

VALUE STREAM MANAGEMENT IN THE ENTERPRISE

ASSURING BUSINESS VALUE DELIVERY FROM DEVOPS

MARKET LANDSCAPE REPORT

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INTRODUCTION

Based on lean manufacturing principles, Value Stream Management is being seen as the next big phenomenon in the enterprise software delivery and IT operations space, addressing management, governance, and cultural challenges enterprises face of delivering DevOps-based innovation at scale. Foremost of these is how the ad-hoc, developer-focused nature of many CI/CD pipelines adds complexity and reduces visibility, making it harder for decision makers and teams to be sure they are delivering effective solutions to their organizations and customers, and undermining the very benefits DevOps is supposed to bring to the enterprise.

By focusing on business value at every step of the way across the entire pipeline, Value Stream Management increases DevOps effectiveness at the same time as reducing wasteful effort that can be better spent on software delivery. At the same time, it requires the right combination of management-level thinking, well-mapped processes, and supporting tools to ensure that DevOps pipelines are aligned with business value delivery across the organization, adding structure and visibility without creating bureaucracy. This report looks at how value stream management addresses enterprise challenges of DevOps and sets out how to ensure that it can deliver on its potential.

REPORT TOPICS

- **Drivers to Value Stream Management**
 - Challenges of scaling DevOps in the enterprise
 - Lean principles and the learning organization
- **Process and strategy considerations**
 - What needs to be in place strategically
 - Impact on roles and responsibilities
- **Tooling and framework considerations**
 - Tools options across the value stream
 - Management and governance dashboards
 - Emerging frameworks and standards

ARE YOU PREPARED?

- What overheads does VSM impose to existing approaches?
- How does it assure the effectiveness of your innovation?
- What roles need to be in place to maximize benefits?
- What tooling and infrastructure are required in support?
- Where are the low-hanging fruit, and what needs to be prioritized first?



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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