

Automic® Continuous Delivery Automation

Key Benefits

- Achieve continuous delivery and continuous deployment across the enterprise
- Zero downtime deployments with customized deployment strategies (blue/green, canary, rolling, dark, and so on)
- Automation as Code for ensuring automation in, and orchestration across the DevOps toolchain
- Easily adhere to and support regulation/governance mandates
- Provide agility and continuous delivery responsiveness across the entire enterprise IT portfolio
- Improve the quality of your software by embedding continuous testing into your deployment pipelines

Key Features

- Microservice to mainframe support
- Scalability with 500,000-to-1 endpoint support
- Automation as Code
- Full support of open source software

At A Glance

Automic® Continuous Delivery Automation provides an integrated application packaging mechanism, and a unique deployment model with robust workflow design and execution capabilities. Automic Continuous Delivery Automation lets users monitor and control real-time deployments and provides complete release reporting. Optimized for enterprise environments, Automic Continuous Delivery Automation accelerates application deployment, assures quality releases, and minimizes downtime to empower both development and operations to enable business growth.

Business Challenges

With the advent of serverless architectures and agile development methodologies, mission-critical application deployments are difficult, if not impossible to automate end-to-end in the expansive modern enterprise IT portfolio. How do you automate everything from microservices to mainframes into a coherent, yet flexible, automated deployment pipeline? How does the modern digital enterprise, with such a broad app portfolio, respond quickly to market and customer pressures while also responsibly adhering to governance and compliance mandates?

The modern digital enterprise is struggling to provide consistent automation mechanics from microservices to mainframes, while adapting to a workforce shifting left is also providing an array of challenges. With everything being described by code, operations personnel (or their development replacements) skill sets are shifting towards development best practices. Simply architected release automation or DevOps tools clearly do not provide the interface, scope, and platform reach that is needed to provide the financial bottom line benefits demanded by business leaders.

Solution Overview

Automic Continuous Delivery Automation is an industry leading application release orchestration tool built on the industry-leading Automic® One Automation Platform. Automic Continuous Delivery Automation provides the scale, scope, standards, and interface demanded by the modern digital enterprise to support the entire IT portfolio— microservices to mainframe and everything in-between. Automic Continuous Delivery Automation provides the highest level of scalability on the market with support for up to 500,000 deployment endpoints on a single clustered instance. Why settle for only a portion of your app delivery occurring at high velocity?

Automic Continuous Delivery Automation supports your favorite open source software tooling to drive broad continuous delivery adoption and efficiency more quickly. It also provides Automation as Code capabilities, so it smartly fits into existing code-first and agile practices.

Critical Differentiators

- **Largest Scale.** Support for 500,000-to-1 deployment endpoints on a single clustered server. Atomic Continuous Delivery Automation is the only platform that provides this level of scalability for a single installed instance.
- **Broadest Scope.** Support for the entire IT portfolio including mainframe to microservices and everything in-between. Packaged apps, such as Siebel, are also supported. With Atomic Continuous Delivery Automation the entire IT portfolio is empowered to drive measurable results to the business.
- **Deepest Compliance and Audit Support.** CA Technologies, A Broadcom Company, provides more than just visibility into deployment plans/pipelines and the who, what, when, where, and how of every deployment. Atomic Continuous Delivery Automation can provide insight into what was changed outside of its control or purview. A unique *snapshot* mechanism lets you compare configurations and file contents between live deployment endpoints. Atomic Continuous Delivery Automation snapshots allow users to spot any changes made to your apps outside of your automation mechanics.
- **Automation as Code.** Modern cloud infrastructure is described and managed as code. Modern DevOps and continuous delivery knowledge teams work in code—the role of code has moved beyond developers. Atomic Continuous Delivery Automation provides as-code capabilities allowing you to ensure an automation standard across the enterprise with minimal adoption and process friction.
- **Support of Open Source Software.** Atomic Continuous Delivery Automation provides a very large, and ever increasing set of pre-built integrations. These integrations allow every team across the enterprise to use the OSS tooling that best fits their skill sets and needs, while still providing the enterprise with an automation standard that delivers bottom-line financial results to the business.
- **Interface Flexibility.** Atomic Continuous Delivery Automation empowers development, QA, and operations with self-service capabilities leveraging a flexible interface layer. UI, API, or web services allow all DevOps knowledge workers to access prebuilt functionality (for example, provisioning a multi-cloud environment) or interoperate with your deployment pipelines in the manner most comfortable for them. This interface flexibility leads to higher productivity output from your software development lifecycle personnel.

For more information, please visit ca.com/automation.