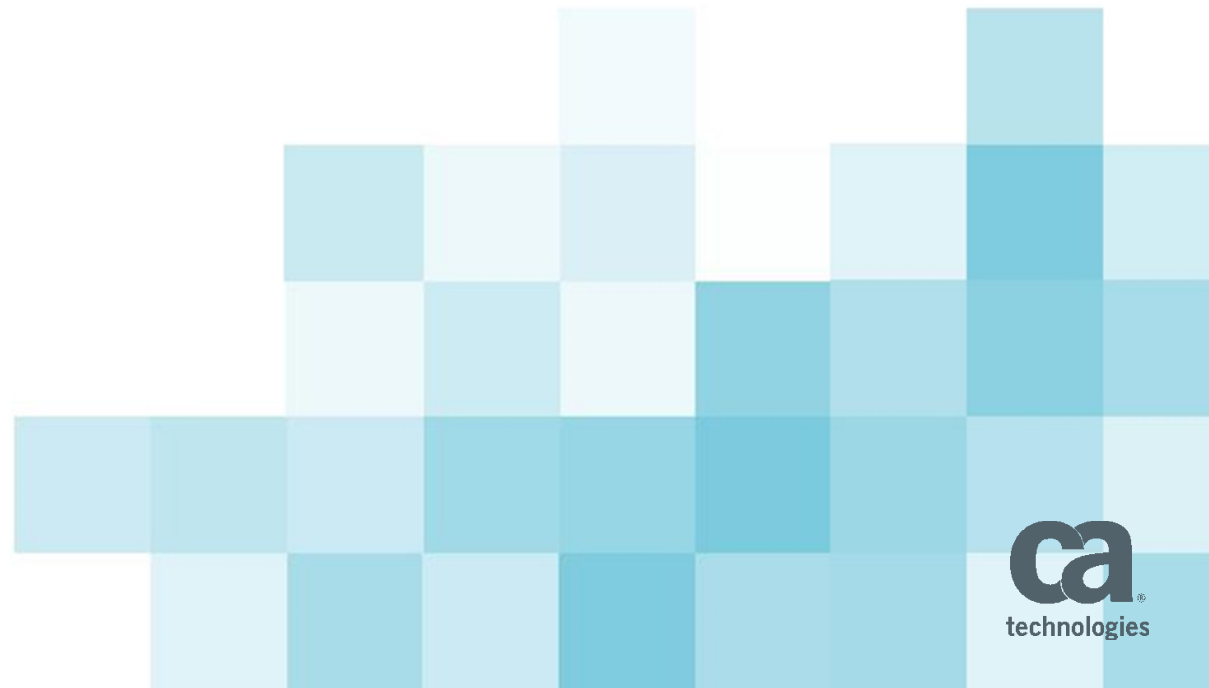


Adopting Agile for Enterprise Software

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Agenda

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A BRIEF HISTORY OF AGILE AT CA

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HOW AGILE ENABLES MODERNIZATION

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CUSTOMER BUY-IN

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MERGING LEVEL 2 SUPPORT AND DEVELOPMENT

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IMPORTANCE OF PRIORITIZATION

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AUTOMATED TESTING

Agile at CA

- Current implementation began around 2 years ago
 - Biggest change from original transition is related to estimation and planning of new features and releases
- Some important core aspects
 - Team roles are flexible
 - Potentially shippable features at the end of each sprint
- Different products have slightly different implementations
 - All teams follow the same core Agile principles
 - We'll be talking about our experiences on the CA IDMS team

Enabling Modernization

- Incremental Releases
 - Deliver more often
- Continuous Integration
 - Deliver higher quality
- Customer Collaboration
 - Customers get features they want
- Just-in-Time Development
 - Teams are flexible to changing markets

Customer Buy-in

- Customer Reviews
 - Demo working software to customers each iteration
- Validation of features
 - Customers get to test features as they come out to make sure they are getting what they expect
- Communities site for enhancement requests
 - Gives customers the ability to have a say in future features
- Frequent customer visits
 - Allows team to get a pulse of the customer and their needs

Merging Support and Development

- Combined development and support teams
 - Focused knowledge/expertise
- Increased customer interaction
 - Developers communicate closer with customers
- Ownership of their own area of the product
- Overhead
 - Cross training

Prioritization

- How to handle estimating each sprint
 - Different time buckets
- How to develop and support issues at the same time
 - Story owners
- Backlog Grooming
 - Constant prioritizing

Automated Testing

- 3 month testing cycle every 2 years is no longer practical
 - Testing has to be performed quicker, but retain quality
- Incremental releases every 3 months
 - Defects need to be found as soon as possible
 - Features completed at the end of each sprint
- Current testing cycle takes 1 week for GA quality releases
 - Automated suite is run nightly
 - Most of the time is taken for the small subset of manual tests

Is Agile Scrum for you?

- Adoption of Agile allows for rapid release of new features that customers want
- Requires teams to inspect and adapt
 - Constant drive to improve
 - Call out bad activities, try resolve them
- Entire company's culture must change
 - A team can't be Agile if the rest of the company isn't there to back them up



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