



# Broadcom Checks all the Right Boxes With AutoSys 12

## Vibrant AutoSys Community Drives Innovation

With AutoSys 12, Broadcom revamps the architecture of AutoSys, one of the mature and broadly adopted workload automation tools in the growing family of Broadcom automation products. Driven by input from an active user community, Broadcom improves support for modern application architectures and cloud-based services, increased integration with modern security tools, enhanced “as code” facilities enabling innovation and productivity, and simplified administration improving usability. The latest release of AutoSys sets a solid foundation for the next decade of AutoSys advancements.

## AutoSys 12 General Availability – June 2020

Broadcom Inc., a global technology leader that designs, develops, and supplies semiconductor and infrastructure software solutions, is releasing the 12 update to AutoSys, one of the mature and broadly adopted workload automation tools in the family of Broadcom automation products. Following an Alpha Test Release in February 2020, over 30 customers participated in the Beta Test program, which ran from March to May 2020. General availability is expected in June. Part of the architectural modernization includes making future updates easier, and the next update is already planned for December 2020.

The product team at Broadcom took their lead for release 12 from the active and engaged user community of 448 active members, creating over 3,000 threads and more than 10,000 discussion posts. This vibrant user community has created almost 1,000 product idea submissions. Having previously delivered almost 200 of these ideas, the Broadcom team delivers on more than 60 submissions with the latest release. The top five asks from the community included:

- Simplify install/upgrade process
- Make renaming jobs easier
- Support latest security standards
- Embrace how developers consume automation (as code)
- Containerization support (for both application automation and in deploying AutoSys itself)



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Broadcom delivered the first four and containerization will start in 12.1. Following is a summary of key enhancements in AutoSys 12.

## *Automation in the Cloud*

The latest AutoSys release enables clients to easily expand their automation policies to cloud-based services. Existing job types for HTTP and WSDOC were enhanced with helper functions to extract information and to easily pass these values to future job executions, making it easier to orchestrate between multiple web service calls to support modern application interfaces.

## *Enhanced Security*

AutoSys now leverages much stronger encryption services for all communications using enhanced ciphers in Server and Agent communications, as well as with communications between the Web UI and Server to further protect sensitive information including job credentials. Centralized security management is supported by integration with additional Privileged Access Management (PAM) systems, enabling users to integrate into their corporate security system to expand their use of corporate security credentials to workload automation, reduce administration efforts for credentials, and leverage password vaulting capabilities of PAM solutions.

## *Automation as Code*

Enhanced “as code” automation allows developers to define automation policies in the Integrated Development Environment (IDE) of their choice. New expanded REST APIs allow for clientless interface for administration and reporting with similar functionality to the command line interface. This also improves lifecycle management for automation artifacts since they can travel with the code from development to test to production.

## *Improved Ease of Use*

AutoSys 12 includes a number of ease of use improvements, including:

- Full 64-bit support, eliminating the need to maintain 32-bit libraries
  - Single image software delivery to simplify the installation/upgrade process
  - Web UI usability improvements
  - Support for MS SQL Server on Linux to reduce database licensing costs
  - New job rename facility to simplify job name standardization
  - Integration with Automic Automation Intelligence to add predictive analytics for real-time SLA delivery, dynamic critical path to shorten MTTR, and simulation of workload changes to understand impacts to SLAs
- Portfolio License Agreement and Automation

AutoSys is also part of the Broadcom Portfolio License Agreement along with the wider automation portfolio, including the recently acquired Automic Automation Intelligence, creating a simple consumption model to accelerate adoption of automation without additional transactions or contracts.

## EMA Perspective

AutoSys has been available for more than 20 years and has a large customer base of dedicated users who depend on it daily. AutoSys is popular because it is simple to use; supports on-premises, private, and public clouds; has a granular security model that stands up to audits; and handles scale. The underlying security model is a big part of the value of AutoSys, and those capabilities were enhanced in this latest release with greater integration of privileged access management security software. EMA believes that Broadcom has delivered on promises made by CA prior to the acquisition by Broadcom by continuing to improve and enhance AutoSys. The prior release, 11.3.6, really began the journey to bring several existing automation products into alignment with the Automic products acquired by CA ahead of CA being acquired by Broadcom. AutoSys has really been given equal standing by integrating AutoSys with Automic. Broadcom has done an amazing job of keeping the key product folks, rationalizing a large portfolio of automation products, and adding cohesive leadership around their automation business without alienating key customer groups of longstanding products. AutoSys 12 is one more proof point that Broadcom is serious about automation and about listening to their customers.

## About EMA

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