The call for federal agencies to adopt high-velocity DevOps practices has accelerated as citizens expect faster and more frequent software releases. To address issues such as slow cycle and batch times, many organizations in the private sector have set out on their DevOps transformation journeys and are already reaping the benefits. According to the 2017 State of DevOps Report, DevOps practices are helping organizations:

- Foster high-performing teams with faster throughput and better stability
- Speed up delivery cycles and improve deployment frequency by 46x
- Provide a continuous feedback loop with customers
- Improve lead time for changes by 400x
- Lower change failure rates 5x

So the question becomes: how can the federal government achieve the same DevOps successes as are being realized in the commercial sector? Driven by an ever-intensifying demand to transform operations and meet citizens’ digital expectations, federal agencies face unique challenges to transformation if they want to realize those same benefits. Cumbersome legacy technology and aging infrastructure, contractual and compliance obligations, mandates and regulations—not to mention budgetary constraints—all converge to hinder transformation.

A DEVOPS TRANSFORMATION APPROACH WITH GOVERNMENT IN MIND

As a commercially-led integrator with the experience and expertise to bring commercial innovation to government, CGI enables DevOps transformation in the federal space by applying our end-to-end transformation approach.

Assess

We perform a readiness assessment of your organization, team structure and processes. By researching current documentation and—most importantly—talking to the people who perform the day-to-day work, our DevOps coaches develop an in-depth understanding of how your agency operates and how we can best facilitate a conversation between the different parts of your organization.

Key features of the assessment include full SDLC mapping, developing a comprehensive view of the current (“as-is”) state of your infrastructure, environment and security processes—from requirements to development to testing activities to production deployment and monitoring.

CGI’s DevOps Maturity Model provides the benchmark for assessing the current state and foundation for a transformation roadmap.
REALIZING IMPROVEMENTS WITH CGI’S DEVOPS APPROACH
CGI’s worldwide DevOps experts are already helping clients realize DevOps benefits, such as:

- Reduced development maintenance cost by up to 6X
- Auto-scaled for peak enrollment time by 5X
- Reduced build timeframes from quarterly to nightly
- Reduced code deployment to production from 4-6 hours to 15-30 minutes
- Increased speed to market up to 92%
- Automated deployment success rate up to 99%

ABOUT CGI
Founded in 1976, CGI is one of the world’s largest IT and business consulting services firms. We help clients achieve their goals, including becoming customer-centric digital organizations, through high-end IT and business consulting, systems integration and outsourcing services combined with a unique client proximity model and global center of excellence network.

For more information about CGI, visit www.cgi.com or email us at info@cgifederal.com.