

- Do you need to release software faster?
- Do you need to increase application quality?
- Are you trying to adopt agile and DevOps methodologies?
- Are you looking to automate the application build, testing, and deployment?

CONTINUOUS DELIVERY ASSESSMENT

Build your high performance DevOps software delivery strategy

Companies are rethinking their application delivery methodologies and investing in DevOps practices in order to deliver robust applications while improving application quality. Rogue Wave Software developed the blueprint for continuous delivery, built from our experience with many enterprise customers across platforms. Its designed to simplify and accelerate the process of bringing high-quality applications from code to production, and to integrate all the key processes involved: From source control, to continuous integration, to automating infrastructure provisioning and application release process.

Continuous delivery removes the traditional obstacles, automates manual steps, and provides best practices to ensure fast and high-quality application delivery. The Continuous Delivery Assessment enables development and operations leaders to evaluate their current maturity level and develop a roadmap for implementing a robust continuous delivery practice.

Transform your software development practice

When implemented collaboratively by dev and ops teams, continuous delivery drives agility in the software development practice, allowing frequent software releases. Companies with a mature DevOps practice have experienced an average of 19 percent revenue increase generated by the application, 20 percent reduction in time to market of new capabilities, and 21 percent growth in delivering new software that would otherwise not be possible to complete. They also experienced 50 percent fewer failures and are able to restore service 12 times faster than their peers.

Average results of investment

21% increase in new software and services delivered

22% improved quality of deployed applications

19% increase in revenue

50% fewer failures

Sources: [1] Study of 1,300 IT executives and managers – CA Technologies, Sept 2013;
[2] Survey of 4,000 IT Operations professionals – Puppet Labs, April 2013

Adopt the continuous delivery blueprint methodology

Rogue Wave Professional Services follows a comprehensive methodology driven solution based on years of expertise working with large companies to implement continuous delivery and DevOps best practices. Our structured methodology utilizes the Rogue Wave continuous delivery blueprint, which is a collection of patterns—best practices, code integrations, and software development kits that help companies both implement the individual steps of continuous delivery and tie the entire process together.

Continuous delivery blueprint				
Version control	Continuous integration			Infrastructure automation
	Build	Code quality	Packaging	
Developers working in branches. Trigger CI when merging into main trunk.	Pull & organize application artifacts & dependencies.	Run unit tests & static code analysis tools to ensure code quality.	Assemble application artifacts incl. dependencies & configuration into a deployable validated package.	Automated provisioning of infrastructure resources & platforms.
Release automation	Quality control & approvals		Infrastructure automation	
Automated application deployment across all runtime environments.	Project specific functional testing & production sign-off.		Provide instant feedback & diagnostics on deployed application to development & operations teams.	

Develop your roadmap to continuous delivery

The Continuous Delivery Assessment presents you with an effective roadmap to adopt automation in your software delivery processes. Our consultants will present recommendations on the best routes and proper technology investments to progress towards an integrated continuous delivery approach and improvements to maximize the efficiency of the DevOps teams.

Our consultants will interview your development and operations leaders (typically 2-4 interviews of 1-2 hours each) to understand their business objectives and technical goals and will evaluate the relevant processes and procedures around the application's development and delivery, level of automation, coding and testing practices, and tools utilized by your teams. The data will then be assessed in relation to the requirements of the different continuous delivery blueprint steps as well as best practices developed and implemented in similar organizations. The resulting report is presented to you by our consultant. It details how your CD practices compare to the benchmark established by the Rogue Wave model.



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