLAs. The application above highlighted in yellow has a transaction that has breached its SLA.



TransactionWorks can collect, aggregate, filter and correlate metrics and events from infrastructure systems with data from external sources such as RSS, news feeds and even email messages.

Summary:

Nastel AutoPilot for SAP can manage the runtime characteristics of your SAP environment by collecting Key Performance Indicators (KPIs). Additionally, Nastel AutoPilot for SAP can coordinate these KPIs with events (SNMP traps) being generated by SAP as well as with details about the SAP processes. By combining all aspects of the SAP environment, transactional, operational and even business data, Nastel AutoPilot for SAP provides 360 degree situational awareness of your SAP environment.

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