

PRODUCT BRIEF

KEY BENEFITS

- **Risk reduction and avoidance:** Improved understanding of batch impact due to failures, latency, and operator error.
- **Improve efficiency and reduce costs:** Gain the visibility you need to manage value streams end-to-end and optimize costs, align execution to strategy, and prioritize strategic initiatives.
- **Transform customer experience:** Optimize customers' experiences by using advanced analytics to detect and resolve issues faster and prevent them from occurring in the first place.

KEY CAPABILITIES

- **Cross platform and vendor visibility:** Real-time single point of view across Automic® Automation, AutoSys Workload Automation, ESP Workload Automation Intelligence, CA 7™ Workload Automation Intelligence, Control-M, IWS z/d, and Tidal Workload Automation.
- **Direct visibility into Apache Airflow:** Gain instant visibility into Apache Airflow DAGs and take advantage of sophisticated AAI analytics with a centralized view across cloud-native tools, distributed applications, and mainframe automation.
- **Enhanced workload analytics:** Predict outcome of SLAs before they impact the business. Proactive alert management to resolve before any impact to the business.
- **Improved change control:** Simulate potential changes against defined SLAs before going to production. Limits SLA breaches and allows you to optimize complex batch processing across vendors and platforms.

Automation Analytics & Intelligence

Observability, Advanced SLA Management, and Predictive Analytics for Workload Automation

Business Challenges

Today, many organizations embracing digital transformation are struggling to manage complex, mission-critical workloads. This is a significant problem as companies across the globe have suffered workload-related negative events that are extremely costly, highly inefficient, and potentially jeopardized their businesses. Advanced analytics solutions are required to reduce risks and costs in a constantly changing technology landscape:

- From a process perspective, all flows should be documented, interconnected, and executed with no gaps. In reality, organizations are facing increased gaps resulting in low visibility across the scheduling vendors and platforms that increase their risk for outages and service delivery misses.
- Potential service-level agreement (SLA) breaches need to be detected as early as possible to enable resolution prior to business impact, and early detection requires the discovery and monitoring of the critical path for the business process in real-time.
- Defined workflows are constantly increasing in complexity. Advanced analytics is essential to uncover the unseen interdependencies within this critical source of data. Gaining these insights enables better operational control, at lower cost, and provides the ability to improve service delivery.

So the question is, how can an enterprise overcome the hurdles built over past decades? Better still, how does an enterprise convert these hurdles into assets to realize their transformation objectives?

Solution Overview

Broadcom delivers enterprise workload automation solutions with a predictive analytics workload platform that provides companies the necessary visualization, adaptability, and intelligence to successfully manage complex workloads.

Unlike other predictive analytics vendors, Broadcom offers the only solution on the market which provides a single-pane-of-glass across multiple vendors and applications spanning mainframe and distributed environments.

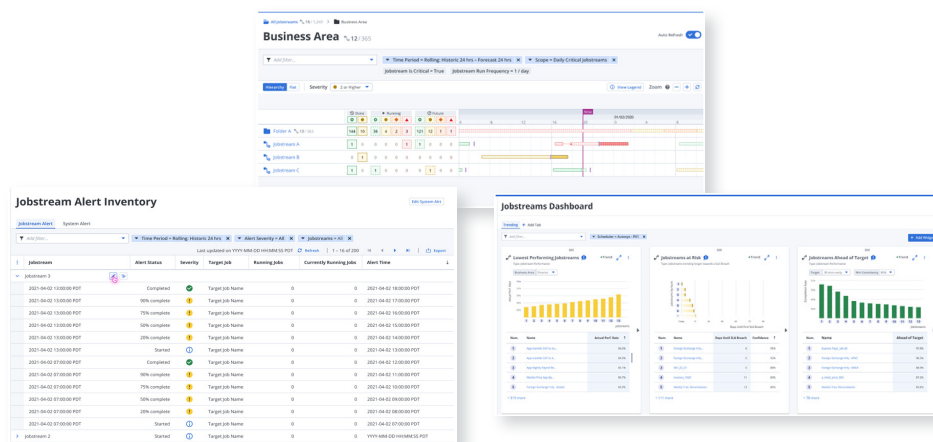
Workload automation analytics provide your business with service-level assurance, critical-path management, and enterprise-wide visibility into your business-critical applications.

Now, your critical workload data can be a source of business insights to drive improvements in IT operations, your digital transformation journey, and your business success.

CRITICAL DIFFERENTIATORS

- **Cross platforms and vendors:** The only solution that allows you to monitor, manage, and improve workload automation across multiple vendors and platforms.
- **API-driven:** Includes in-house schedulers and application data to enhance SLA management to expand beyond the jobs that are scheduled.
- **Lifecycle management:** Simulate the impact of schedule changes to understand the impact on SLAs and operational efficiency.
- **Predictive analytics:** Gain insight and understand your entire workload environment. Find unseen impacts and dependencies across applications, platforms, and vendors.
- **Business monitoring:** See your workload from a line-of-business and business-process perspective instead of a series of unrelated job streams.
- **Proactive operations:** Adaptive intelligence provides unprecedented forecasting to accurately determine the likely outcome.
- **Dynamic critical-path discovery:** Real-time discovery of the critical path to determine the requirements to meet SLAs.
- **Workload intelligence:** Long-term storage of historical activities to better identify outcomes to critical workload execution.
- **Audit and compliance:** Single repository of truth for the outcome of the workload execution over the long term.

A Powerful Analytics Platform



Solution Overview (cont.)

The powerful analytics platform seamlessly pulls real-time data from your workload automation engines to enable visibility into your workload in sync with the way your business is managed. You retain historical data to discover anomalies, optimize your schedule, and use that data to predict in real time what result to expect.

The workload data repository and powerful prediction engine access the valuable data you need from multiple vendors' job schedulers. With that data, you gain unprecedented insight into the workload processes that are integral to your business. You can reduce risks, meet critical SLAs, improve service quality, and discover the underlying root causes of inefficiencies in your workload environment.

Related Products

- **Automic Automation:** Enables effective digital business automation providing the workload, self-service, and data pipeline automation you need to accelerate your digital transformation.
- **AutoSys Workload Automation:** Delivers agility, speed, visibility, and scalability to orchestrate a diverse landscape of applications, platforms, and technologies.
- **ESP Workload Automation Intelligence:** A dynamic workload scheduler that minimizes batch window for optimal performance.
- **CA 7 Workload Automation Intelligence:** A fault-tolerant, highly available workload solution with an easy-to-use user interface.

For more information, visit:

www.broadcom.com/products/software/automation