



## Application Forensics

Many organizations struggle with adopting DevOps culture. While we hear a lot about the success stories, it isn't so easy to do. These businesses have invested in a large assortment of tools to make this work and yet...there is still finger-pointing instead of collaboration. The DevOps approach is supposed to be one of cooperation between application development and IT Operations – “we're all in it together”.

However, the roadblocks preventing effective team collaboration is often insufficient or ineffective data collection and analytics that cut across IT & application boundaries. So many tools and still we have chaos. Lack of effective shared metrics and application analytics becomes the root cause of an inability to determine what to do next. And then the blaming begins...

## The End of Finger Pointing

Nastel AutoPilot® provides forensics for IT Ops and DevOps. Yes, this is the same forensics used to determine the wrong doer in a criminal investigation. Analyze the data from multiple sources as a situation, compare behavior across different times and locations, create metrics for everything that is numeric and search for the patterns that emerge. Shared metrics along with an active, analytical approach makes it possible to accomplish the goals of DevOps: to be able to find and fix problems faster, avoid blame storms between Development and IT Operations and deliver software releases sooner.



A sample DevOps Dashboard with metrics for production applications.

## Features

### AutoPilot:

- ❑ Creates shared metrics tapping into machine data from various sources
- ❑ Analyzes data across many sources including: HDFS, Logstash, Apache Flume, Syslog, Kafka, MQ, Spark, Log4j, JMS, Spark, Java and other data sources
- ❑ Analyzes metrics and not just raw data values and detect anomalies
- ❑ Tracks transactions across applications, track orders, payments, clicks etc.
- ❑ Provides an easy-to-use natural language to inquire or subscribe to live metrics that tell you how your business is doing



This collage shows some of the use cases that AutoPilot addresses. In the upper left we have a dashboard that is illustrating Java Garbage Collection metrics. On the bottom left we have an analysis of hacking attempts where a user is attempting to acquire unauthorized privileged access. On the right we are looking at the topology and status of the production application infrastructure.



**About Nastel** Nastel Technologies is a global provider of real-time application analytics and tracking software. Nastel is a privately held company headquartered in New York, with offices in the U.S., the U.K., Germany and Mexico, and a network of partners throughout Europe, the Middle East, Latin America and Asia. For more information, visit Nastel's website at [nastel.com](http://nastel.com)