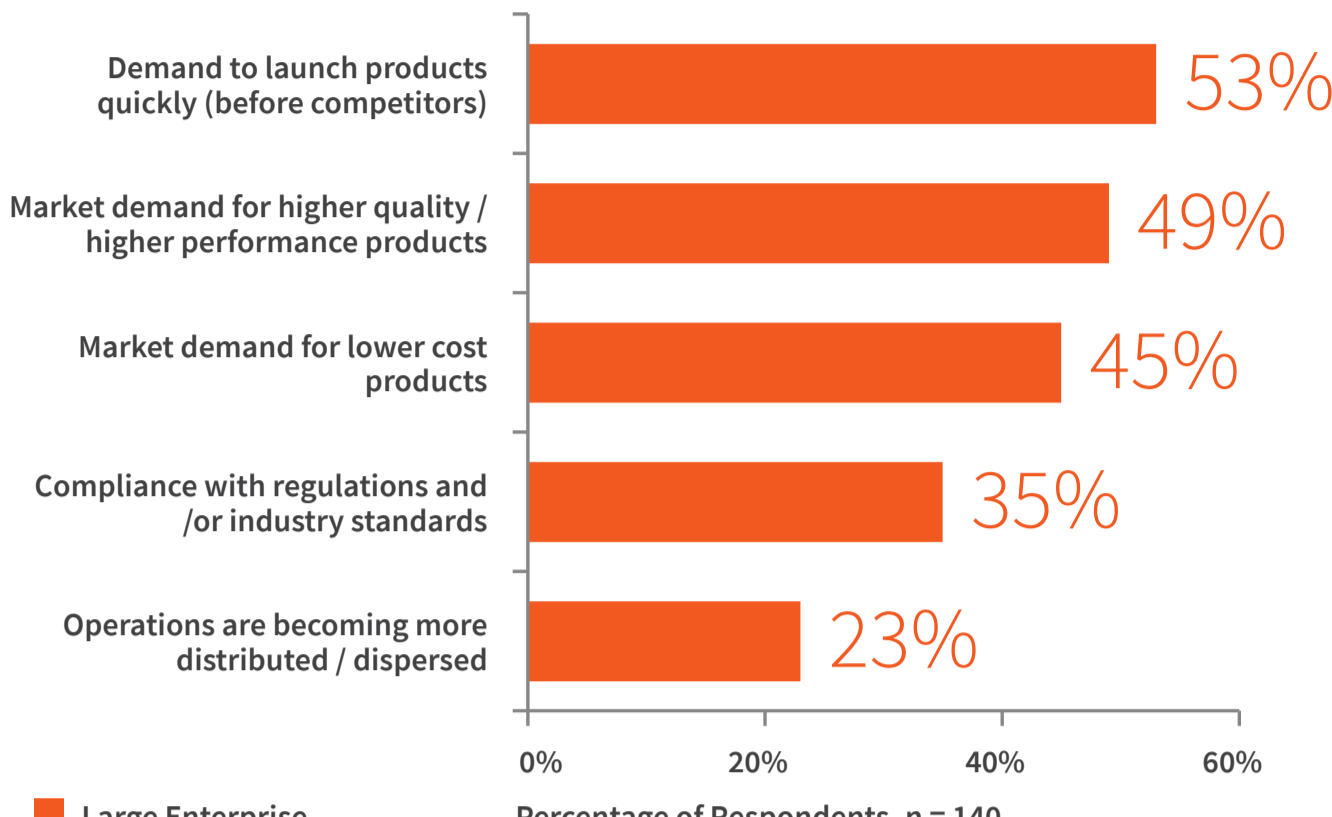


HOW BEST-IN-CLASS COMPANIES IMPLEMENT AGILE ACROSS THE ENTERPRISE

The Need for Agile

To produce higher quality and complex products that meet tight delivery schedules, large enterprises need the flexibility and the ability to adapt requirements to evolving customer needs. The changing landscape of product development requires enterprises to move away from the rigid and sequential Waterfall methods.

Pressures Large Enterprise Face



Source: Aberdeen Group

The Agile process is one way that large enterprises have addressed these pressures. Its methodology gives companies the flexibility to adjust and assess a project throughout the entire development cycle by having small review cycles known as “sprints” or “iterations”. At the end of each mini-cycle, teams deliver and review on a product increment.

The Manifesto for Agile Software Development

The Agile Manifesto, developed by 17 software developers in 2001, values:

Individuals and interactions over processes and tools



Working software over comprehensive documentation

Customer collaboration over contract negotiation

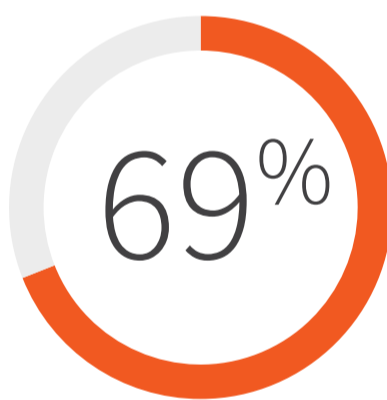


Responding to change over following a plan

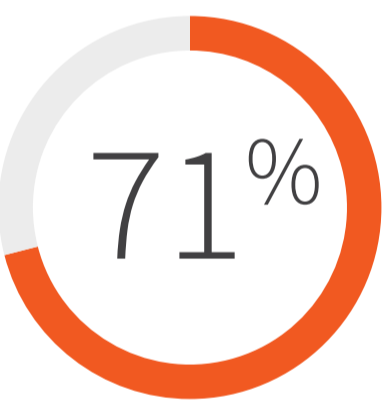
Source: Aberdeen Group

Best Practices for Enterprise Agile

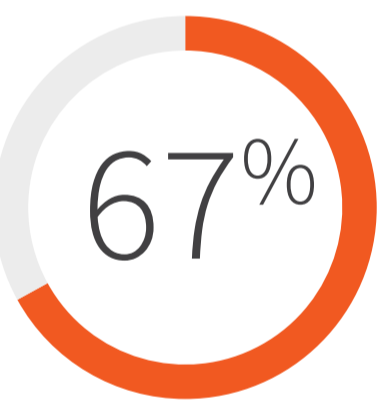
What do Best in Class Companies do to Support Product Development?



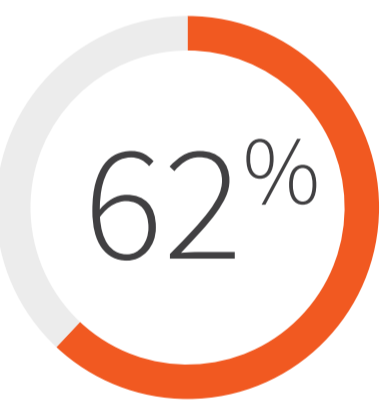
Short daily coordination meetings held



Design/iteration reviews include all stakeholders

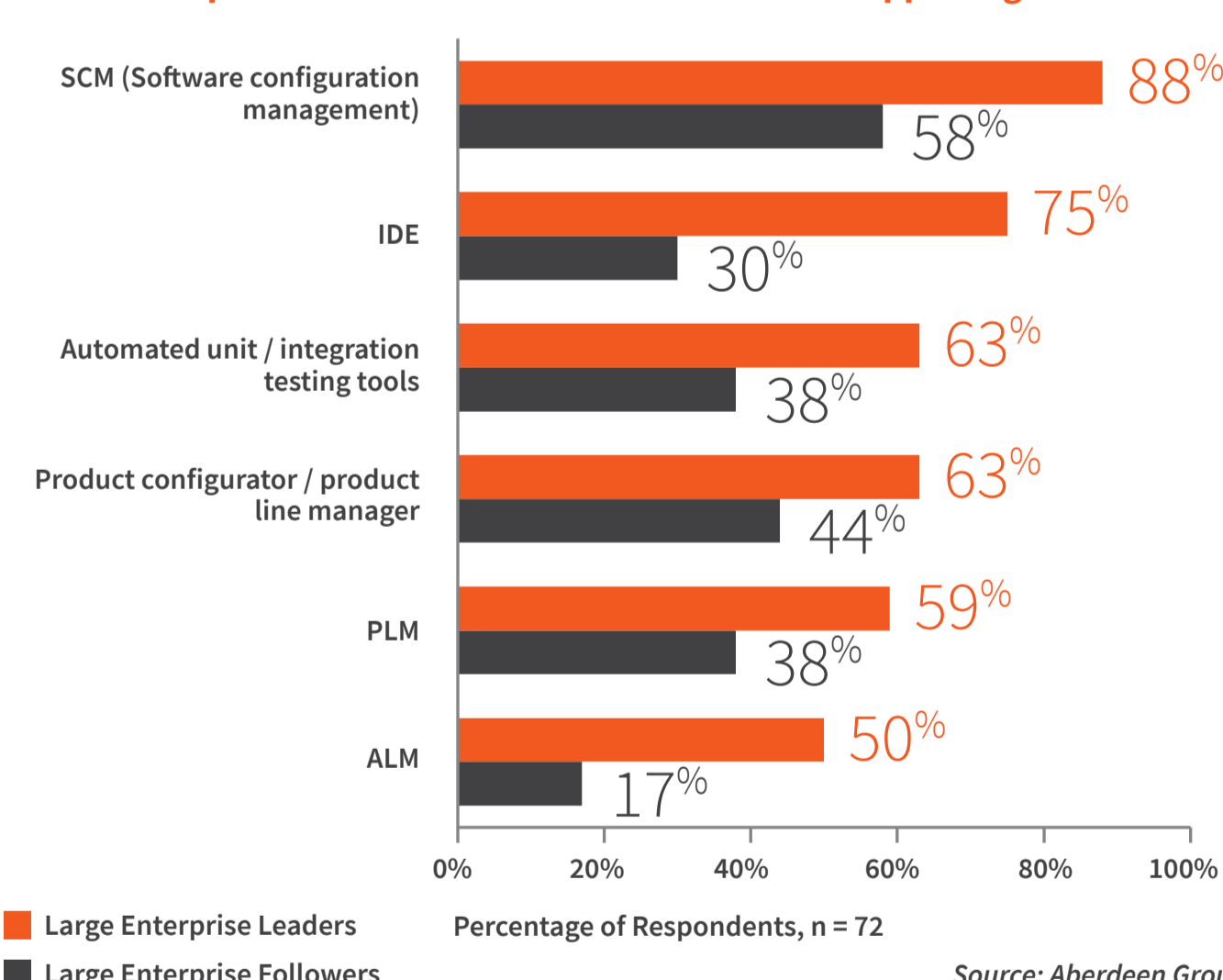


Sequence diagrams used to define and verify behavior prior to development



Stakeholders have early access to a prototype or executable model to provide concept feedback

Enterprise Leaders use Software Enablers to Support Agile



Source: Aberdeen Group

Key Takeaways for Large Enterprises

Cost efficiency and added functionality are the biggest drivers to employing Agile methods across the enterprise



1 Foster and cultivate collaboration between development groups

Enterprise leaders are 95% more likely to include all stakeholders with each design review than followers.



2 Solicit and incorporate end-user feedback during each iteration

Enterprise leaders are 49% more likely to solicit customer feedback than followers.



3 Pair continuous improvement with Agile methods

Enterprise leaders are 53% more likely to include a continuous improvement discussion at each iteration than followers.

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