

# Application Lifecycle Management with CGI AgileIQ Suite

**A**gile methodologies and DevOps are changing the pace of application development. Project managers are adopting these methodologies and expecting rapid, frequent software releases to realize business benefit and return on investment. CGI AgileIQ Suite empowers teams to build better software with an advanced development platform and exceptional transparency.

CGI AgileIQ Suite is a comprehensive development platform designed to support the breadth of application lifecycle management (ALM) activities. CGI AgileIQ Suite provides a tightly integrated set of tools that enable teams to define, build, test and deliver applications with unprecedented velocity, control and uncompromised quality. The platform is focused on agile project management, DevOps-based automation, and CMMI-DEV 1.3 Level 3 processes to enable continual improvement, collaboration and frequent delivery of working software. CGI AgileIQ Suite bootstraps the agile workforce and supports end-to-end application lifecycle management to:

- Plan** Create a product roadmap centered on business requirements to achieve incremental goals. Establish a product backlog of features, epics and user stories. Map development cycles into iterations for a minimum viable product and future feature delivery.
- Design** Collaborate with stakeholders on project decisions and designs. Create mockups of user experience themes and principles for product development. Establish traceability between requirements and user stories. Maintain a knowledgebase of product decisions and architecture.
- Develop** Get insight into all code development. Measure technical debt and code quality in real-time to reduce defects, improve software quality and increase security. Manage agile application development and maintenance through backlogs, sprints and user stories with customizable Kanban workflow visualization tools.
- Test** Ensure the delivery of business value and minimize risk through a comprehensive collection of test cases. Link user stories with test cases to align requirements with test coverage. Support test-driven development. Gain immediate feedback by automating unit tests.
- Deploy** Enable streamlined DevOps for faster application delivery through continuous integration and continuous deployment. Provide user story accountability for application releases.



## CGI AGILEIQ SUITE CAPABILITIES

- Requirements and design collaboration
- Backlog definition through features, epics and user stories
- Application roadmap, release and sprint planning
- Visual management using Agile and Kanban boards
- Executive program management dashboard
- Real-time team reporting
- Source code control
- Code quality metrics and peer review
- Automated unit and integration testing and code coverage
- Functional test case management
- Continuous integration and continuous deployment

## CGI AGILEIQ SUITE TOOLS

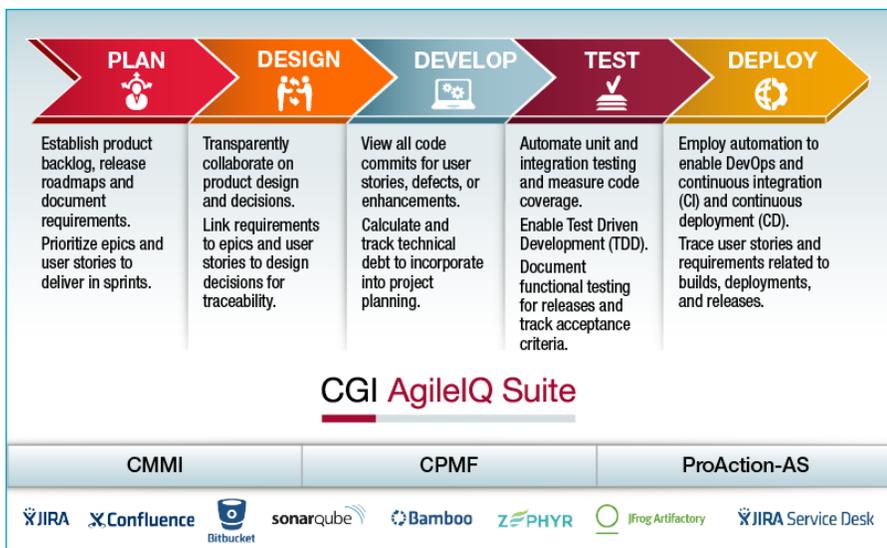
- JIRA Software and Service Desk
- Confluence
- Bitbucket
- Bamboo
- Artifactory
- SonarQube
- Zephyr

## BENEFITS OF CGI AGILEIQ SUITE

- **Insight** through a single-pane-of-glass view of project execution
- **Collaboration** between stakeholders using agile principles
- **Productivity** through real-time KPIs and dashboards
- **Effective management** across an application portfolio
- **Seamless integration** across the entire application lifecycle
- **Concurrent support** of new development and ongoing maintenance

## TOOLS TO SUPPORT AGILE TEAM METHODOLOGIES

CGI AgileIQ Suite capabilities encompass all phases of software development and maintenance including requirements management, software design, development, testing, build management, deployment, change management and project management. The platform incorporates open source and industry leading tools, integrated with Capability Maturity Model Integration (CMMI-DEV) practices and CGI's Client Partnership Management Framework (CPMF) to provide end-to-end traceability from requirements to working products, applications and services.



## DIGITAL TRANSFORMATION ENABLEMENT

Enabling digital transformation requires software development, operations expertise and quality assurance to work in concert to facilitate true DevOps capabilities. The CGI AgileIQ Suite toolset is centered on collaboration, allowing engineers, operations and quality analysts to work together in real-time to create solutions that streamline UX principles, improve security and are immediately deployable. CGI AgileIQ Suite integrates directly with the CGI Unify360 hybrid IT management platform to automate and secure cloud hosting environments for applications.

## CGI PROACTION-AS

CGI ProAction-AS is a disciplined and objective approach to application services management that focuses on outcomes, not resources. CGI AgileIQ Suite is a platform for collecting ProAction-AS data and visualizing KPIs. ProAction-AS is helping clients worldwide achieve their strategic IT goals, including modernizing their portfolios, becoming more agile, reducing operational costs, driving digital transformation, enhancing cybersecurity and embracing new delivery models to better align revenue and costs. Learn more about ProAction-AS at [cgi.com/en/application-services/cgi-proaction-as](http://cgi.com/en/application-services/cgi-proaction-as)

## ABOUT CGI

Founded in 1976, CGI is one of the largest IT and business process services providers in the world, delivering high-quality business consulting, systems integration and managed services. With a deep commitment to providing innovative services and solutions, CGI has an industry-leading track record of delivering 95% of projects on time and within budget, aligning our teams with clients' business strategies to achieve top-to-bottom line results.

For more information about CGI, visit [www.cgi.com](http://www.cgi.com) or email us at [info@cgifederal.com](mailto:info@cgifederal.com).