



Nastel AutoPilot for IT Operational Analytics for Financial Services

ITOA delivering compliance and governance for financial institutions and banks.

About Nastel AutoPilot for IT Operational Analytics for Financial Services

Nastel AutoPilot IT Operational Analytics for Financial Services helps financial institutions be aware of and avoid potential risk situations. Nastel AutoPilot is a highly scalable solution that tracks business transactions spanning across multiple tiers starting from the end-user across application servers, messages brokers, Enterprise Service Bus's (ESB) and legacy systems on mainframes.

Nastel AutoPilot provides the ability of relating complex IT transactions to critical Business Milestones in order to provide visibility from the business perspective, improve prioritization and reduce operational, reputational and compliance risks.

- Business Transaction Tracking
- Business Milestone Tracking
- Fed Reconciliation Cut-Off Time
- Forensics for IT

Features and Benefits:

Feature	Benefit	Description
Report on transfer completion times	Achieve Reporting Compliance	Protect losses due to currency fluctuations when transfer is not completed in proper time frame and needs to be held overnight until fed window re-opens
Alerting	Prioritization to reduce costs	Transmits alerts when transactions will not a make cut-off deadline for processing
Provides transaction visibility		
Enables better message prioritization		
Natural language provides instant inquiry, search delivering immediate feedback on how your business is doing.	Allows business and technical users to perform their own data analysis directly.	Instead of using complex SQL type scripts, business and technical users can more simply challenge the data to discover new knowledge.

Problems Addressed

Operational Risk – Provide visibility into the performance of streaming Business Transactions and detect SLA violations across multiple technology tiers including legacy systems to avoid potential penalties and material losses.

Reputational Risk– Proactively monitor and track Business Transactions spanning across multiple technology tiers to avoid customer dissatisfaction and reputational damage that can result in customer dissatisfaction and loss of revenues.

Compliance Risk – Keep track and audit trail of all Business Transactions, provide situational awareness and alerts on potential integrity risks, adhere to government regulations and auditing requirements.

Business Transaction Tracking

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Transaction tracking can help banking groups tasked with providing situational analysis for banking applications. These applications often run in complex environments with a large number of applications, a high volume of messages and a diverse set of infrastructures. This can make it difficult for stakeholders such as: infrastructure, architecture and development and application owners to prevent operational forest fires and ensure all payments, wires and transfers are completed and reconciled by the Fed cut-off time. There are just too many moving parts. But, it is essential to do this in order to avoid fines and reputational impact.

Nastel AutoPilot for IT Operational Analytics for Financial Services can simplify this by tracking transactions and relating these to business milestones in order to acquire greater visibility, improve prioritization and reduce risk.

Business Milestone Tracking

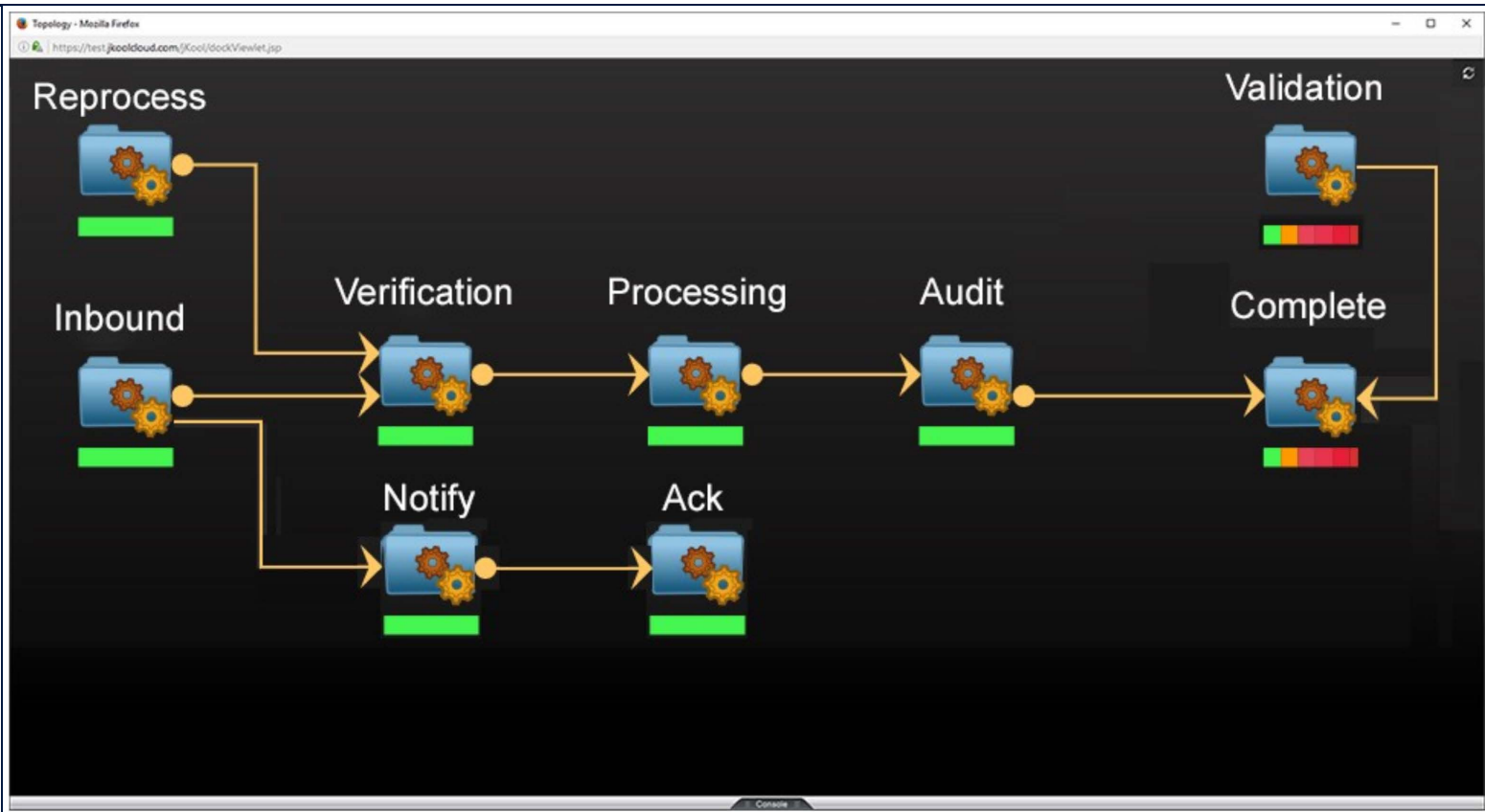
Nastel AutoPilot for IT Operational Analytics for Financial Services provides a unique capability called Business Milestones. It is the linkage between business processes and application transactions. Milestones are used to track business objectives such as: what order they were done in, how long it took to complete each business step, the path of transactions and whether an SLA associated with each business milestone was met.

Milestones make it easy for the business to know the status of complex transaction flows such as trade capture, enrichment, formatting and routing and their actual or a potential risk to the business.

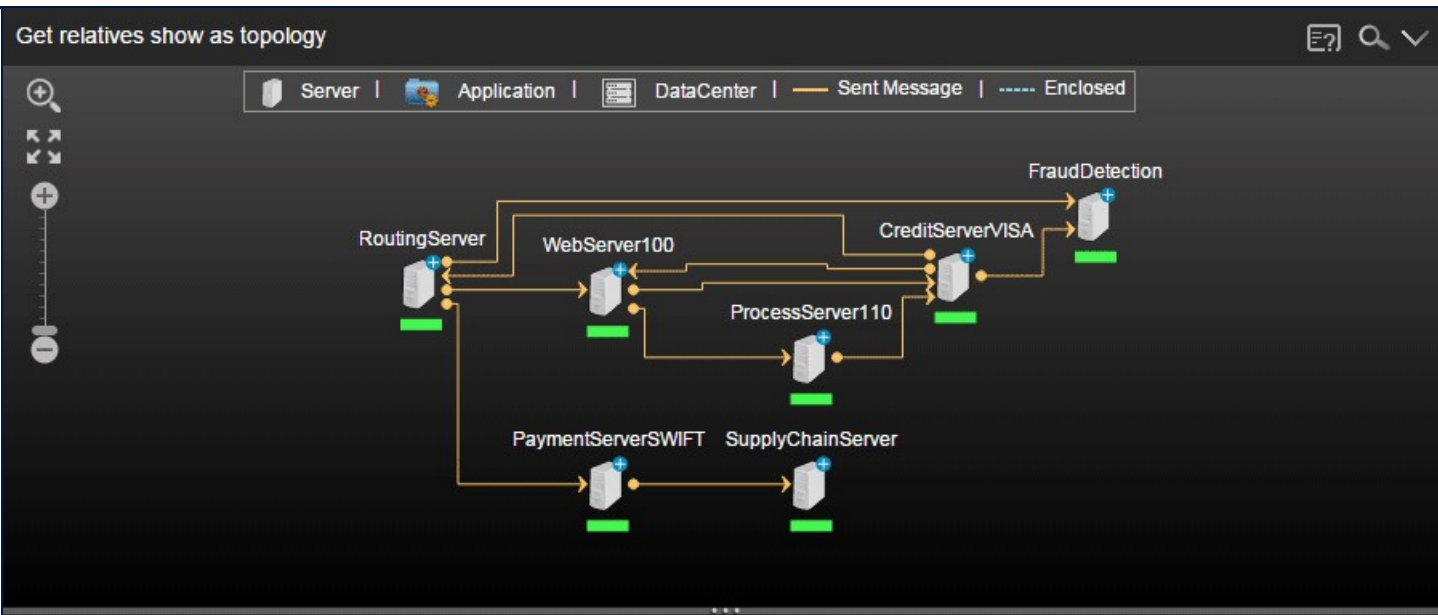
Fed Reconciliation Cut-Off Time

Financial institutions process billions and in many cases trillions of dollars per day. They must comply with the Fed requirement to reconcile all the financial transactions by 5PM to avoid hefty penalties that may result in closing doors. AutoPilot provides early alerts and Situational Awareness to different stakeholders such as: Business Units owners, DevOps of potential operational forest fires, SLA violations and ensure all payments, wires and transfers are completed and reconciled by the Fed cut-off time. Forensics for IT

Nastel AutoPilot® provides IT Operational Analytics (ITOA). It delivers Operational Intelligence by ingesting high volumes of streaming data across multiple sources, timely digesting and analyzing it in near real time, comparing behavior across different times and locations, sharing metrics, logs and tracking transactions end-to-end. AutoPilot has a highly scalable customized Self-Service Dashboards.



An example of milestones in a trading application. Each milestone and its status is based on the status and behavior of one or more auto-discovered transactions. AutoPilot Transaction Tracking stitches the transactions together into a topology.



Summary:

- Tracks transactions across applications and technologies tiers end to end
- Tracks asynchronous, long-running transactions across multiple tiers including legacy systems
- Auto-discovery of business transaction flows
- Automatic “stitching” of IT transactions based on message payload
- Tracks and Maps Business Transactions to business processes (Business Milestones)
- Provides an easy-to-use natural language to inquire or subscribe to live metrics, events and transactions
- Analyzes metrics and automatically detect anomalies
- Highly scalable, customizable Self Service Dashboard.
- Provides a complete audit trail of business transactions
- Highly scalable real-time and historical analytics
- Seamless integration with corporate technology eco-systems° Multi-tenant with secured access
- REST and Java APIs available

Disclaimer:

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