



Achieve Greater Business Agility

If you don't provide the applications that customers expect, they'll find someone who will. To stay ahead of the competition, you need a modern software factory that includes your mainframe. Why? Because **55% of apps touch** the mainframe¹ and **5 billion lines of COBOL are added to live systems yearly.**²

Because **the mainframe drives mission-essential apps and services** for many organizations, it's critical to adopt DevOps and agile processes, toolsets and cultures to achieve the innovation velocity that you need to keep up with the competition and customer demands.

CA enables just that with end-to-end mainframe DevOps—on the mainframe and with the mainframe—for **greater** business agility that fuels better time to market and better mobile-to-mainframe collaboration.





CA Delivers Innovation that Unifies Mobile to Mainframe

CA enables system orchestration from a holistic view that spans your entire enterprise—one where the mainframe is not an exception but a participatory and integral part of your IT infrastructure, yesterday, today and tomorrow.

Agile Development

Develop and maintain mainframe applications with agile and modern methodologies, toolsets and coding languages.

Continuous Testing

Reduce test cycle times and mainframe testing costs for better time to market and mainframe economics.

Continuous Delivery

Remove the barriers to business agility on the mainframe, with automation to reduce time to market and manage skills gaps.

Agile Operations

Unify monitoring and performance management across mobile and mainframe teams for better mean time to resolution and lower skills costs.



Organizations leverage
CA mainframe solutions
for application development,
quality and testing and
software change management.

See why customers are choosing CA when evaluating competitive DevOps for Mainframe solutions, and the benefits they've achieved since making the switch.





CA Brings DevOps to Mainframe What Our Users Say

In a recent user survey of CA Gen, CA Endevor® Software Change Manager and CA Application Lifecycle Conductor, half of respondents experienced increasing performance pressure—an indicator of a DevOps environment—higher customer quality expectations and greater frequency of software releases and delivery.³











Retail company selects CA AppDev and achieves 40-60% reduction in costs versus Compuware.

"CA Testing Tools helps our applications development staff to debug and test mainframe applications efficiently and thoroughly and provide assistance in troubleshooting and resolution of production problems in batch and online applications."

-Small Business Retail Company

TechValidate, "Case Study: Retail Company Replaces Compuware and Achieves 40–60% Reduction in Costs," May 29, 2013, TVID: 370-94F-ACF







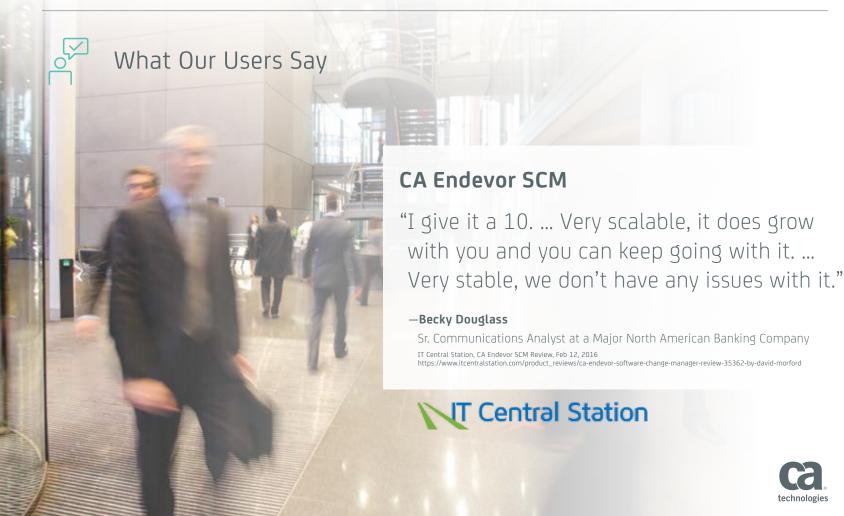




Standardizing on CA products, including CA Endevor Software Change Manager and CA Workload Automation, enabled the State of Oregon ETS to **deliver 15% more services at 20% lower cost**.

"White Paper: Mainframe Computing Provides Customer Value and Economies of Scale," Sep 2016









"I think the Endevor agile methodology is awesome. It's so nice to be able to provide input while the features are being designed. This way we know what the feature will look like before it's delivered.

-DevOps Engineer

Global 500 Health Care Company
Techvalidate, Oct 11, 2016, TVID F80-818-FCD









CA Endevor SCM

"Increases productivity, as it maintains version control for development in case developers want to regress or go back to a prior version. ... Technical support is 10/10."

-David Morford

President, Senior SEM Consultant at a tech services company with 1–100 employees

IT Central Station, CA Endevor SCM, Feb 12, 2016 https://www.itcentralstation.com/product_reviews/ca-endevor-software-change-manager-review-35362-by-david-morford

IT Central Station





"We have multiple teams within our organization.

CA Technologies has allowed us to run **parallel development** within our products and to effectively coordinate delivery and to manage multiple versions of software."

-Martin Eison

Senior IT Architect, Computer Sciences Corporation

TechValidate, CA Technologies Application Development Customer Testimonial, Jul 5, 2016, TVID: A42-AA4-CFI









Double productivity with CA Endevor SCM and CA Testing Tools

"We now spend more time testing and less time setting up the test scenario with CA Endevor SCM and CA testing tools."

-BlueCross Blue Shield of Illinois

TechValidate, "Case Study: Large Health Care Company Increased Productivity up to 100% with CA Endevor SCM and CA Testing Tools," Oct 16, 2013, TVID: 396-8D1-1Ft









CA Endevor SCM

"It's the best out there. ... Auditors love the product because it really satisfies a lot of the audit requirements."

-Phil Gineo

Snr Systems Engineer at a Health Care Insurance Company

IT Central Station, CA Endevor SCM Review, Jan 20, 2016 https://www.itcentralstation.com/product_reviews/ca-endevor-software-change-manager-review-36021-by-phil-gineo







Realize great ROI and value with CA Mainframe Application Tuner:

Reduced LPAR utilization to 80% in just two weeks

Shortened overall daily batch processing time from 14 hours to 7 hours

-German Insurance Company

Customer ROI study conducted by CA Technologie



Innovations across key areas enhance business agility and innovation velocity



Develop

Swiftly



Test

Early and Often



Deploy

Reliability



Operate

Efficiently

Agile Development

IBM Developer for

z Systems and Eclipse Plug-Ins with RCP's for all of CA Testing Tools

and CA Endevor SCM

Continuous Testing

Reduce costs, improve test data management and maintain security and data compliance with **CA Test Data**

Manager and CA Service

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Continuous Delivery

Automate, orchestrate or rollback sequential and parallel deployments with CA Endevor SCM and

CA Release Automation

Agile Operations

Unify, streamline and automate operations with Intelligent Mainframe Operations and End to End Application and

Infrastructure

Visibility

Change and Lifecycle Management Facilitates Continuous Feedback

CA Endevor® Software Change Manager

Virtualization

CA Endevor SCM Agile Integrations CA Endevor SCM Java Support

CA Application Lifecycle Conductor

Open, Extensible SDK (Git, JIRA, HP ALM) Extensible Traceability via DevOps Catalog



Learn more about how CA can help you build agile and DevOps for mainframe capabilities that deliver innovation velocity and results. Visit ca.com/appdev



Connect with CA Technologies at ca.com

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 Valerie Dennis, New Products Bring Together Transactions and Analytics, October 2014 http://www.ibmsystemsmag.com/mainframe/trends/IBM-Announcements/Analytics-Accelerator-BigInsights/; 2. Rick Miller, COBOL Might Not Be Your Granddaddy's Programming Language, March 30, 2015 https://www.etindy.com/blog/cobol-might-not-be-your-granddaddys-programming-language/; 3 TechValidate survey of 294 users of CA Technologies application development, Dec 10, 2015, TVID: 035-486-63A

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