

CA Release Automation

At a Glance

CA Release Automation is a proven end-to-end application release management solution for executing a successful DevOps, continuous delivery strategy. With this powerful platform, you can:

- Automate and standardize application releases from development through production to accelerate and stabilize deployments
- Plan, manage and optimize your release pipeline to improve quality, processes and teams

This enterprise-ready solution easily integrates with your continuous delivery toolchain and agilely scales as the volume, velocity and complexity of applications grow. CA Release Automation is ready to work in any enterprise, helping teams deliver high-quality applications faster than ever before, continuously.

Key Benefits/Results

CA Release Automation, part of the CA Technologies market-leading continuous delivery portfolio, offers:

- **Release Cycle Agility.** Fully automate releases of agile applications through development, test and production, deploying up to 20 times faster.¹
- **End-to-End Orchestration.** Manage thousands of composite releases across diverse environments with existing tools.
- **Continuous Optimization.** Improve release quality, processes and teams—reducing production errors by 98 percent.¹

All at Enterprise Scale.

Key Features

- **Open, scalable platform** integrates easily with any continuous delivery toolchain for end-to-end visibility and orchestration of releases and content through the software development lifecycle (SDLC).
- **Automated, model-driven deployment operations,** configured with visual workflow engine, enable standard, reusable processes for improved efficiency and quality.
- **Single control point for intricate release planning and execution** comprises release scheduling, release criteria checking, dependency tracking and conflict resolution.
- **Customizable release dashboard** provides transparency, governance, auditability, reporting and analysis of releases in the continuous delivery pipeline—supporting a culture of collaboration and improvement.

Business Challenges

Getting agile applications to market can be fraught with risk and delays due to manual release steps, time-consuming script maintenance, a disjointed toolchain and disconnected Dev, Test and Ops teams. Challenges include:

- **Pressure to deliver more, faster.** To keep pace with demands for new features and updates, the volume and velocity of releases must grow and include an efficient feedback loop—an impossible task if you ‘throw code over the wall’ to production.
- **Enterprise complexity.** With a myriad of tool preferences across multiple teams, orchestrating releases effectively is a juggling act. The array of application technologies and intricacies of environments and infrastructure also fuel complexity.
- **Downtime and failures.** Moving faster can lead to more mistakes (especially with manual or scripted processes) and ultimately to quality degradation. With no stable, resilient release pipeline, you face firefighting to get releases out and greater risk of problems in production.

Without end-to-end visibility and management of the entire application release pipeline, business growth is impeded. To address these challenges, continuous delivery—where high-quality software can be reliably released at any time—is key, and application release automation is the lynchpin.

Solution Overview

CA Release Automation includes two distinct building blocks to ignite and advance your continuous delivery practices:

- **Rapidly and reliably deploy application releases across diverse servers, data centers and cloud environments—development through production—with the core automation engine.** Develop complex release processes once, and re-use those processes across other applications, teams and environments to speed deployment, reduce manual errors and lower costs.
- **Plan, manage and optimize the continuous delivery pipeline with the CA Release Automation Continuous Delivery Edition.** This advanced module offers a single, “big picture” control point of the release pipeline for executing multi-team, multi-application releases. You can plan, schedule and govern releases (identifying dependencies and resolving conflicts), track and prioritize multi-part application content, and effectively troubleshoot issues.

Tools like application lifecycle management (ALM) and change management are easily integrated, helping to accelerate the feedback loop and scope future app features. You can enforce continuous delivery best practices and continually improve the quality and efficiency of processes and teams.

Critical Differentiators

CA Release Automation is a proven enterprise-ready solution that can help build an agile, resilient and scalable continuous delivery pipeline. Its open platform can integrate easily with your SDLC tools across the enterprise to holistically manage releases. It enables you to start small and scale big to manage thousands of composite releases across diverse servers, data centers and cloud environments—development through production.

CA Technologies customers have experienced significant gains from adopting CA Release Automation—helping them to prosper in their respective markets. Here are a few examples:

- Citrix improved deployment time by 94 percent.²
- ING increased release frequency to consistently over 12,000 per month.³
- Molina Medicaid Solutions reduced the cost of human error by 90 percent.⁴

In addition, customer validation of CA Release Automation’s total economic impact has shown a return on investment of 389 percent with payback in 2.8 months.¹

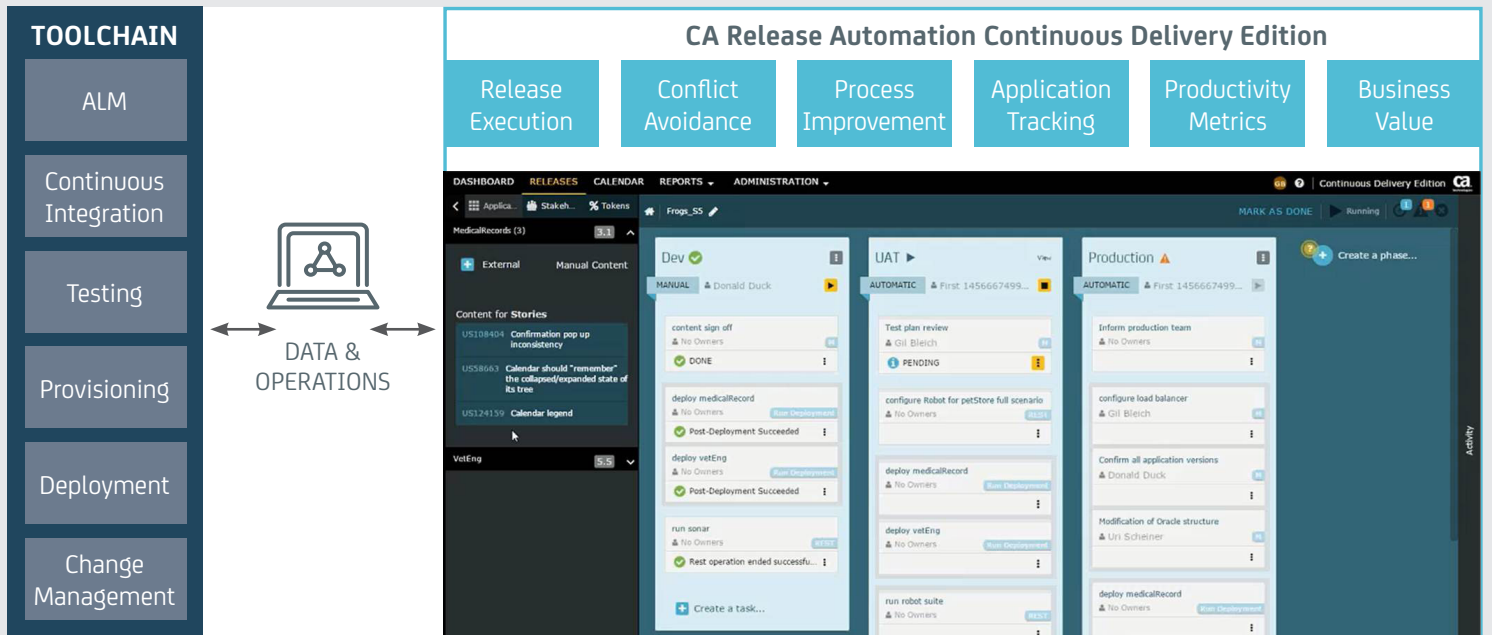
CA Release Automation is an integral part of the CA Technologies market-leading continuous delivery portfolio that also

includes agile development and test management products. CA offers a comprehensive and integrated solution set to help you achieve your continuous delivery goals.

Related Products/Solutions

- **CA Agile Central.** Build and deliver the right software with speed, quality and efficiency.
- **CA Service Virtualization.** Simulate unavailable systems/services to accelerate your development and testing of apps.
- **CA Test Data Manager.** Virtually create accurate, secure, reusable test data for better software testing.

Important Continuous Delivery Integration Points for Execution, Reporting and Analysis.



For more information, please visit ca.com/releaseautomation

CA Technologies (NASDAQ: CA) creates software that fuels transformation for companies and enables them to seize the opportunities of the application economy. Software is at the heart of every business, in every industry. From planning to development to management and security, CA is working with companies worldwide to change the way we live, transact and communicate – across mobile, private and public cloud, distributed and mainframe environments. Learn more at ca.com.

1 The Total Economic Impact™ of CA Release Automation from Forrester commissioned by CA Technologies, December 2015
 2 Citrix Boosts Business Agility and Accelerates DevOps Adoption with CA Release Automation, Customer Success Story
 3 ING Builds Highly Available Continuous Delivery Pipeline with Microservices and Containers, CA World® '15 Presentation
 4 Molina Medicaid Solutions Transforms Healthcare Through Automation, CA World '15 Presentation