

The background of the slide is a nautical chart. In the top-left corner, there is a green rectangular box. To the right of this box, the text 'Hewlett Packard Enterprise' is written in a bold, black, sans-serif font. The chart itself features various navigational elements: depth soundings (numbers) in black and red, contour lines, and a large compass rose on the right side with degree markings. The overall color palette is light blue and white, typical of nautical charts.

**Hewlett Packard
Enterprise**

Agile Philosophy and its Application within Software Development in the IIS Community

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Presentation Outline

- Introduction
- What is Agile?
- Overview of Scrum
- Scrum Ceremonies
- Agile Challenges
- Agile in an IIS environment
- Conclusion
- Thank You

Selecting Waterfall/Agile Methodologies

- Historically projects from many sectors adhered to the Waterfall methodology.
- When and why should you change methodologies?
- HPE and it's IIS partners were no exception.
- Based on our collective experience that spans sectors we're beginning to migrate projects to the Agile methodology.
- Agile focuses on adapting to the ever changing demands of today's businesses while delivering products that are centered on the projects most valued features.
- Scrum/IIS Value Statement

An Introduction to Agile - The Agile Manifesto

Manifesto for Agile Software Development

We are uncovering better ways of developing software by doing it and helping others do it.

Through this work we have come to value:

Individuals and interactions over processes and tools
Working software over comprehensive documentation
Customer collaboration over contract negotiation
Responding to change over following a plan

That is, while there is value in the items on the right, we value the items on the left more

—<http://www.agilemanifesto.org/>

Principles of the Agile Manifesto

The Principle of the Agile Manifesto from:
<http://www.agilemanifesto.org/principles.html>

Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.

Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.

Deliver working software frequently, from a couple of weeks to a couple of months, with a preference to the shorter timescale.



Principles of the Agile Manifesto (continued)

Business people and developers must work together daily throughout the project.

Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.

The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.

Working software is the primary measure of progress.



Principles of the Agile Manifesto (continued)

Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.

Continuous attention to technical excellence and good design enhances agility.

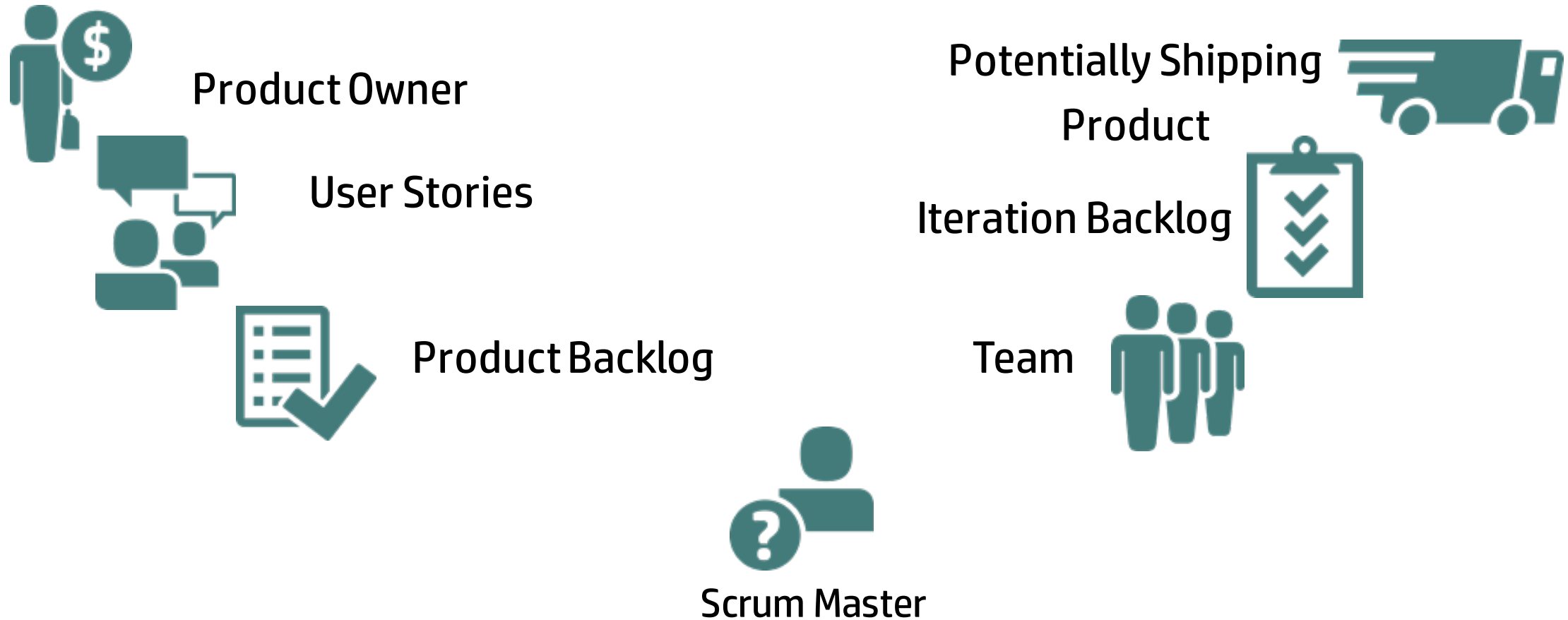
Simplicity--the art of maximizing the amount of work not done--is essential.

The best architectures, requirements, and designs emerge from self-organizing teams.

At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.



Scrum Terms



Rules to Succeed at Scrum

Focus

- Teams
- Improving

Ownership

- Scrum Master for the Scrum process
- Product Owner for the business value
- Team for the technical quality

Accountability

- Daily Scrum
- Sprint Demo
- Release

Scrum Ceremonies

Planning

Release
Planning
Session

Sprint Planning Session

Sprint Kickoff

Sprint

Daily Scrum

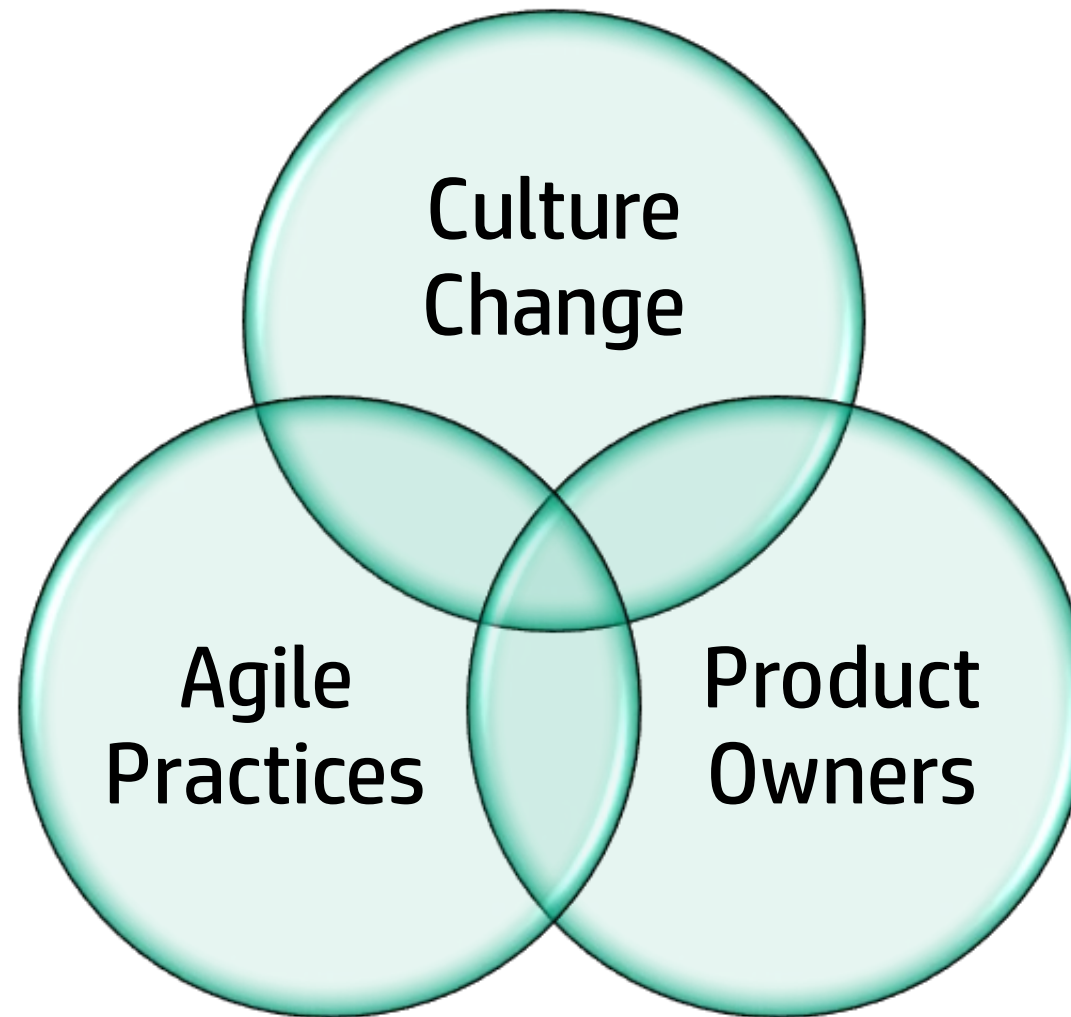
Close Out

Retrospective

Ongoing

Product Backlog Grooming

Hurdles



Utilizing Agile in the IIS Community or anywhere.....

- Best for new development without clearly defined requirements.
 - Allows for innovative solutions
 - Allows for quick course correction
- Ideal for teams that can be dynamic/interactive.
- Best when you have the ability to maintain team over time.

Conclusion

- Agile is more than just the process, it is the mindset.
- Scrum is one process used to support Agile values.
- User stories vs Requirements promote dialogue and validation.
- Agile Teams grow to be high functioning teams.
- Successful Agile teams tend to create better products, faster.

Scrum/Agile References

- Wikipedia [en.wikipedia.org/wiki/Scrum_\(development\)](https://en.wikipedia.org/wiki/Scrum_(development))
- Agile Manifesto www.agilemanifesto.org/
- Scrum Alliance www.scrumalliance.org/pages/what_is_scrum
- Scrum - www.scrum.org
- Scaledagileframework.com
- www.agilemodeling.com
- [Liftoff, Launching Agile Teams & Projects \(Diana Larsen & Ainsley Nies\)](#)



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Thank You!

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