

# Develop Apps, Mobile to COBOL

## Achieving agile with CA Technologies





Mainframe remains a critical lever for customers to realize their digital transformation agenda. With 80 percent of all transactional data worldwide residing on this modern IT platform, combined with mainframe's proven availability, scalability and security, it's also becoming the platform of choice for new technologies and imperatives like blockchain, hybrid cloud, instant payments and data privacy regulations.

To deliver on the potential for transformative innovation, application development must maximize the latent value of legacy application code—**and fast**.

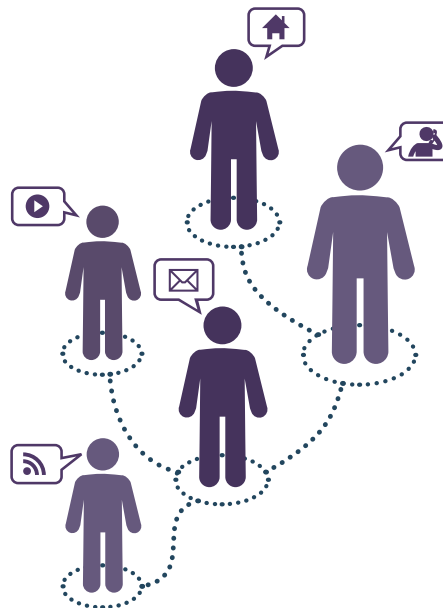
Most organizations today find that even small changes may take eight to 12 weeks to build, test, and deploy—far too long to meet the agility required for digital transformation.

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## Legacy systems are a critical lever to your digital transformation agenda

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Organizations need the ability to easily manage, develop and maintain cross enterprise applications using diverse teams and different tools, across different platforms—all to maximize developer productivity and application quality.  
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### ◀ DID YOU KNOW? ▶

Over 220 billion lines of COBOL code live on the mainframe, and with its virtually limitless scale, mainframes worldwide process 1.3 million CICS transactions every second.





Agile is an iterative development process and critical to digital transformation. It taps the voice of the customer early and often, ensuring that the organization is building the right products and features, and delivering them with quality and predictability. It also empowers employees, by aligning their work with the strategy of the business.

*We are transitioning the mainframe teams to agile development to improve the productivity of application developers.*

Voice of the customer



Advanced agile users accelerated the time to develop, test and release new apps by 36 percent

## Go agile: Agile processes and tools speed innovation on legacy applications.

### How CA Helps

- Scaled Agile framework (SAFe®) methodology and process training
- Agile planning for mainframe teams with CA Agile Central and CA Application Lifecycle Conductor
- Agile and continuous delivery with CA Endevor® Software Change Manager

> [Learn more](#)

### < DID YOU KNOW? >

CA transitioned to agile development over two years ago, adopting SAFe® in concert with CA Endevor SCM. Since then, 56 product releases have been made with zero net new defects, resulting in:

- **46%** reduction in sustaining engineering backlog
- **44%** reduction in overall backlog of customer support calls
- **31%** reduction in incoming support calls





Organizations must tackle skill shortages and the lack of sufficient mainframe knowledge. While a significant portion of seasoned staff continue to retire yearly, a new generation of developers must become comfortable working with legacy data and applications.

*I need an easy way to train new hires with cloud, distributed skills to enable them to pick up the mainframe work.*

Voice of the customer



#### How CA Helps

- Modern integrated development environment (IDE) for all developers with Eclipse-based UIs into testing tools and software change management
- Visual debugging to quickly understand the context of your mainframe applications in the greater scheme
- Support for Git and Java for the best of mainframe development and SCM without the legacy tooling interface

> [Learn more](#)



Customers of **CA Development Environment for z Systems** on average realized a 20 percent increase in developer productivity.

**Onboard your team quickly** with modern toolsets and languages that seamlessly integrate legacy code



**40%**

#### Modernize Over Migrate

40 percent of customers moving applications off the mainframe experience increased costs, longer time to market, increased complexity and reduced security.

Organizations continue to manage against escalating consumer demands and emerging regulations such as the EU General Data Protection Regulation (GDPR). To survive and thrive, businesses must simplify and automate management of the software development lifecycle (SDLC) to maximize the value of its investment in its people, products and processes.

Transforming application lifecycle management with automation is critical to maintaining velocity in delivering game-changing applications to market with minimal risk.

#### How CA Helps

- Track software artifacts across the SDLC
- Integrate to common third-party tools for better automation
- Leverage managerial dashboards for one view of development mobile to mainframe

> [Learn more](#)

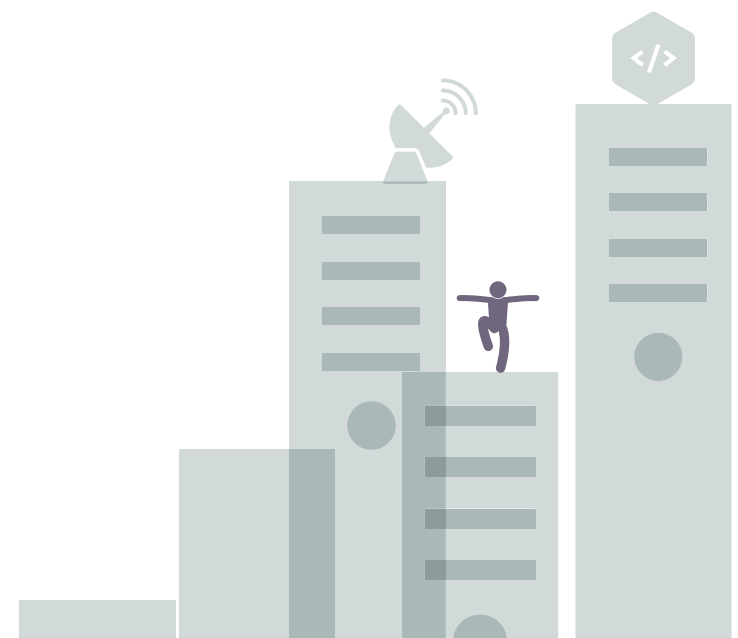
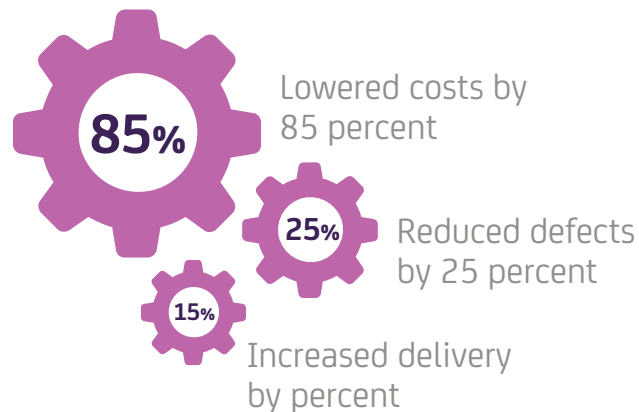
*“My mainframe developers are siloed from the rest of my development teams—this contributes to implementation challenges.*

Voice of the customer



## Integrate legacy code and simplify how you manage the SDLC

A large global bank utilized **CA Application Lifecycle Conductor** to improve its agility and deliver a better, more reliable customer experience.





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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](http://ca.com).

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## **CA empowers customers with agility, automation, insight and security.**

Our solutions enable you to develop and maintain legacy applications with agile and modern methodologies, toolsets and coding languages—giving you a common set of tools to work from across the enterprise to accelerate time to market and deliver a superior customer experience.

**Start Now**



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