A BRIEF GUIDE TO AGILE

Agile Momentum

- 75-80% organizations are using some form of agile
- 200% agile projects more successful than waterfall
- Agile projects will double by 2018

12 Principles of Agile

- Satisfy the customer
- Welcome changing requirements
- Deliver working product frequently
- Collaborate daily
- Continuous attention to technical excellence
- Simplicity is essential
- Self-organizing teams
- Regularly reflect on continuously improving
- Measure progress through working product
- Promote sustainable pace
- Agile lifecycle
- Face-to-face communication

What Is Agile?

Agile is an iterative method of managing product development projects in a highly flexible and interactive manner. The overarching focus of agile development is frequent delivery of high-quality working software. Agile ensures optimal business value is delivered through ongoing alignment between technology and the business.

Why Organizations Implement Agile

- 82% accelerate product delivery
- 56% enhance ability to manage changing priorities
- 55% increase productivity
- 47% improve software quality
- 44% enhance delivery predictability
- 44% improve business and IT alignment

How Organizations Measure Agile Success

When it comes to measuring agile success, organizations report using these top metrics:

- 58% on-time delivery
- 48% product quality
- 46% customer satisfaction
- 46% business value
- 36% product scope

Keys to Success

- A common toolset across teams
- Consistent practices
- Executive sponsorship
- Agile governance & tracking

Agile Methodologies Used

- 58% Scrum
- 10% Scrum/XP hybrid
- 8% Custom
- 7% ScrumBan
- 5% Kanban
- 2% Lean
- 1% XP

What is Scrum?

Scrum is a lightweight management framework with broad applicability for managing iterative and incremental projects of all types. In the Scrum, work is confined to a regular, repeatable one-week to one-month work cycle, known as a Sprint.

What is XP?

Extreme programming known as XP is a software development methodology intended to improve software quality and responsiveness to changing customer requirements.

What is Kanban?

Kanban is a pull-based planning and execution method in which the team signals when they are ready for more work and pulls it into their queues. Teams track their work with cards that are kept on a Kanban board.

Scaling Agile Methodologies Used

- 72% Scrum/Scrum of Scrum
- 27% SAFe
- 23% Custom
- 4% Disciplined Agile Delivery (DAD)
- 9% Enterprise Scrum
- 3% Enterprise Agile
- 1% Lean

Barriers Against Agile Adoption

- Company culture
- Lack of experience
- Insufficient management support
- Inconsistent practices & processes
- Resistance to change

Results from Implementing Agile

Organizations that have implemented agile are achieving significant improvements:

- 87% improved ability to manage changing priorities
- 85% greater productivity
- 84% increased project visibility
- 81% better delivery predictability
- 81% increased morale & motivation

INTERESTED IN LEARNING MORE?
Read the 36th Annual State of Agile Report to find out what your peers are saying about succeeding with agile.

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