

The DevOps Simulation:

Take the Ultimate Test Drive



Part of Capita plc

Will you sink or swim in this fast-paced **DevOps** world?



You'll already know that there are many hurdles to DevOps success.

Over 50% of large IT enterprises are using or intending to use a DevOps approach. Less than half of them are reporting any level of success*. The key reasons; Processes and People.

The G2G3 DevOps Simulation unleashes the DevOps difference and its core principle, collaboration, supported by automation.

What is involved?

The DevOps Simulation is a half-day, role-based game, focused on the software development and deployment lifecycle. Typically 12-20 participants take part. On the day, participants are split into five teams: *Business, Development, Testing, Release and Operations*.

Interact with different mindsets and stakeholders

In three short rounds, working across departments, each team completes tasks and reviews their results, e.g. applications completed, time-to-market window, cost and ROI, compatibility and performance. The aim is to tear down isolated work boundaries step by step. In stages, the benefits of DevOps practices across enterprise organizations become crystal clear.

What will you learn?

You will leave understanding how adopting DevOps can:

- Complete and deliver a number of applications successfully
- Satisfy time-to-market demands
- Reduce cost and drive ROI
- Increase engagement and visioning at CXO level
- Improve cross-organization team performance
- Enhance business understanding of combined Development and Operations' value
- Provide the 'AHA!' moment when everybody 'gets it'

Dev and Ops will often struggle to talk to each other, much less collaborate in the face of heavy workloads and customer demands.

Experience for yourself the difference the DevOps Simulation can make.

*Gartner 2015

 **DEVOPS**
SIMULATION

Working **in a team**, you will see first-hand how businesses that embrace DevOps best practices can drive ROI and reduce cost.



The rounds

Chaos!

Participants are quickly immersed into a real-life complex application development scenario. Chaos ensues, with poor communication and a lack of collaboration resulting in significant customer frustration, low trust between teams, lack of agility, poor business performance, higher development cost, longer testing times, lack of priority and more.

As a result, opportunities are lost and revenues are negatively impacted with manual, time consuming processes highlighted.

Following the first round a review is facilitated to identify the issues and to discuss how a DevOps approach could drive improvement.

Improved!

Round 2 builds upon the learning outcomes from the previous round. Silos begin to break down and DevOps processes are introduced such as Automated Release, Fail Faster and more. This drives maturity and empowers the team towards automation, building a more collaborative culture, and ultimately improved business results. Team focus begins to switch towards a "Product" rather than a "Project" mind-set and the information stream starts to "Shift Left." The importance of continuous integration and continuous delivery is introduced.

Optimized!

Building on the learning outcomes of Round 1 and 2, participants learn that instilling a DevOps culture is key to achieving operational excellence. The team experiences a pronounced shift in the reduction of development times and the number of errors each application had before reaching operations. The need for enhancements driven through analytics is highlighted. The effectiveness of Test and Behaviour Driven Development coupled with Continuous Testing is realized. Through collaboration, streamlining, automation and repeatable practices, participants realize improved ROI and optimized business results. Overall there is strong reinforcement in the desire to continuously refine the "way of doing things" to ensure quality is built in at the front of the product lifecycle.