

# INTRODUCING ENTERPRISE v11

Automation Anywhere Enterprise is the world's #1 Digital Workforce Platform, [recognized as the market leader by top analysts](#) and the platform of choice of more than [700 enterprises worldwide](#).

Available December 11, 2017, Enterprise version 11 builds on this robust foundation to deliver the easiest-to-deploy, fastest-to-scale and most-secure digital workforce platform in the industry.

Enterprise v11 includes a host of enhancements and brand-new features and frameworks that can be categorized into three functional areas:

## **1. Operational Scalability**

Enterprise-grade rapid scalability has long been the hallmark of Automation Anywhere Enterprise™. With v11, enterprises get significant enhancements that improve scalability while making it easier than ever for them to deploy digital workforces across a large organization.

- **Central Control Room** – Control Room acts as the brains of an enterprise's robotic process automation (RPA) operation. Businesses use it to deploy, schedule, audit, and manage their digital workforces (bots) from a central location. In v11, Control Room features predictive operational through the built-in Bot Insight™ - the industry's most comprehensive, enterprise-grade RPA analytics platform. Bot-level operational as well as business analytics are presented in visual dashboards with actionable insights, such as bots with highest ROI, bots at risk of failure, and much more. Control Room also showcases a highly intuitive visual interface that delivers a seamless user experience across all devices. Tray notifications with numeric indications are available to warn, alert, or request action from users to quickly resolve issues.
- **Workload Management** – To support industrial-scale automation, v11 includes Workload Management (WLM). Much more than a queue management system, WLM has been designed from the ground up to meet enterprise-class service level agreement (SLA) demands by allowing enterprises to manually prioritize high-value tasks and processes. WLM has built-in SLA calculators and an RPA-as-a-Service capability through integration with BotFarm™ – the industry's first and only bots-on-demand platform that enables bots to be spun up to meet increased demands as and when needed. WLM empowers enterprises to optimize both digital and human workforce resources to meet even the most dynamic SLA demands.

- *Automation Lifecycle Management* – By providing businesses with an enterprise-grade framework for automating business processes, Automation Lifecycle Management (ALM) brings order to the often-chaotic process of developing, deploying, and managing automation initiatives in large enterprises. ALM requires automation tasks and bots to “graduate” from successive lifecycle stages as defined by the enterprise (development, testing, acceptance, and production, or DTAP). ALM employs best practices in software development that are not only essential for repeat success in an enterprise environment, but which also help organizations meet stringent compliance mandates such as Capability Maturity Model Integration (CMMI) Level 5 certification and Sarbanes-Oxley (SOX). ALM includes complete version control with check-in / check-out, rollback, lock / unlock, and more. The “segregation-of-duties” criteria included in ALM also extends to migrating bots from one environment to another (more on this in the Security section).
- *Business Continuity with High Availability (HA)/Disaster Recovery (DR)* – In v11, full-fledged HA/DR builds on the existing foundation to make DR a non-issue. Typical business continuity (BC) solutions only provide recovery at the server level. HA/DR in v11 provides recovery protection down to the bot level and across multiple locations.

## **2. Enterprise-wide Security**

The biggest enhancements to Automation Anywhere Enterprise in v11 are in security. Building on a solid foundation that already includes a credential vault, role-based access control, and encryption for both data at rest and data in motion, v11 introduces enhanced capabilities for admins to set and enforce enterprise-wide security policies. Most importantly, security infrastructure in v11 is built on two key tenets: segregation of duties and least-privilege access.

- *Credential Vault 2.0 with Locker Management* – Delivering bank-grade credential security, Lockers in v11 can be used to manage any data deemed sensitive (such as user credentials, account number, and social security numbers). Passwords and other sensitive information are not stored on the client machine. Instead all data is encrypted using AES-256 and RSA-2048 algorithms and stored in the vault after salting.
- *CyberArk™ Integration* – v11 includes integration with CyberArk, a leader in privileged account security that lists more than half of Fortune 100 companies as its customers. This third-party vault integration is a secure and convenient storage solution for sensitive data including user credentials. CyberArk can also rotate stored credentials to ensure that the client stays in compliance with both corporate security policies and industry security practices.

- *Granular RBAC and Latest Security Standards* – v11 supports the most advanced security standards and methodologies including secure sockets layer (SSL), Kerberos, Microsoft NT LAN Manager (NTLM), SAML 2.0 for single sign-on, Veracode Level 5, and two-factor authentication. It continues to build on the robust and highly granular role-based access control (RBAC) that helps enterprises apply human standards of security—such as preventing impersonation—to bots.

### **3. Citrix Automation with AISense**

Citrix, and similar security environments, are image-based systems that do not lend themselves easily to automation. Automation Anywhere's AISense applies significant artificial intelligence capabilities, introduced in v11, to address this challenge.

AISense delivers intelligent image recognition through computer vision and AI techniques for Citrix, Delphi and Flex as well as remote desktop environments. Since a bot is only allowed to use mouse clicks and keystrokes in a Citrix environment, choices are restricted to image-based automation, coordinate-based automation and OCR-based automation. Automation Anywhere's AISense for Citrix scans the application image, identifies UI elements (such as labels and text boxes) and automatically creates all the UI objects. AI-powered automations intelligently create the dynamic linking between these objects.

AISense is agnostic to application changes and delivers complete automation even if the on-screen fields change position, the application changes colors, the zoom level is modified or the screen resolution is updated.

"Data burst" technology inputs the data belonging to all the UI elements in a single scan whereas "bulk data extraction" technology extracts the data belonging to all the UI elements in a single scan. This prevents scanning the application screen multiple times and delivers significant time savings.

Enterprise v11 also includes a host of other new features and enhancements:

- WorkBench – a unified automation authoring environment for Automation Anywhere's TaskBots and MetaBots
- Support for Windows 10 and Windows 64-bit
- Support for best-of-breed OCR engines
- Credential Vault application programming interfaces (APIs)
- Automation Lifecycle Management APIs
- Double-Byte Character Set (DBCS) support for international languages

[Schedule a Live Demo](#) today to find out why Automation Anywhere Enterprise is the [World's Most Widely Deployed Digital Workforce Platform](#).