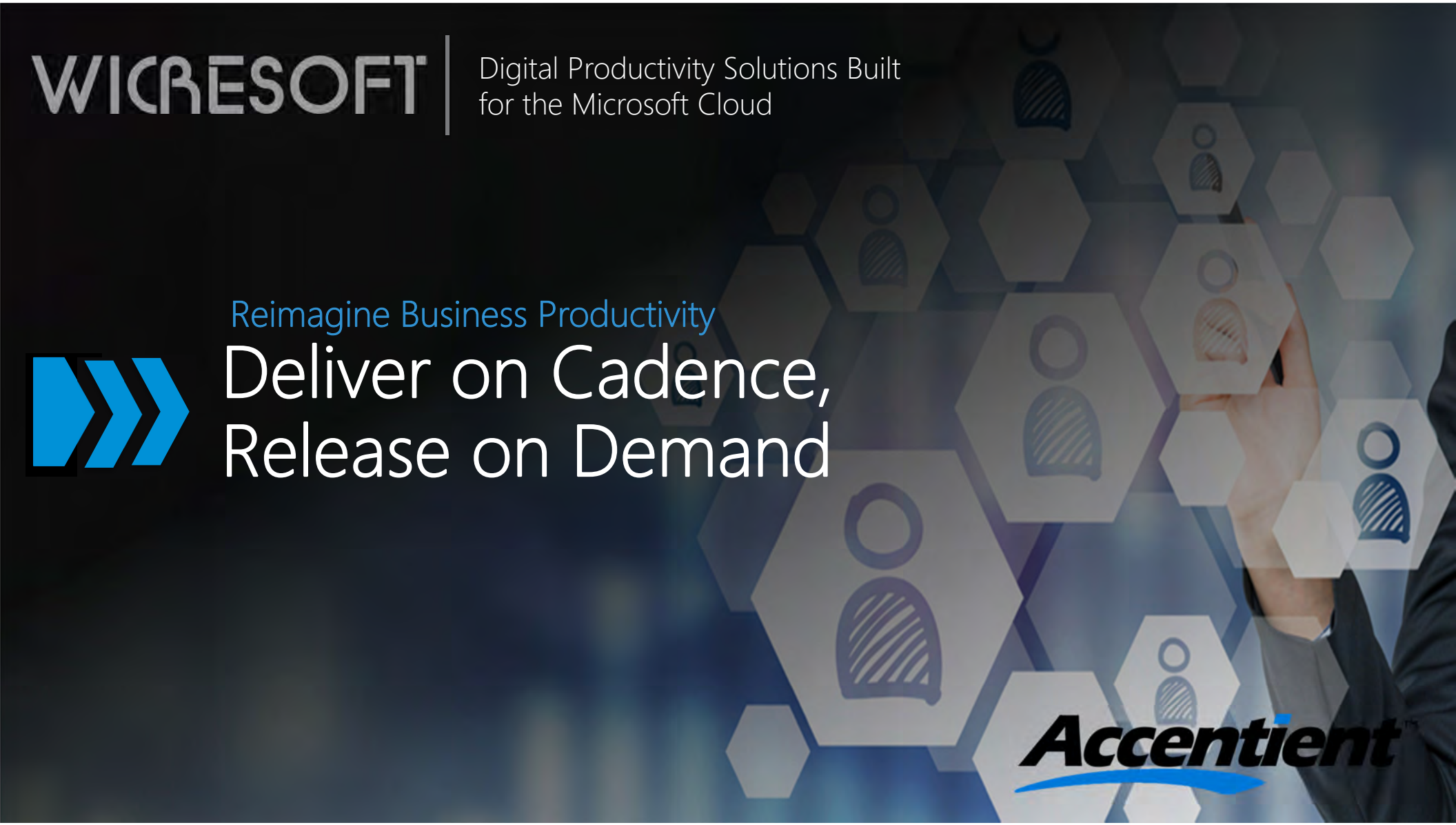
WICRESOFT

Digital Productivity Solutions Built for the Microsoft Cloud



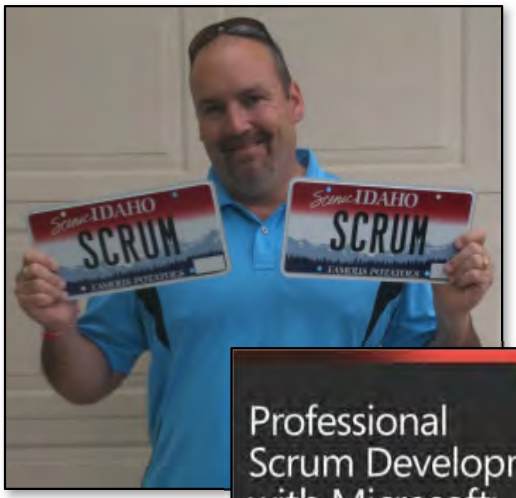
Reimagine Business Productivity

Deliver on Cadence, Release on Demand

Accentient

About Me

- From Boise, Idaho, USA
- President of Accentient
- Microsoft MVP (Visual Studio ALM)
- Professional Scrum Developer
- Professional Scrum Trainer
- Co-creator of the Nexus (scaled Scrum Fx)
- richard@accentient.com
  @rhundhausen



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Agenda

- Cadence?
- Work as a Team
- Live the Scrum Values
- CI/CD
- Feature Flags
- Summary

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Cadence \ ˈkā-dᵊn(t)s \

A rhythmic sequence or flow of sounds in language

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Cadence \ ˈkā-dᵊn(t)s \

A rhythmic sequence or flow of
~~sounds in language~~
value in the form of working software

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More specifically …

Getting the team into a regular, comfortable, and sustainable development rhythm

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Why would we want this?

- ✓ Maximizes value
- ✓ Manages variability
- ✓ Reduces risk
- ✓ Increases predictability
- ✓ Increases collaboration, creativity, and morale

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How do we achieve Cadence?

My recommendation:

Practice Scrum

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How do we achieve Cadence?

My recommendation:

Practice **Professional** Scrum

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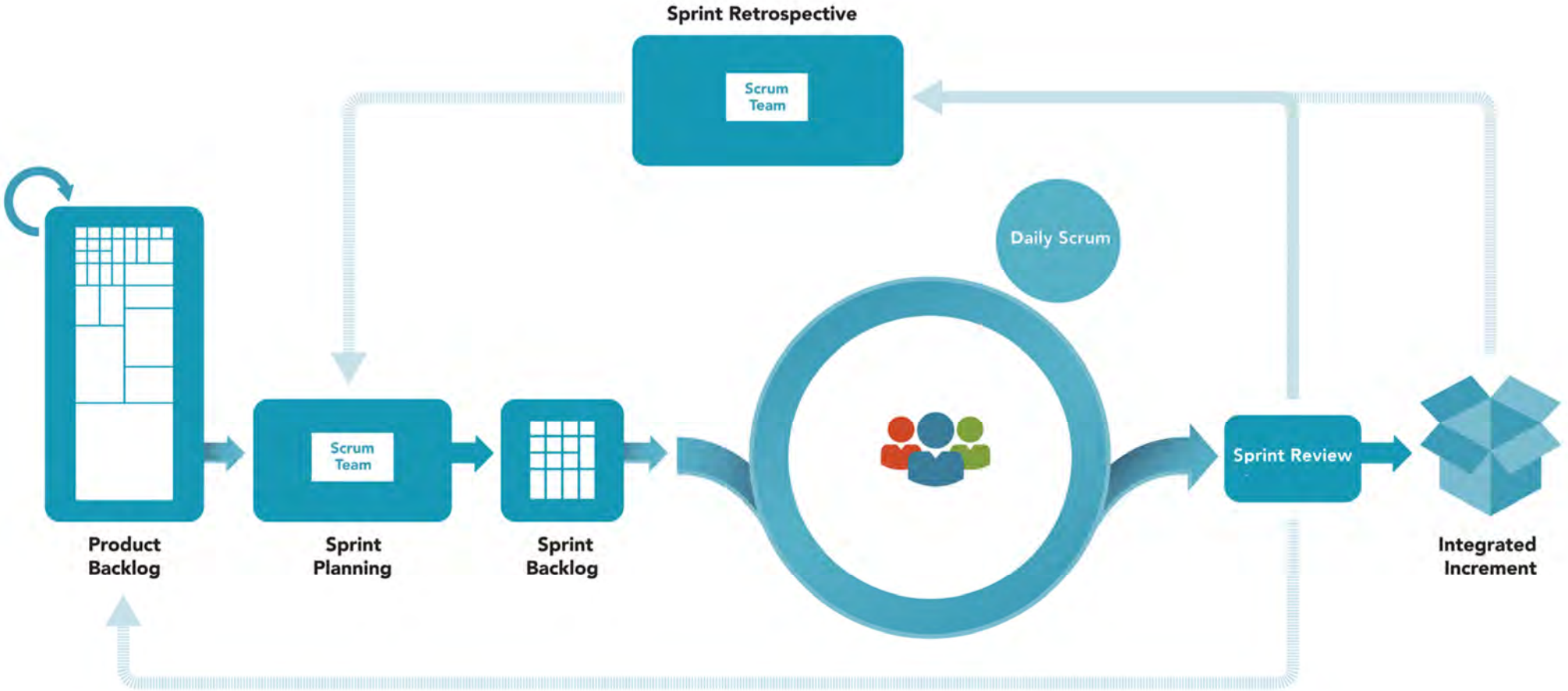
Scrum



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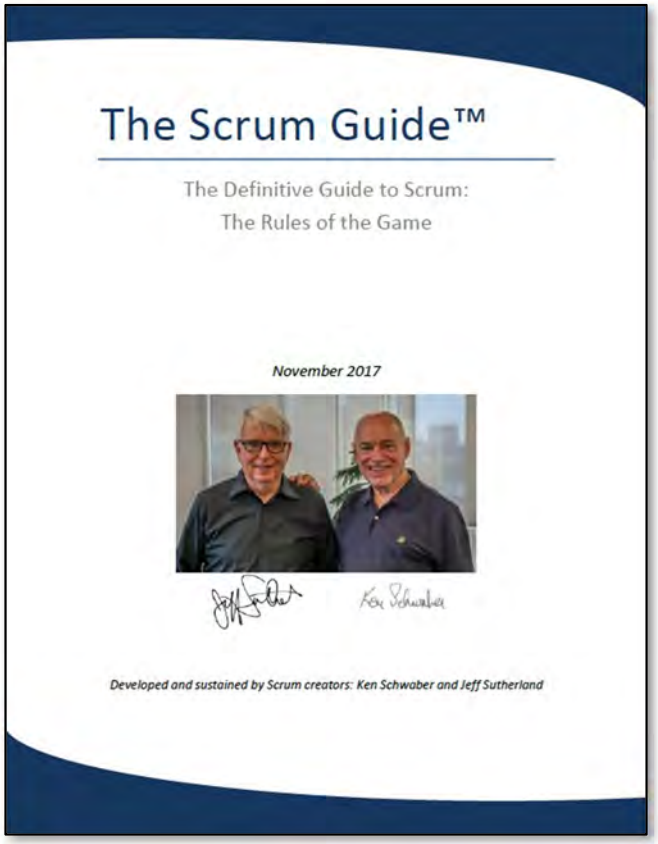
As defined in the Scrum Guide



www.scrumguides.org

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But I said *Professional* Scrum

Professional Scrum is a combination of

- ✓ Scrum according to the Scrum Guide (“mechanical Scrum”)
- ✓ Continuously applying Scrum’s values and principles
- ✓ Continuously practicing technical excellence

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That's nice, but how do we get started?

Form a cross-functional, self-organizing, collocated Development Team

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Work as a team

Forecast, plan, execute.

Fail, learn, succeed.

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Improve your flow

- ✓ Visualize work
- ✓ Limit work in process (WIP)
- ✓ Work in small batches
- ✓ Reduce dependencies
- ✓ Make impediments transparent

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Anything else?

Live the Scrum Values

Courage, Focus, Commitment,
Respect, and Openness

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Integrate Continuously

Push regularly to master

Build and run unit tests

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The opposite of Continuous Integration is …

Working in branches

Team members working on separate items/stories

Pull requests

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Deploy Continuously

Successful builds can be automatically deployed to the next environment in the pipeline

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Deploy Continuously to Production

Production is just another environment in the pipeline

Releases can be *manually* released to production (if you must)

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Deliver on Demand

Features can be disabled (flagged: off) until you are ready to “release” them

Feature flags give development team’s the courage to release to production automatically

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Done();

(thank you)

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