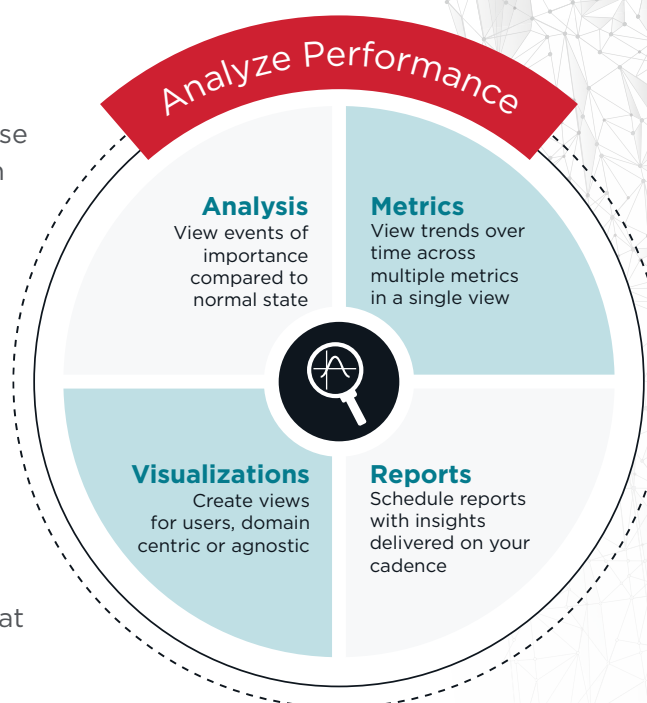**BROADCOM**®
MAINFRAME SOFTWARE

Understanding and Leveraging the Power of Broadcom's WatchTower™ Platform for Mainframe AIOps

Use Case: Analyze Performance

Mainframe organizations face multiple challenges to achieving operational excellence. The exponential increase in operational data, application changes, and transaction volume is overwhelming. Silos impede the ability of IT teams to detect, diagnose, and act on issues in hybrid IT environments. And, of course, there is just too much pressure being placed on too few mainframe operational experts.

Into this complex situation, Broadcom's WatchTower Platform solutions bring order and insight, efficiency and productivity. It helps you gain end-to-end visibility and management capabilities across domains and platforms. WatchTower provides you with true value for critical real-world use cases. Here, we take a closer look at the benefit of **analyzing performance** through AIOps.

Analyze Performance

Analysis
View events of importance compared to normal state

Metrics
View trends over time across multiple metrics in a single view

Visualizations
Create views for users, domain centric or agnostic

Reports
Schedule reports with insights delivered on your cadence

Maximize Mainframe Operational Efficiencies

IT teams are drowning in a flood of data. There are simply not enough hours in the day to collect, investigate, and assess all the information flowing from multiple sources. The result, too often, is that important data is missed – and that translates to business and customer impacts.

Broadcom's WatchTower Platform enables you to analyze cross-domain data swiftly to discover insights, patterns, correlations, and root causes, boosting productivity and efficiency while reducing mean time to resolution (MTTR).

We increase your power to analyze your data effectively through:

Differential Analysis	Comparisons of Multiple Metrics	Visualizations	Reporting
View the events of importance compared to "normal state"	Assess trends over time across multiple metrics in a single view	Create domain-centric or domain-agnostic views for users	Schedule reports to deliver insights on your desired cadence

Analyze Data Faster to Discover Hidden Insights

Broadcom's WatchTower Platform integrates data across hybrid IT platforms – including mobile, multi-cloud and mainframe – enabling holistic visibility and automated correlation for faster root cause analysis.

- Diagnose root causes faster and reduce problem recovery times by discovering and surfacing cross-domain insights, patterns, correlations, and possible causation factors.
- Automate insight discovery and analysis, allowing even novice IT operations staff to triage issues faster while engaging only the experts needed, freeing up SMEs to focus on higher priority initiatives.
- Get the benefits of AIOps without the need to rip and replace your existing tools. Analyze across IT domain silos using open APIs to access and integrate the data that you are already collecting.

AIOps Analysis in Action

A European banking team views the WatchTower Platform as a team member – one that never goes to sleep, never takes a break, never needs a vacation, and reduces the workload of the rest of the team. WatchTower is constantly analyzing this customer's resources and rapidly delivering more accurate insights into what is happening when baseline patterns begin to deviate from the norm. This is particularly useful to their new team members, some of whom are new to the mainframe, as they can visualize the status of their resources and take productive actions – or leverage automation scripts – without having to dig deeply into individual diagnostics.

Begin Your AIOps Journey Today

Broadcom's WatchTower Platform blends augmented intelligence with human expertise to break down silos across your hybrid IT environment—including the mainframe—so you can avoid expensive downtime and business impacts. Visit mainframe.broadcom.com/ watchtower to get started.

5x

resolution time improvement – reduce time to analyze cause of issues from hours to minutes

About Us

Broadcom® Mainframe Software is a world leader in business-critical software that modernizes, optimizes, and protects the world's most complex hybrid environments. With its engineering-centered culture, Broadcom Software is building an extensive portfolio of industry-leading infrastructure and security software, including AIOps, Cybersecurity, Value Stream Management, DevOps, Mainframe, and Payment Security. Our mainframe software portfolio enables scalability, agility, and security for the largest global companies in the world.