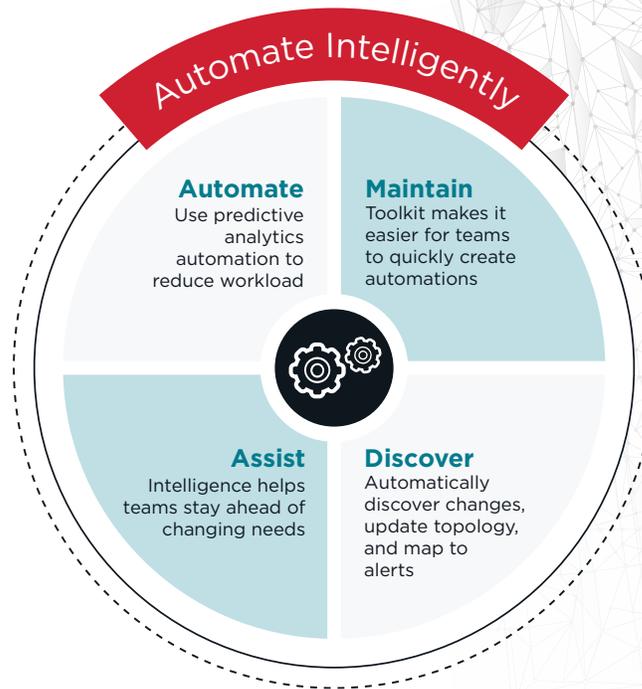


# Understanding and Leveraging the Power of Broadcom's WatchTower™ Platform for Mainframe AIOps

## Use Case: Automate Intelligently

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 brings 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 **automating intelligently** through AIOps.



## Use Anomaly Analytics and Intelligent Workload Management

IT operations teams struggle to stay on top of day-to-day activities ranging from performance monitoring and reporting to data correlation and analysis. Incremental automation of manual tasks allows you to reclaim a significant amount of time for more value-added work.

**Broadcom's WatchTower Platform enables you to automate wherever possible to reduce manual effort, increase the efficiency of day-to-day operations, and reserve your experts for more strategic initiatives.**

We increase your automation capabilities by enabling you to leverage:

Predictive Analytics	Configuration & Maintenance	Evolving Intelligence	Discovery & Alert Analyses
Use intelligent automation to take workload off your mainframe teams	Toolkits make it easy for teams to quickly create automations	Use intelligence to help teams stay ahead of changing needs	Eliminate the need to manually update topology and map to alerts

## Reduce Manual Effort and Increase Efficiency

Broadcom's WatchTower Platform offers automation you can trust, with built-in feedback loops and guardrails. Your IT operations teams can specify preferences and goals such as service-level metrics, cost constraints, security policies, etc. Using provided criteria, the software then makes decisions in milliseconds, around the clock, and adjusts in real time based on IT environmental conditions.

- Provide a single point of automation across mainframe, distributed, and cloud platforms
- Manage complex workloads and simplify deployment of business services across hybrid environments
- Automate corrective action for fixing problems detected by anomaly analytics
- Incrementally augment and automate IT operations over time, building trust every step of the way

## AIOps Automation in Action

A large European insurance company was experiencing exploding mainframe demands and complexity at the very time when their staff resources and expertise were shrinking. It was critical to offload and automate low-level staff work. Broadcom's WatchTower Platform was brought into this challenging situation - combining the power of big data, artificial intelligence (AI) and machine learning (ML), and automation to detect specific issue patterns and immediately write and execute a targeted automation script. If the script successfully resolves the issue, the IT team receives an email to that effect. If the script is unable to run, the team is alerted so they can intervene and remediate the issue. This automation has resulted in a 40% reduction in manual effort, freeing up valuable time for their staff.



94%

reduction in time  
and cost looking  
for security issues

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](https://mainframe.broadcom.com/watchtower) to get started.

## About Us

Broadcom<sup>®</sup> 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.

For more information, please visit our website at: [broadcom.com](https://broadcom.com)