

# jKool® Operational Intelligence

## Capture-Visualize-Analyze

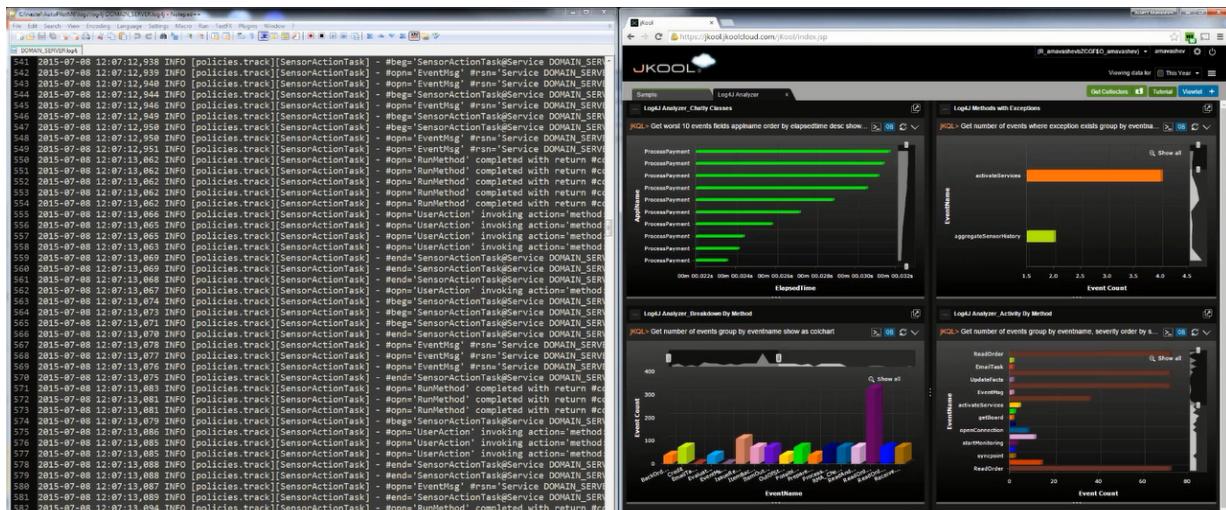
jKool provides a quick and easy way to analyze application behavior in real-time in production, test and development environments. jKool turns machine data such as logs and metrics into operational intelligence. Its actionable insight helps measure performance, detect the root-cause of exceptions and improve capacity planning in as few as two clicks.

Data streamed to jKool is analyzed in real-time in order to spot patterns, trends, threats and misbehavior via a cloud-based, software as a service solution or on-premises.

## jKool Benefits

jKool provides instant insight into your Java applications:

- Detects preventable losses
- Captures perishable insights
- Learn how your applications are used
- Improves the productivity of DevOps and application teams
- Improves application quality



The standard manual process of analyzing logs.

jKool's real-time visualization and analytics for operational intelligence

Would you rather use process on the left or the process on the right to gain actionable insight?

# jKool Operational Intelligence

## jKool Features

### Analyze and Aggregate Java Logs and Metrics

- Supports Log4j/SLF4J/Logback/JMX/Java EE
- Add your own metrics via an open-source API
- Consolidates and summarize all logs and metrics
- Detects error rate over time and finds anomalies

### Automatically Track and Trace Java Transactions

- Discovers causality for slow, failed or otherwise non-compliant transactions
- Finds problems in transaction flow and performance
- Automatic stitching together of transactions

### Real-time Visualization

- Display streaming data in real-time, as it changes
- Visualize, trends, patterns and anomalies on a web-based, mobile-ready dashboard
- Provides application, server and geographic topologies

## Why jKool

### Extreme Scalability

- Built on NoSQL, STORM, Spark and Kafka for elastic scalability
- In-memory analytics using complex event processing

### Respond to Trends

Insight comes from jKool's real-time, in-memory trend analysis. Trends are perishable, have a shelf-life and rapidly expire. jKool provides the instant awareness to enable you to rapidly respond to trends and stay ahead.

### Self-Service

Using jKool's flexible, easy-to-use dashboard and English query language, the business user can create ad-hoc queries and immediately capture insights from their machine data.

### Ease-of-use

Talk with your data in English. jKool provides the business user with an English-like query language, jKQL (jKool Query Language) to interactively explore their data. There is a web-based, mobile-ready dashboard that is query driven and provides a variety of streaming operators to make analysis deep, fast and easy.



jKool's sophisticated charting includes multi-panel charts with candlesticks. This chart shares an X axis (time) across three panels showing concurrently: elapsed time, average gains and losses, volume and trends.



**About jKool** jKool, LLC, provides a SaaS, cloud-based solution for real-time operational intelligence, visualization and analysis of streaming Big Data. Differentiating via ease-of-use, and scale, jKool delivers a solution that help the business, developers and data scientists visualize, analyze and understand their data in real-time.

Join the community at [jKoolCloud.com](http://jKoolCloud.com)