CA LISA® Release Automation

At a Glance

CA LISA® Release Automation is an enterprise-class, multi-release solution built for application release operations and enables continuous delivery across the application lifecycle. IT operations, development teams and application owners use it to help:

- Simplify, standardize and execute application releases with less errors
- Improve business and operational agility by cutting release times
- Centralize application operations from development to production
- Automate application rollbacks for faster recovery and service continuity
- Ensure cloud readiness with built-in virtualization and cloud support

Key Benefits / Results

Customers can realize significant benefits from release automation, including:

- Reduced time-to-market and improved business agility
- Improved manageability, audit tracking and compliance
- Reduced release errors and cost
- Increased release capacity

Key Features

Application Release Automation. Reduce or eliminate manual or semi-automated scripts, replacing them with processes orchestrated across application stakeholders and environments to standardize, streamline and accelerate application change.

Continuous Delivery. An enterprise-class continuous delivery solution that takes release automation to the next level, providing an agile and collaborative application delivery chain.

IT Governance and Compliance. Enables IT organizations to handle the demands of rapid application deployments across environments while facilitating complete traceability and auditability.

Centralized Release Operations. Enables customers to bring together application stakeholders to design a standard application service model for deployment, maintenance, and remediation and recovery tasks.

Business Challenges

Today's IT organizations are under enormous pressure to deliver new applications and services to the market at an increasingly rapid pace. Today, applications are critical to the success of the business and in many cases they are the business. As a result, applications are constantly changing, and managing that change is a key component to maintaining business agility. Today, IT organizations are struggling with the following challenges:

Reduce Error Prone Tasks. Manual processes are error prone, expensive and time consuming. Development organizations are comprised of diverse teams, responsible for deploying code, data and content throughout all stages of application development lifecycle, each with its own specific requirements.

Multiply these tasks by the number of changes, application tiers and environments in addition to a growing, heterogeneous infrastructure, including physical, virtual and cloud, and you have an environment that can quickly become unmanageable.

Improve Time-to-Deployment. Complex infrastructure components require highly skilled resources to provision, test and deploy applications across your development, QA and production environments. Manual release processes are often inadequate for agile development methodologies. Executing change across each environment independently is time consuming, often requiring you to start from scratch with each and every update. In addition, tracking application changes and managing application drift across distributed data centers is cumbersome and time-consuming.

Reduce Operational Bottlenecks. When the operations team is bogged down by repetitive release tasks it becomes increasingly difficult to complete weekly application updates within a scheduled maintenance window. It becomes difficult if not impossible to retain the critical knowledge necessary to build repeatable processes for day-to-day or emergency operations. In addition, scaling the operations team to handle the increased workload from growing applications and data center operations can become cost prohibitive.

Solution Overview

Applications have become a key component of modern business. Users expect 24/7 availability along with continuously enhanced features. IT is adopting virtualization and cloud computing for faster access to infrastructure and compute resources, agile development to deliver application releases faster, and release operations for centralized control and zero touch application deployments.

Continuous application delivery is a practice that helps address these challenges of deployment. With CA LISA Release Automation customers can automate the delivery process and reduce the complexity of moving new applications through the development lifecycle and into production. Application deployment tasks are automated, errors are reduced, software releases are more reliable, and delivered at an accelerated rate. Customers using CA LISA Release Automation are also relieved from the cumbersome complexity of deploying applications to physical, virtual, or cloud infrastructure platforms commonly used at each stage.

Critical Differentiators

CA LISA Release Automation is a continuous application delivery solution that takes release automation to the next level, providing an agile and collaborative application delivery chain. It is designed to meet the demanding needs of enterprises for an automated end-to-end release process and includes:

Support for Continuous Application Delivery

- Enterprise-class, multi-release solution built for application release operations, enabling continuous releases across the application lifecycle.

- Automated application deployment, maintenance, remediation and recovery processes for physical, virtual and cloud infrastructures with Zero Touch Deployment™.

- Out-of-the-box, application-centric release operations for applications across physical, virtual and cloud environments

CA LISA Release Automation is a single, holistic solution for application release workflow design, testing and execution. It provides centralized management to control application releases across data center application teams, application environments and distributed data center infrastructures.
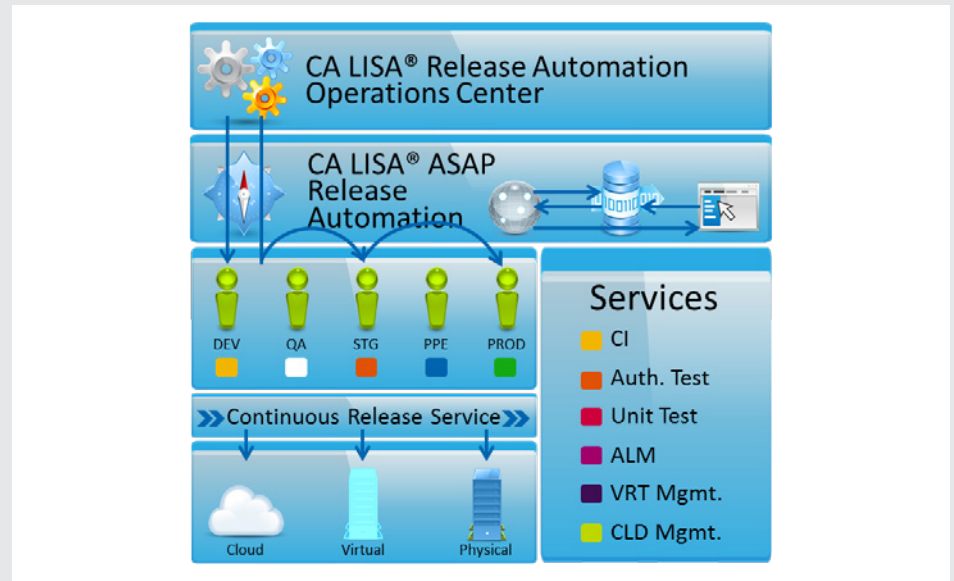
Related Products/Solutions

The CA LISA suite of products help organizations deliver applications faster to market, with superior quality and reduced costs:

CA LISA Service Virtualization. Helps customers move application development tasks earlier in the SDLC.

CA LISA Data Mining solutions. Leverages the intelligence harvested from application development, testing and production.

For more information, please contact your Sales Executive: 888-764-8888

Agility Made Possible: The CA Technologies Advantage

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