

# DEVQUALOPS: SUCCESSFUL TESTING FOR DEVOPS-DRIVEN INNOVATION

## MARKET LANDSCAPE REPORT

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## INTRODUCTION

Quality management, testing, and customer experience all need to be considered by design if they are not to get in the way of successful DevOps-driven innovation. Against this background, the question becomes: how to turn testing into a driver of innovation and wealth creation, rather than (as it is often seen) a bottleneck? In this report, we look at all aspects of continuous application testing, starting, and ending with customer needs and covering every stage along the way.

## REPORT TOPICS

- **Elements of testing and quality in the DevOps cycle**
  - The overarching role of the customer
  - Different facets that need to be treated "by design"
- **Process and strategy considerations**
  - What needs to be in place strategically
  - Impact on roles and responsibilities
- **Tooling and framework considerations**
  - Tools options for continuous testing across the DevOps lifecycle
  - The importance of management visibility and dashboards

## ARE YOU PREPARED?

- Why is testing seen as a bottleneck rather than as an enabler?
- How to change strategic thinking to deliver quality by design?
- What tooling and infrastructure are required in support?
- Where are the low-hanging fruit, and what needs to be prioritized first?
- What new opportunities emerge, such as dynamic A/B testing of new features?



JON COLLINS

Jon is a **seasoned analyst and technology commentator**. With 28 years' background in the technology industry, Jon has a deep understanding of global infrastructures, architectures, security and governance, as well as hands-on experience of delivery in a variety of sectors. Jon is author of a Security Architect book for the British Computer Society and co-author of The Technology Garden, which offers jargon-free advice on sustainable IT delivery. He has written numerous papers and guides about getting the most out of technology, and is an accomplished speaker, facilitator and presenter.

In Jon's varied career he has acted as **IT manager and software consultant, project manager, training manager, IT security expert and industry analyst**. In recognition of his insightful, yet down-to-earth approach, Jon was named European analyst of the year by the Institute of Industry Analyst Relations in 2009.



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