

# CA Continuous Delivery Automation:

## Continuous Delivery from CA Technologies

### At A Glance

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

#### KEY BENEFITS

- Achieve continuous delivery and continuous deployment across the enterprise
- Zero downtime deployments with customized deployment strategies (blue/green, canary, rolling, dark, etc)
- 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; 500k-to-1 endpoint support
- Automation as Code
- Full support of open source software

### 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, ops personnel (or their development replacements) skillsets 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

CA Continuous Delivery Automation is an industry leading application release orchestration tool built on the industry-leading CA Atomic One Automation Platform. CA 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. CA 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?

CA 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 500k-to-1 deployment endpoints on a single clustered server. CA 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 CA Continuous Delivery Automation the entire IT portfolio is empowered to drive measurable results to the business.
- **Deepest Compliance and Audit Support:** CA provides more than just visibility into deployment plans/pipelines and the who, what, when, where and how of every deployment. CA 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. CA 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. CA 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:** CA Continuous Delivery Automation provides a very large, and ever increasing, set of pre-built integrations that will allow every team across the enterprise to use the OSS tooling that best fits their skill set and needs, while still providing the enterprise with an automation standard that delivers bottom-line financial results to the business.
- **Interface Flexibility:** CA 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 pre-built functionality (e.g., 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 SDLC personnel.

For more information, please visit [ca.com/automation](https://ca.com/automation)

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