



## SOLUTION BRIEF

# Rocana Ops Helps Boost the Bottom Line in Financial Services

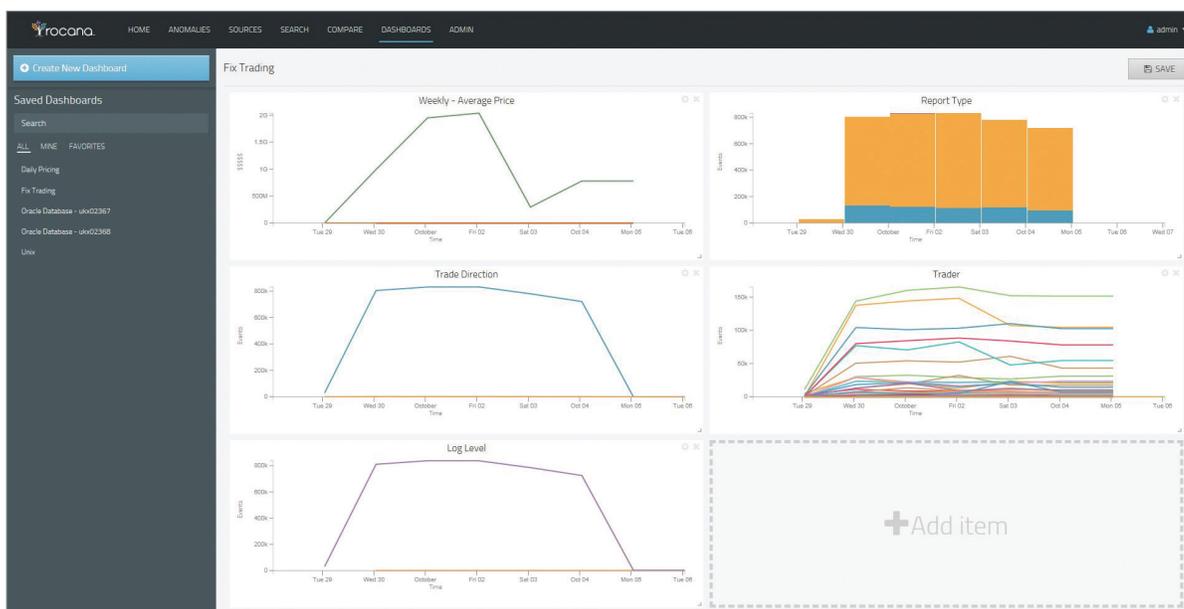
In the hyper competitive Financial Services industry, delivering consistently great customer experiences is what distinguishes the winners from everyone else. That's why one leading multinational financial services firm decided they must monitor everything that happens across their IT environment. Every time a client interacts with any of their systems, they want their technologists to be able to see and analyze the full user experience from beginning to end. They understand that by using deep operational knowledge to continuously improve, they will not only delight customers but also outpace their competitors.

Each month, the firm's numerous cloud and on-premises IT systems generate petabytes of operational data. With their legacy monitoring solutions unable to technically or economically scale to handle the load, among other limitations, the firm set out to build their own custom solution using open source Big Data technologies. It was expected to be an expensive, multi-year effort. Then they discovered Rocana Ops, the Total Operational Visibility solution for enterprise IT. With Rocana Ops, the firm is immediately able to start capturing operational data from across their environment. Importantly, this enables their technologists to focus on key initiatives that directly impact the bottom line.

### Gaining business insight from FIX data with Rocana Ops

The firm's initial focus is on three primary use cases. First is to be able to monitor Financial Information eXchange (FIX) protocol data from their core security trading application in real time. Their analysts want to be able to answer questions like "are transaction volumes above or below trend for the day", "In what countries or industries are we trading higher and lower relative to normal trends", and "how are transaction volumes trending on a US dollar valuation basis."

Rocana Ops enables the firm to answer these questions and more. As raw FIX data records are captured, Rocana Ops' built-in transformation engine automatically parses out the attribute values. That information is then summarized and presented visually via Rocana Ops' customizable dashboard. When details are needed, Rocana Ops interactive views allow drill down to the individual FIX record with just a few clicks. In addition, Rocana Ops always online full text search capabilities enable the firm to perform ad-hoc queries on the data, or to query and compare year old FIX data as quickly and easily as data that is only milliseconds old.



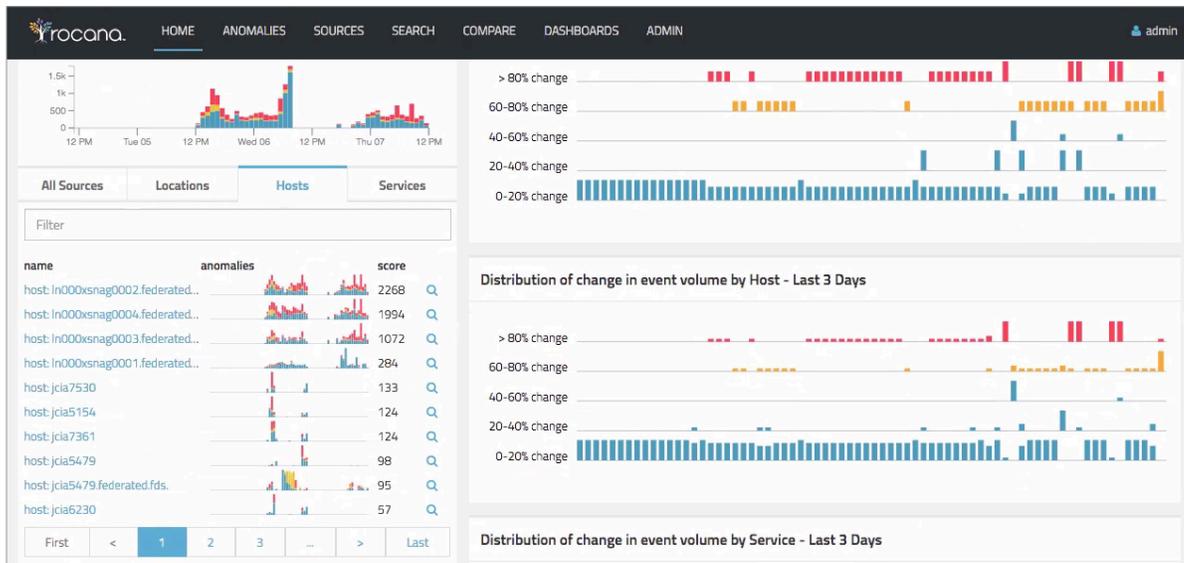
► Monitor any FIX attributes in real time



## Rocana Ops delivers greater site stability and better customer experiences

A second priority use case is achieving greater site stability. The firm's client facing applications are powered by a complex web of interconnected subsystems that includes Pivotal Cloud Foundry, IBM WebSphere, Oracle Database, EMC storage, VMWare vCenter, Microsoft Active Directory, F5 network appliances, and Cisco switches. Owners of these critical revenue generating applications need to be able to see across the entire technology stack from a single unified interface so that they can spot and resolve issues as quickly as possible.

Rocana Ops enables operational data to be reliably captured from all of the firm's sources, even at a rate of millions of events per second. Moreover, as data is collected, Rocana Ops' built in anomaly detection capability automatically learns what behaviors are normal. Whenever unexpected behaviors are detected anywhere in the environment, they are brought to the attention of technologists in an actionable and visual context that enables rapid root cause analysis.



► See all unexpected behaviors in a visual and actionable context

## Reducing risk through improved compliance and security with Rocana Ops

The third key use case is improved compliance and security. SIEM tools prune data aggressively due to cost and scalability limitations. That means they often can't shed light on events that happened months or years ago. Since many attacks lay dormant for nearly a year before being detected, the ability to search detailed data over an extended time period is critical to operating a compliant security practice. To address this need, the firm requires an economical way to preserve data for as long as needed while keeping it readily accessible and searchable for eDiscovery.

Rocana Ops provides that capability, enabling the firm to capture and retain as much data as they want in an always online searchable state, simply by adding additional industry standard x86 hardware and JBOD capacity. Plus, Rocana Ops' user seat based licensing model gives them a highly predictable cost structure that doesn't change with data volumes or age.

## About Rocana

Rocana gives technology leaders total operational visibility, eliminating the boundaries of legacy IT monitoring and empowering technologists to lead digital transformation. Rocana Ops captures and analyzes all data from all sources, keeping it online and available for instant and future access. By combining event data warehouse capabilities with advanced machine learning, Rocana Ops gives technologists the ability to see emerging issues anywhere in the environment, minimize security risks, and surface opportunities for innovation. Learn more at [www.rocana.com](http://www.rocana.com).

**Request a Demo Today** [info.rocana.com/try-rocana-ops](http://info.rocana.com/try-rocana-ops)

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