

DATASHEET

Continuous Delivery Assessment

- 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?

Build Your High-Performance CI/CD Strategy

Companies are rethinking their application delivery methodologies and investing in DevOps practices in order to deliver robust applications while improving application quality. Zend developed an efficient and effective blueprint for implementing continuous delivery, one built upon our years of experience in enabling enterprise customer success. 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 an application release process.

CI/CD removes traditional obstacles to software development, automates manual steps, and provides best practices that ensure fast and high-quality software 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.

Improve Quality, Increase Revenue, and Increase Delivery Rate With CI/CD

When implemented collaboratively by development and operations 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

Adopt the Continuous Delivery Blueprint Methodology

Zend 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 Zend 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 practice compare to the benchmark established by the Zend model.

About Zend by Perforce

Zend by Perforce helps organizations use enterprise PHP to build innovative web and mobile solutions, and modernize existing applications. Used by Fortune 100 companies, our proven enterprise PHP offerings include secure, fully-supported PHP runtimes, software infrastructure, tools, certifications, and enterprise long-term support for PHP 5.6 and 7.1.

For more information, visit www.zend.com.