

SAFe Kanban Anywhere

Using LeanKit

with the Scaled Agile Framework®

*Because Better Software
Makes the World a Better Place*

With Jennifer Fawcett and
Chris Hefley



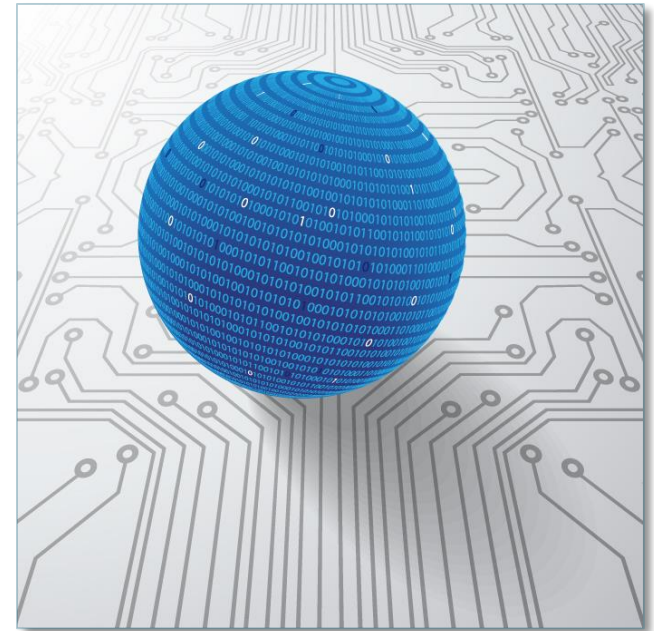
Introducing the Scaled Agile Framework

Understand the problem

Keeping Pace

Our methods must keep pace with
an increasingly complex world

- We've had Moore's Law for hardware, and now software is eating the world
- Our development practices haven't kept pace; Agile shows the greatest promise, but was developed for small teams
- We need a new approach that harnesses the power of Agile and Lean *and applies to the needs of the largest software enterprises*



We thought we'd be programming like this:

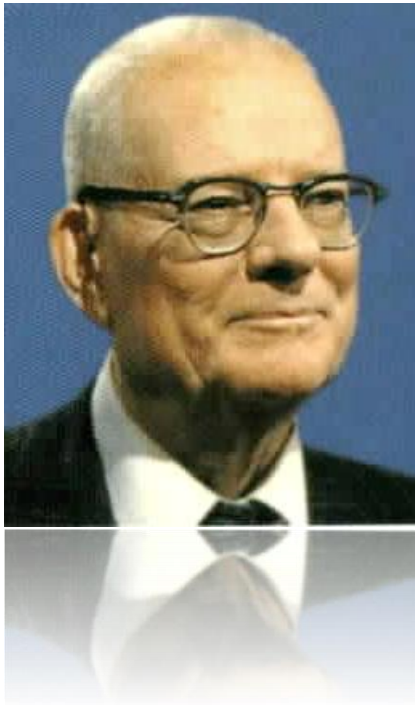


But sometimes it feels like this:



The Management Challenge

If you can't change the system, who can?



It is not enough that management commit themselves to quality and productivity, they must know what it is they must do.

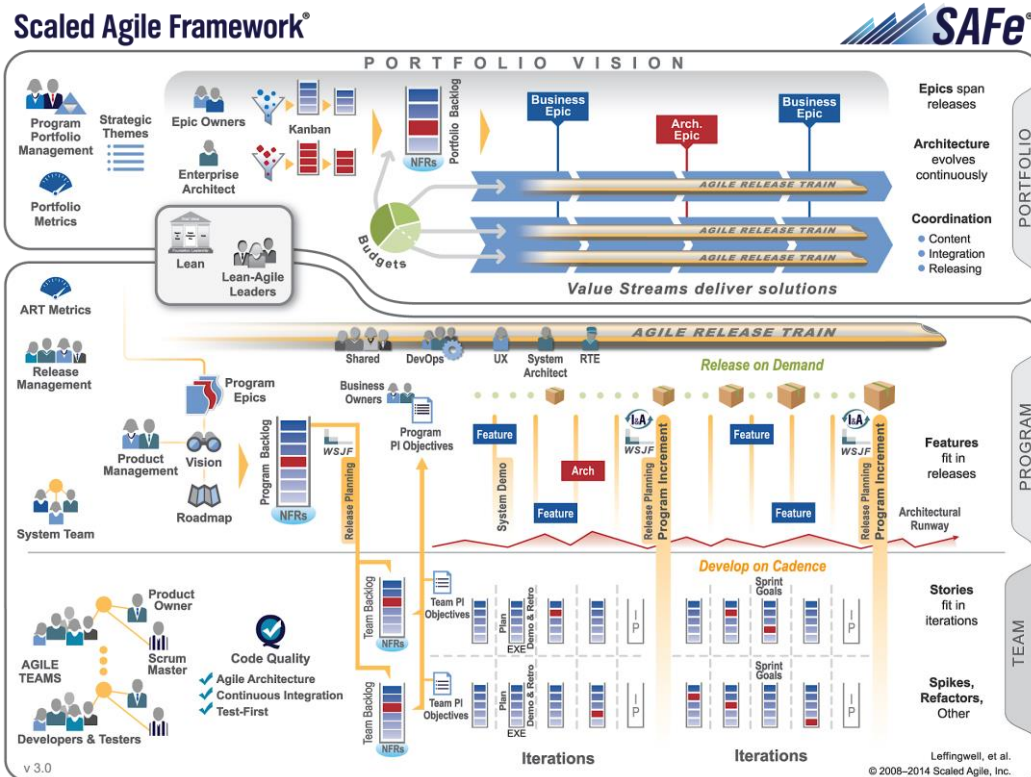
Such a responsibility cannot be delegated.

—W. Edwards Deming

A basic understanding of SAFe®

The Scaled Agile Framework® (SAFe®)

A proven, publicly-facing framework for applying Lean and Agile practices at enterprise scale

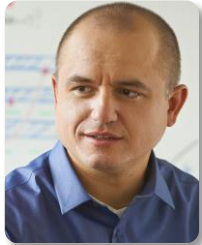


- ✓ Synchronizes alignment, collaboration, and delivery for large numbers of teams
- ✓ Based on immutable, Lean and Agile principles

ScaledAgileFramework.com

Contributors

Methodologist



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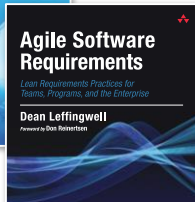
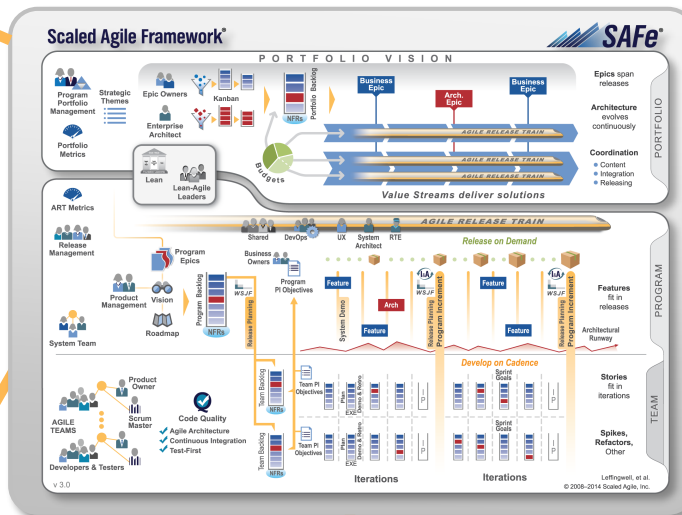
Richard Knaster



Al Shalloway



Inbar Oren



Acknowledgements



Enterprise Adopters



Community

Roots, Past, Present and Future



Field Experience at Enterprise Scale

2012

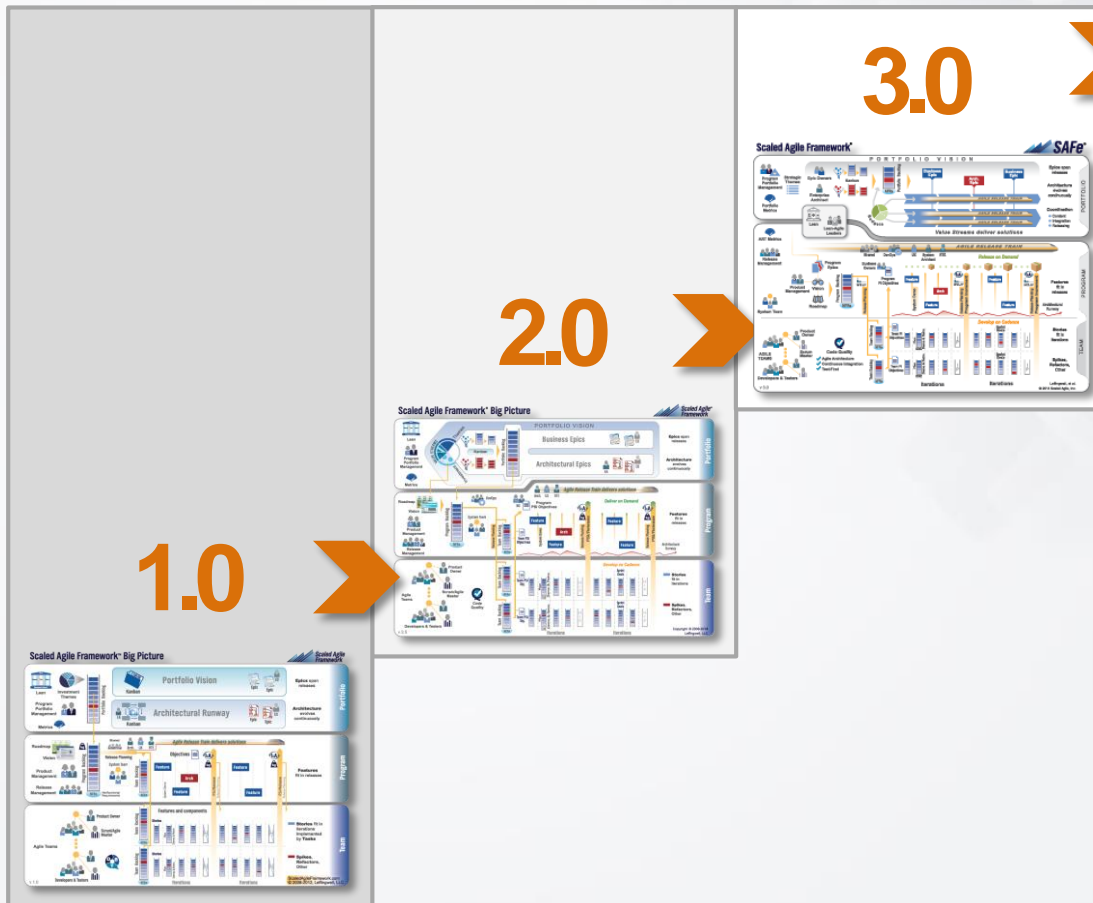
2013

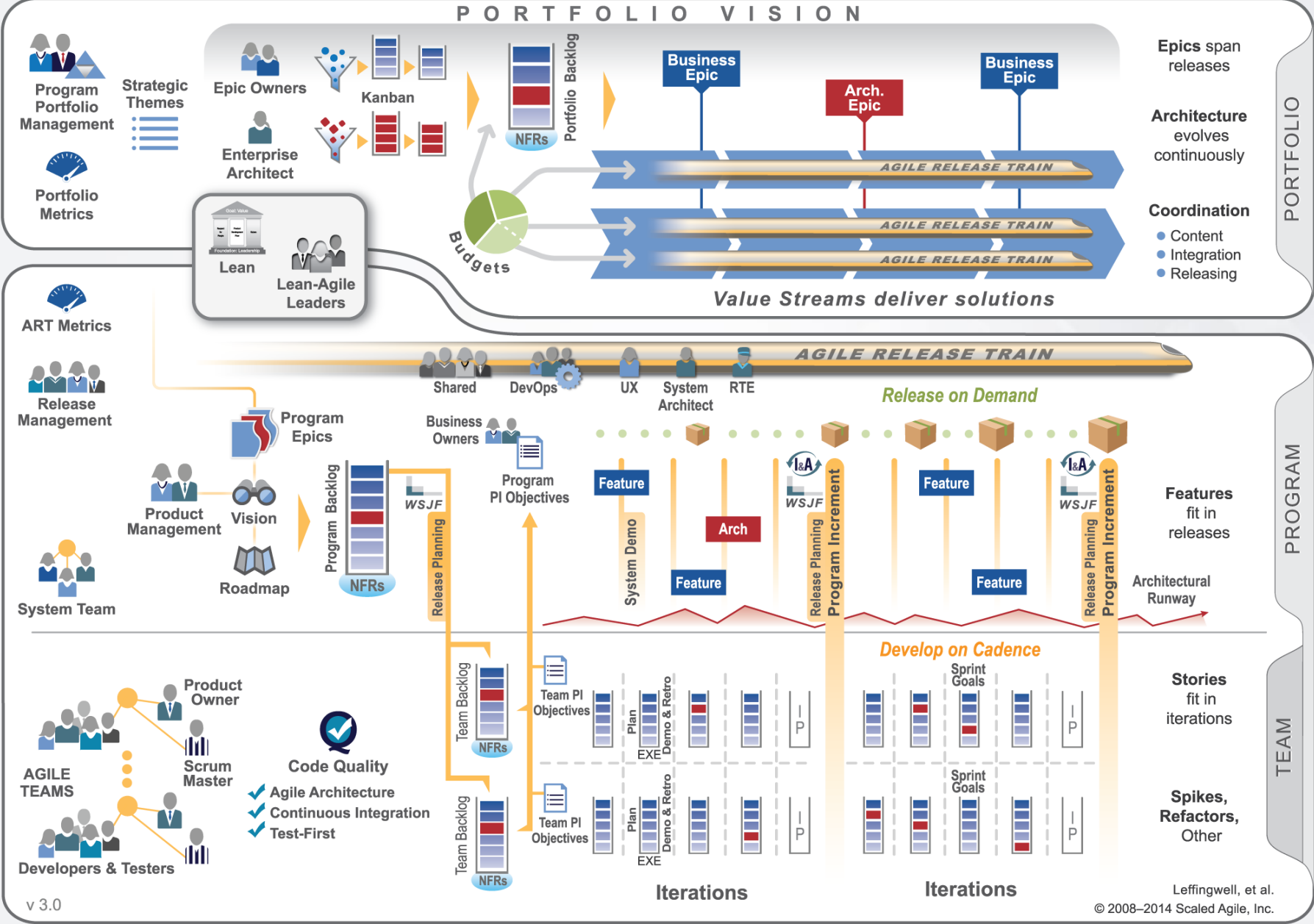
2014

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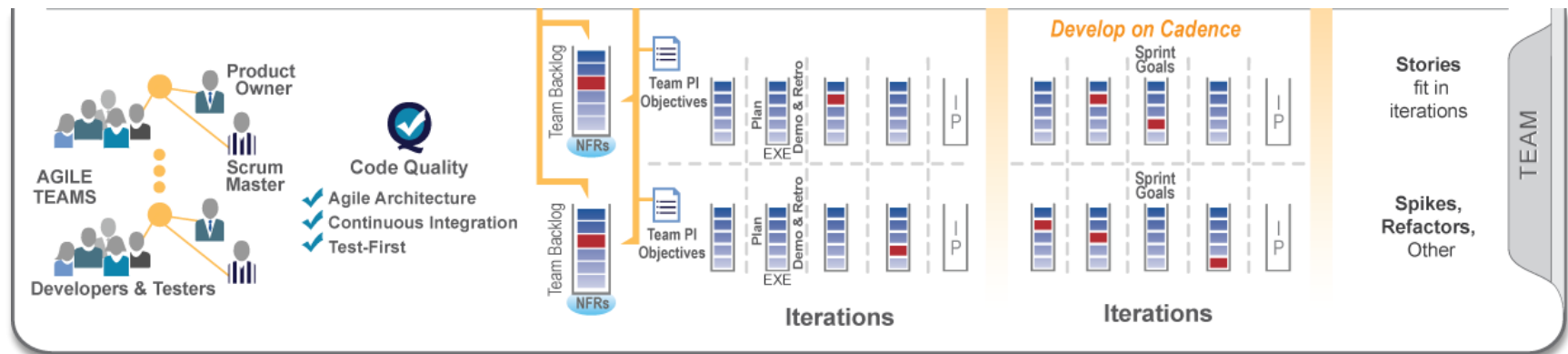
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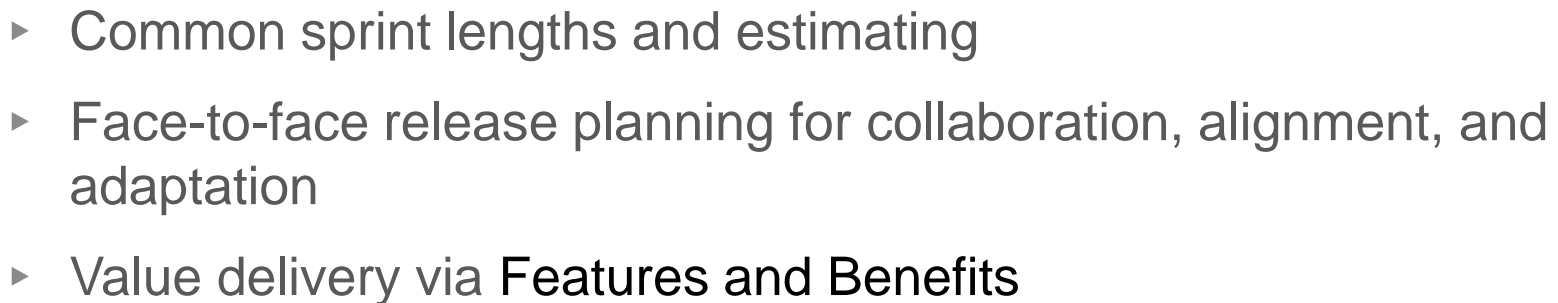


Nothing Beats an Agile Team

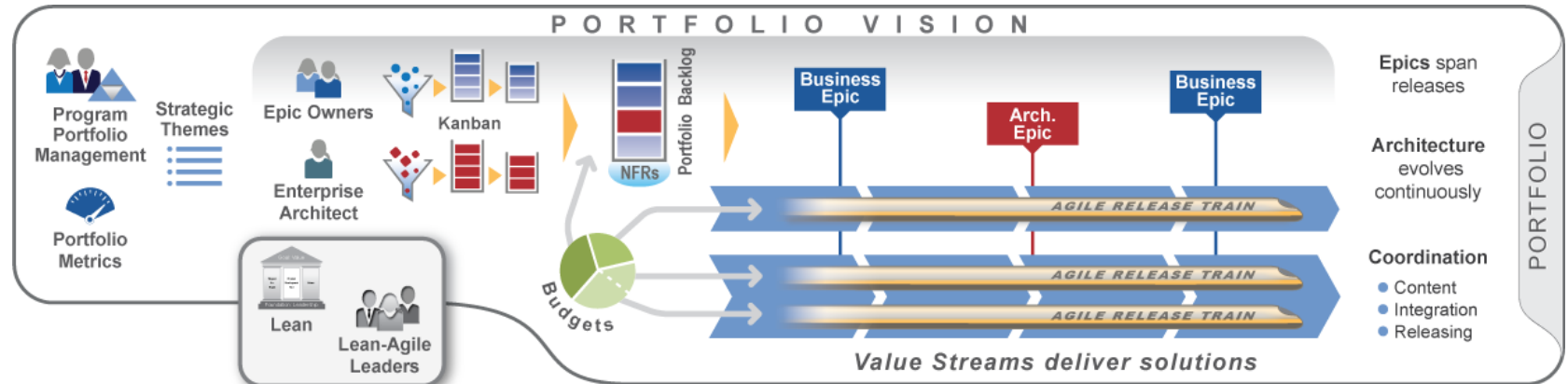
- ▶ Empowered, self-organizing, self-managing, cross-functional team
- ▶ Delivers valuable, tested, working software every two weeks
- ▶ Scrum XP-inspired technical practices; Kanban as well.
- ▶ Value delivery via User Stories



- ▶ Self-organizing, self-managing team-of-agile-teams
- ▶ Delivers working, tested *full system increments* every two weeks
- ▶ Operates with Vision, architecture and UX guidance



Working in an Agile Portfolio

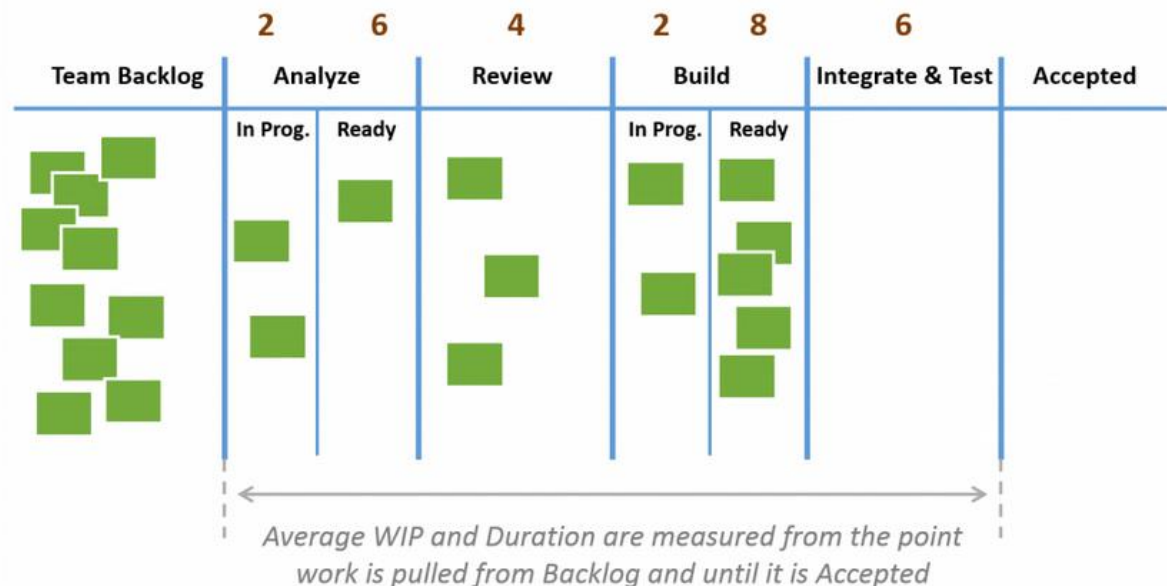


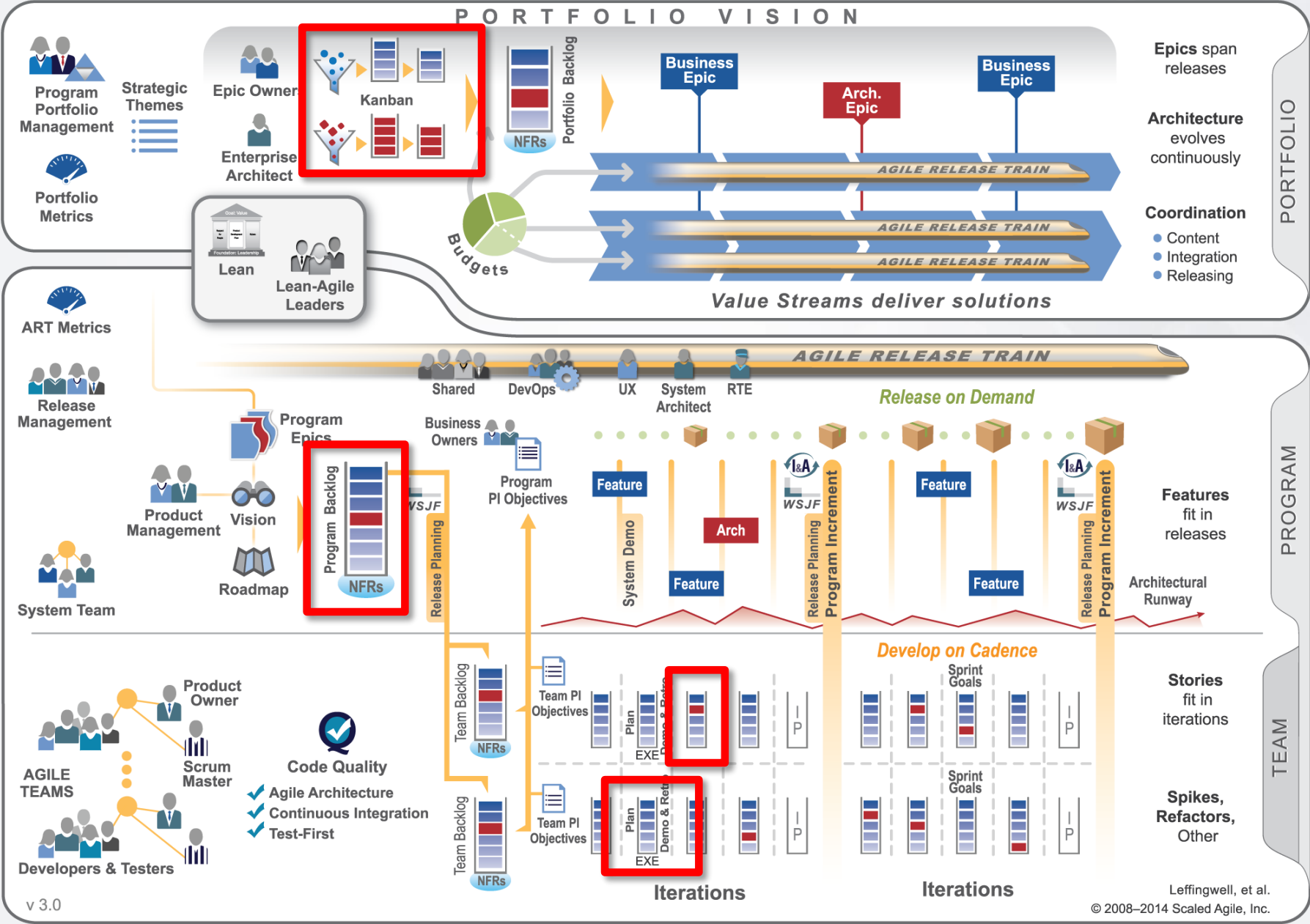
- ▶ Centralized strategy, decentralized execution
- ▶ Lean-Agile budgeting empowers decision makers
- ▶ Kanban systems provide portfolio visibility and WIP limits
- ▶ Enterprise architecture guides the larger technology decisions
- ▶ Objective metrics support governance and improvement
- ▶ Value delivery via Epics

Kanban - Visual Signal

- ▶ Series of states that the work moves through
- ▶ All work is visualized, and progress is tracked
- ▶ Teams agree on the WIP limits, and adopt execution policies on how work is managed through the classes of service
- ▶ Flow is measured via throughput (ie: number of stories per period of time)
- ▶ Prioritization is done by class of service, for example:

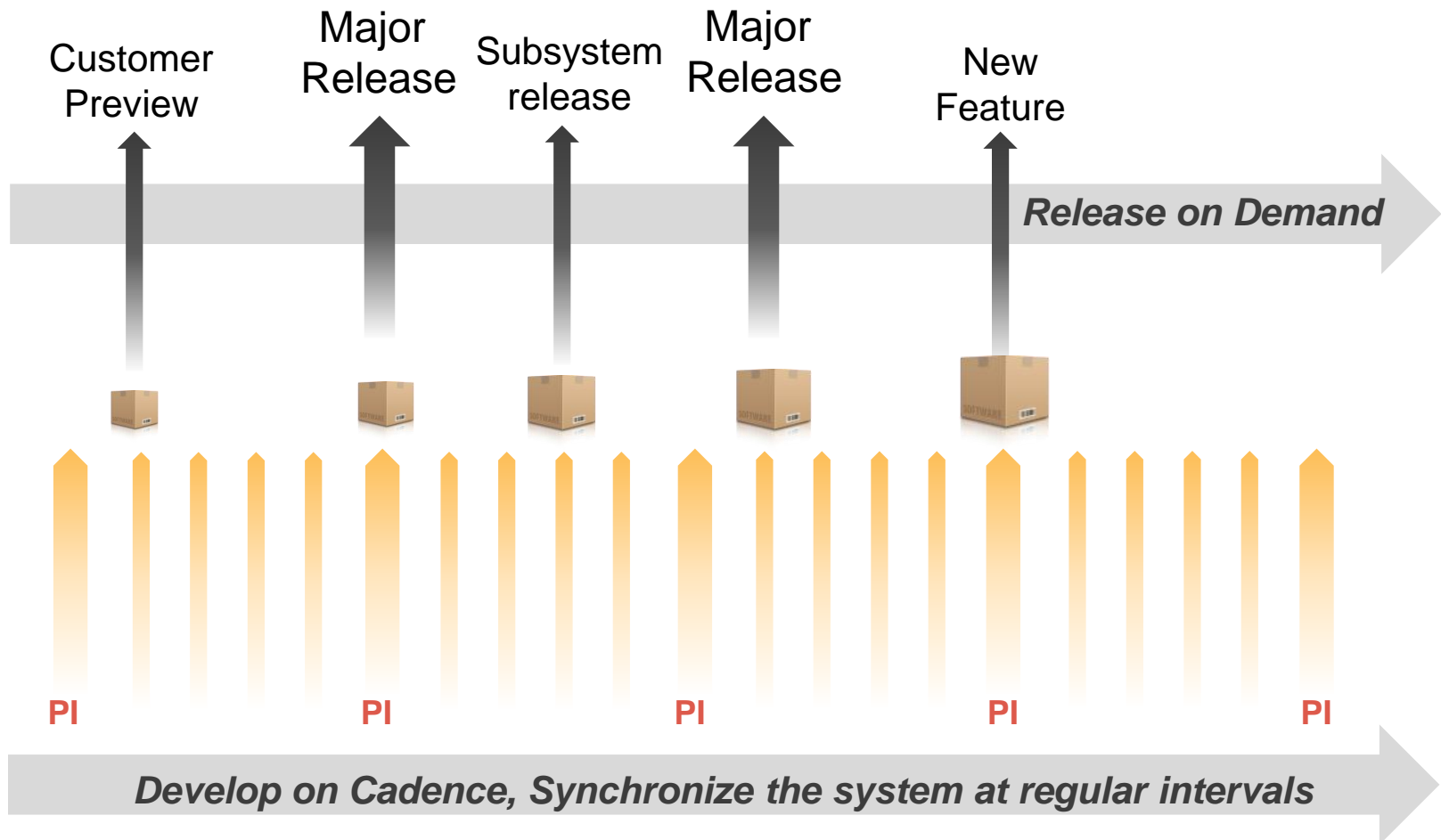
- ▶ Standard
- ▶ Fixed Date
- ▶ Expedite



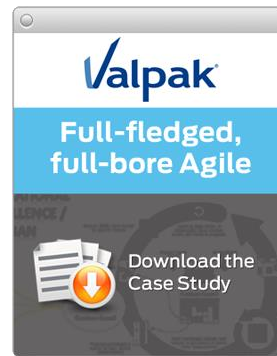


SAFe Kanban with Cadence and Synchronization

Cadence transforms the unpredictable into predictable events
Synchronization causes multiple events to happen at the same time



SAFe Case Studies



ScaledAgileFramework.com/case-studies

That Gets Business Results



See ScaledAgileFramework.com/case-studies



Questions?

Browse the
Framework

ScaledAgile**Framework**.com

<http://scaledagileframework.com/kanban/>

Learn how to
implement

ScaledAgile**Academy**.com

Find a Partner

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...or visit ScaledAgile.com for links to everything

Leadership



People are already doing their best; the problems are with the system.

Only management can change the system.

—W. Edwards Deming

- Apply systems thinking
- Leader as developer of people
- Inspire and align with mission; and minimum possible constraints
- Exhibit and emphasize life-long learning
- Teach problem solving and corrective action skills
- Decentralize decision-making
- Unlock the intrinsic motivation of knowledge workers