DEVOPS

INCREASE THE QUALITY AND SPEED OF CRITICAL SOFTWARE PROJECTS

Our DevOps practice focuses on creating secure, scalable environments for your mission-critical applications in order to accelerate software delivery and embrace Digital Innovation for competitive benefit. We excel at implementing modern software development techniques, technologies, and processes in nonstandard, legacy, highly regulated, and other unique environments. From deploying complex embedded code on physical products to working with legacy locked-down infrastructure, we can help improve your development environment and outcomes.

We partner with you to emphasize a culture of collaboration and learning, and implement proven best DevOps practices at the intersection of software development, QA and IT. By making DevOps a priority and following our guidelines, you'll be able to accelerate time to market, seamlessly meet growing demand and lower operating costs. Most importantly, you'll make the customer experience even more exceptional by delivering high-quality products and solutions.

HIGH-PERFORMING DEVOPS TEAMS

Deploy their code **46x** more frequently & **400x** faster, have a **5x** lower likelihood of their changes failing and recover from failures **96x** faster.

Source: DORA 2018 State of DevOps Report https://puppet.com/resources/whitepaper/state-of-devops-report
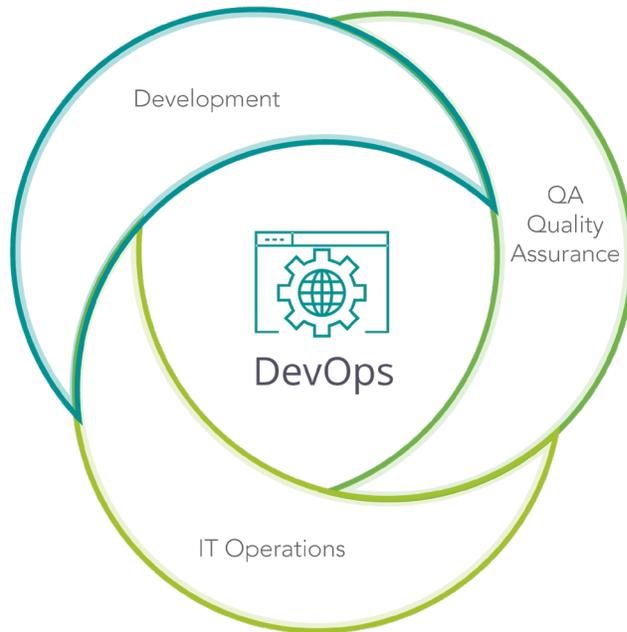
TOOLS & ENVIRONMENTS

Ansible	Git
AWS	Jenkins
Azure	Puppet
Chef	Vagrant
Docker	VMWare
	Virtualbox

CUSTOMER SUCCESSES

Our DevOps experts have helped our clients achieve their business goals:

> Transformed single-threaded development on one laptop to a collaborative environment with CI/CD, eliminating single point of failure and establishing disaster recovery capabilities

> Integrated disparate technologies to link smart cold-chain shipping containers to newly developed app and underlying logistics and management systems from different companies, resulting in significantly greater product viability during transport

> Created agile software development lifecycle process that resolved performance issues in vehicle safety monitoring system by tracking bugs and requirements

To see where your organization is in your DevOps journey, try our Maturity Model Assessment Tool https://devopsmaturity.base2s.com

Development

QA
Quality
Assurance

DevOps

IT Operations

WHERE WE CAN HELP

Whether you need improvement in a specific area of your development cycle or a net-new DevOps environment, our experts can optimize your product development environment and processes. We build on the strength of your development and product teams to accelerate projects and make internal teams successful.

High availability. Our approach focuses on ensuring high availability of your mission-critical systems and infrastructure.

Disaster recovery. The same tools and processes used to automate and simplify development also serve to accelerate recovery from system failures.

Continuous integration (CI). Our senior-level DevOps experts establish the right architecture, tools, and processes to create, build, and test code in a collaborative fashion and ensure it meets the highest levels of quality every step of the way. We resolve common pain points such as streamlining the build process so that defects don't get baked into the code and are caught early and often.

Continuous delivery (CD). We develop processes that enforce ongoing quality and ensure consistent environments from design to production. This allows you to confidently push code to multiple servers and locations in minutes rather than hours or days.

Security. We institute appropriate security controls throughout the software development pipeline to analyze code and test for vulnerabilities, along with ensuring that your infrastructure is protected from outside vulnerabilities, whether in the cloud, on-premise, or both. Vulnerabilities can be quickly and easily addressed without impacting ongoing development activities. We bring in CISSP- and CSSLP-certified consultants from our Information Security practice as needed throughout the development process and to train your team on the latest security technologies and principles.

Flexibility and scalability. We build with flexibility in mind so your environment can be deployed on-premise, in the cloud, or in a hybrid model, and we make sure your cloud environment is configured properly. Our architectures, tools, and processes can be reused and implemented to support future projects with a common infrastructure. This allows resources to scale seamlessly and reliably so that your applications can grow with the needs of the business.