A BRIEF GUIDE A GILE





Agile Momentum

Agile development - once a predominantly team-based practice - is grabbing the attention of the business. Each year more companies - and bigger companies - scale and embrace agile as part of the larger vision to deliver software faster, easier, and smarter.

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**



COLLABORATE



MOTIVATED DAILY INDIVIDUALS



FACE-TO-FACE COMMUNICATION



Agile is an iterative method of managing product active manner. The overarching focus of agile development is frequent delivery of high-quality, working



MEASURE PROGRESS THROUGH WORKING PRODUCT



PROMOTE SUSTAINABLE PACE



DELIVER

WORKING

PRODUCT FREQUENTLY

EXCELLENCE

CONTINUOUS SIMPLICITY IS **ATTENTION TO ESSENTIAL TECHNICAL**



SELF-**ORGANIZING**

TEAMS



REGULARLY REFLECT ON CONTINUOUSLY IMPROVING

development projects in a highly flexible and intersoftware. Agile ensures optimal business value is delivered through ongoing alignment between technology and the business.

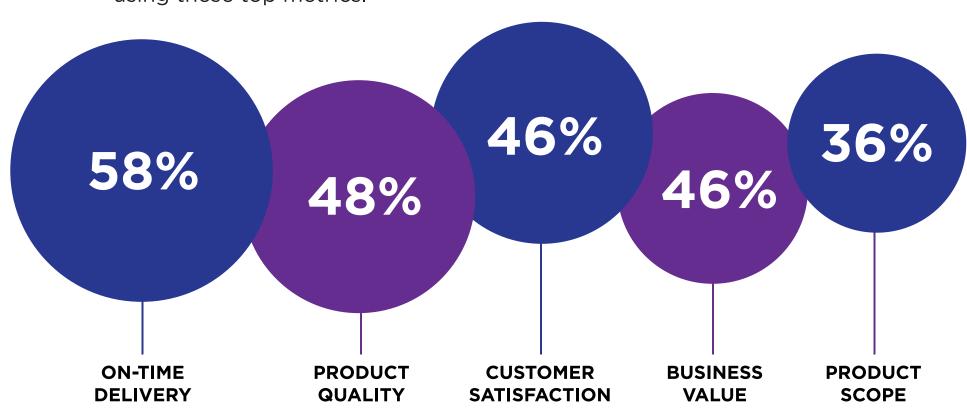
Why Organizations Implement Agile





How Organizations Measure Agile Success

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







Barriers Against Agile Adoption











INTERNAL

AGILE



RESISTANCE TO CHANGE

COMPANY

LACK OF **EXPERIENCE**

INSUFFICIENT MANAGEMENT

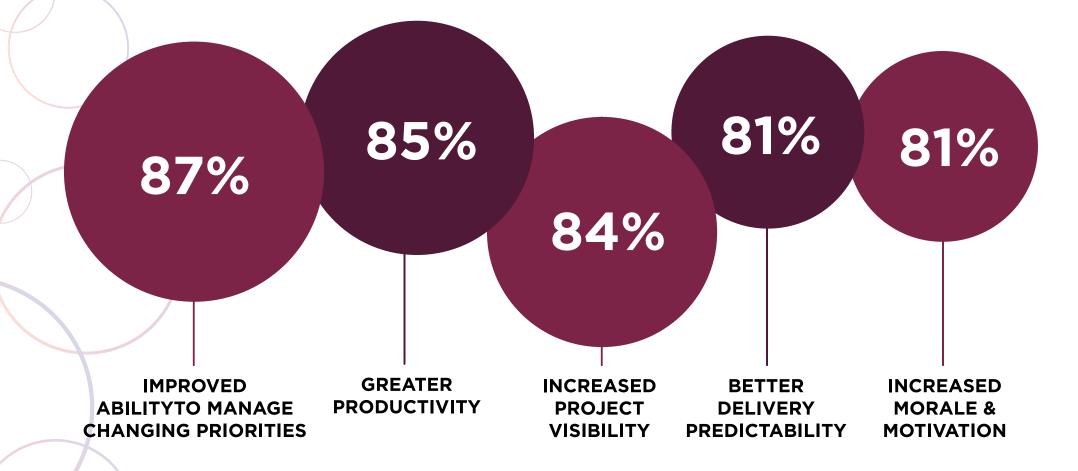
SUPPORT

INCONSISTENT PRACTICES & PROCESS

CULTURE

Results from Implementing Agile

Organizations that have implemented agile are achieving significant improvements.



Agile Methodologies Used 10% **SCRUM**/ **XP HYBRID** 8% CUSTOM 58% **7% SCRUMBAN SCRUM 5% KANBAN** 2% LEAN <1% XP WHAT IS SCRUM?

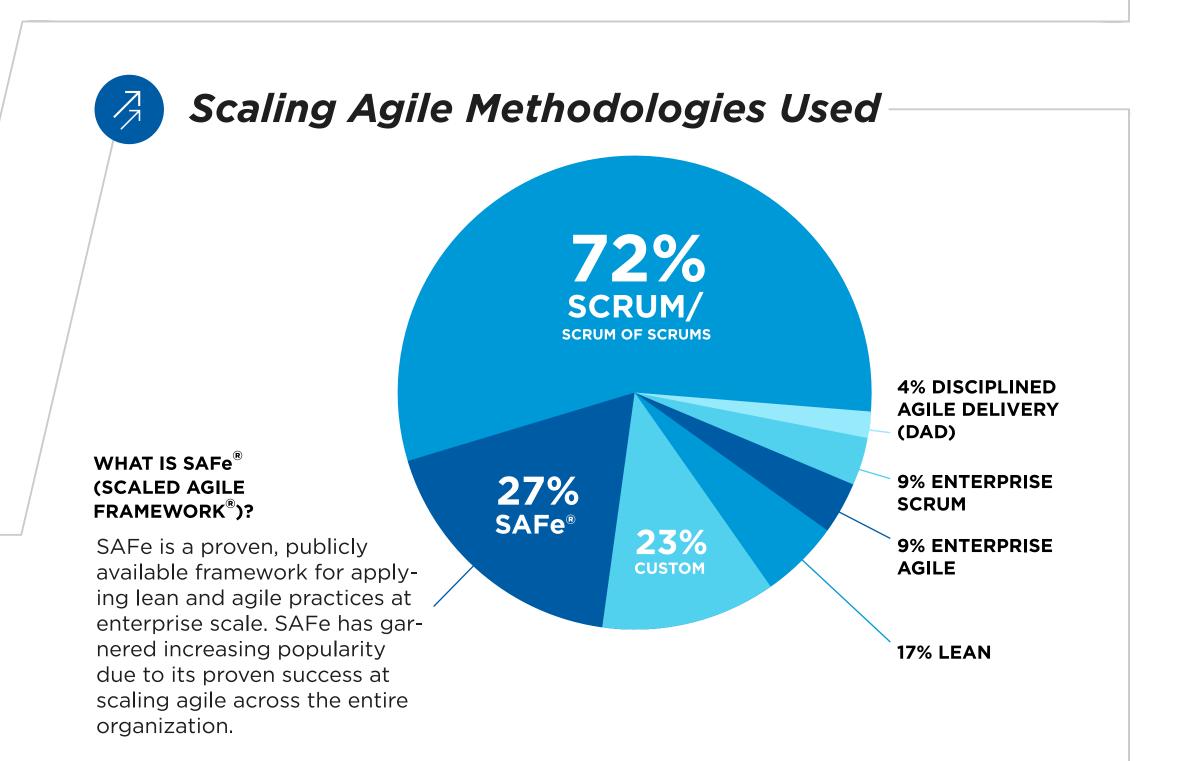
Scrum is a lightweight management framework with broad applicability for managing iterative and incremental projects of all types. In the Scrum, work is confined to a regular, repeatable one-week to one-month work cycle, known as a Sprint.

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 queue. Teams track their work with cards that are kept on a Kanban board.



INTERESTED IN LEARNING MORE?

Read the 10th Annual State Agile™ Report to find out what your peers are saying about succeeding with agile.

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