DevOps for Mainframe Application Development Solutions

ca technologies®

Overview

DevOps for Mainframe Application Development solutions from CA Technologies enable customers to develop and maintain mainframe applications with agile and modern methodologies, toolsets and coding languages.

"I work in a shop that has some CA Gen and some .NET and there are always problems on the .NET side when they go to production."

David Rothschild, President at CISS, Inc.

Source: IT Central Station, CA Gen Review, Dec 2 2016

Customer Benefits

- **Modern enterprise toolset.** Empower developers with a common development environment that supports Java™ and Eclipse.
- **Scaled agile.** Agile planning for mainframe teams via software integrations.
- **Single enterprise view.** Lifecycle tracking of software artifacts with integrations to common third-party tools for one view.

Business Value

- **Go agile** with agile processes and tools that speed time to market for mainframe teams.
- **Train your team** with modern toolsets and languages on the mainframe.
- **Integrate mainframe** into the development process with traceability and governance of software development life cycle (SDLC), mobile to mainframe.

Why CA

- **A trusted partner.** CA is the worldwide leader in Mainframe Application Development market for AD Mainframe Tools based on 2015 market share revenue as indicated by the latest Gartner market share update.[1]
- **Committed to digital transformation.** 70 percent of the Fortune 30 have achieved the scale and business agility to deliver the best customer experiences in the application economy with mainframe application development and quality and testing tools from CA.[2]
- **Delivers top value.** Customers enrolled in the CA Core Systems Consulting program on average achieved $2.1 million cost savings by standardizing on DevOps for mainframe solutions.[3]

Solution	Description
CA Application Lifecycle Conductor	CA Application Lifecycle Conductor improves business agility by removing barriers to faster time to market and improved reliability. Establish continuous feedback loops to improve governance, auditability, traceability and mobile-to-mainframe transparency. Simplify and store complex test relationships to automate and speed mainframe testing. Coordinate deployment with your preferred application release automation solution to streamline code releases.
CA Development Environment for z Systems	CA Development Environment for z Systems is a modern integrated development environment (IDE) for teams maintaining, supporting and developing mainframe applications. The software provides an enhanced toolset for developing and maintaining IBM® z/OS® applications quickly and efficiently. This rich set of COBOL, PL/I, HLASM, development tools designed for batch, IBM CICS®, IBM IMS™ and IBM DB2® environments are optimized for the workstation-based Eclipse platform. Developers can take advantage of a modern, interactive and integrated environment for enhanced productivity when creating high-quality mainframe applications.
CA Endevor® Software Change Manager	CA Endevor Software Change Manager (CA Endevor SCM) provides a standardized, reliable, automated approach to securing and managing mainframe assets. It is designed to automate your entire development process, adapting to your specific business requirements and helping ensure consistency and complete control. From the first line of modified code through deployment and change tracking, CA Endevor SCM can not only facilitate the software change process, but also help to naturally address DevOps challenges by streamlining deployments associated with the software that serves to differentiate and grow your business. **CA Endevor Software Change Manager Plus now includes:** ▪ CA Endevor Software Change Manager External Security Interface ▪ EZ/Key CMS for z/OS ▪ Interface for CA Librarian® ▪ Interface for CA Panvalet®
CA Gen	CA Gen is a proven model-driven development environment for designing, deploying and maintaining high-performance, scalable enterprise applications. Integrated modeling and code generation enable you to deliver platform-independent applications to run your mission-critical processes. It also enables you to use agile development methods to design and implement reusable software components, web-enable applications, modernize legacy applications and integrate systems. A single CA Gen application design can be used to generate native code and deploy to multiple platforms and architectures using a single developer skill set.
CA Plex	CA Plex helps organizations improve the productivity of their developers by providing a single, integrated environment for faster, more efficient application development. It uses predefined yet customizable building blocks called "patterns" to help developers more easily create and maintain large-scale business applications for multiple platforms, including Microsoft® Windows® /.NET/ AZURE™, Java/J2EE or the IBM Power Systems™/IBM i®. CA Plex helps developers make use of emerging technologies to increase productivity and deliver more cost-effective, higher-quality applications designed to meet the demands of the business.

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Solution	Description
CA Easytrieve® Report Generator	CA Easytrieve Report Generator is a powerful information retrieval and data management system for mainframe, UNIX®, Linux® and Windows environments. It combines an enterprise report generation facility with data manipulation functionality and provides access to data residing on the mainframe or other supported platforms via simple, easy–to–master CA Easytrieve language. This intuitive programming language is designed to enable novice users to produce simple reports while offering extended facilities experienced users can leverage to perform advanced tasks. **CA Easytrieve Report Generator for z/OS® Plus now includes:** ▪ EZ/Key™ CICS for z/OS ▪ EZ/Key CMS for z/OS ▪ EZ/Key TSO ▪ Easytrieve Report Generator Runtime **CA Easytrieve Report Generator CA IDMS™ Plus now includes:** ▪ Report Generator CA IDMS Option for SQL ▪ Report Generator CA IDMS Option for SQL and NON SQL **CA Easytrieve Report Generator CA Datacom® Option Plus now includes:** ▪ Report Generator CA Datacom Option for SQL and NON SQL ▪ Report Generator CA Datacom Option for SQL **CA Easytrieve Online Report Generator for TSO Plus now includes:** ▪ Runtime Report Generator for TSO ▪ Report Generator for TSO/XA DB2 **CA Easytrieve Online Report Generator for CICS XA Plus now includes:** ▪ Runtime Report Generator for CICS ▪ Report Generator for CICS SP DB2 ▪ Report Generator for CICS/XA DB2
CA 2E	CA 2E simplifies application development by incorporating development design models, native code generation and deployment facilities into a single development environment. Data–driven in its approach, CA 2E automatically generates the code, database designs and definitions, help text and other objects to build applications for the IBM i server (formerly called AS/400®). CA 2E helps developers accelerate the development of high–quality applications that can be easily maintained. It takes advantage of both traditional and newer IBM i supported technologies to effectively address key development trends, like component–based architecture and data integration across systems and platforms.

For more information, please visit **ca.com/mainframe-develop**

1. Gartner, Market Share: All Software Markets, Worldwide, 2015 report, March 31, 2016.; 2. Information based on Fortune 500 published October 2016, compared to CA Technologies mainframe customers that have licensed one CA product as of October 2016.; 3. The annual savings shown above are estimations derived from analyses of CA Technologies customer contracts. These values are not a guarantee of achievable results and will vary depending upon your current infrastructure, people and processes, as well as the appropriate, effective implementation, adoption and use of the CA Technologies solution.