

Value Flow Chart

A New Flow Metric





Joe Vergara

SPCT

Agile Rising

Incremental Value Delivery is Foundational to SAFe



Principles

- 1 Precisely specify value by product
- 2 Identify the Value Stream for each product
- 3 Make value flow without interruptions
- 4 Let the Customer pull value from the producer
- 5 Pursue perfection

© Scaled Agile, Inc.

Agile Principles

1. Our highest priority is to satisfy the customer through early and continuous delivery of valuable software.
2. Welcome changing requirements, even late in development. Agile processes harness change for the customer's competitive advantage.
3. Deliver working software frequently, from a couple of weeks to a couple of months, with a preference for the shorter timescale.
4. Business people and developers must work together daily throughout the project.
5. Build projects around motivated individuals. Give them the environment and support they need, and trust them to get the job done.
6. The most efficient and effective method of conveying information to and within a development team is face-to-face conversation.
7. Working software is the primary measure of progress.
8. Agile processes promote sustainable development. The sponsors, developers, and users should be able to maintain a constant pace indefinitely.
9. Continuous attention to technical excellence and good design enhances agility.
10. Simplicity—the art of maximizing the amount of work not done—is essential.
11. The best architectures, requirements, and designs emerge from self-organizing teams.
12. At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly.

agilemanifesto.org

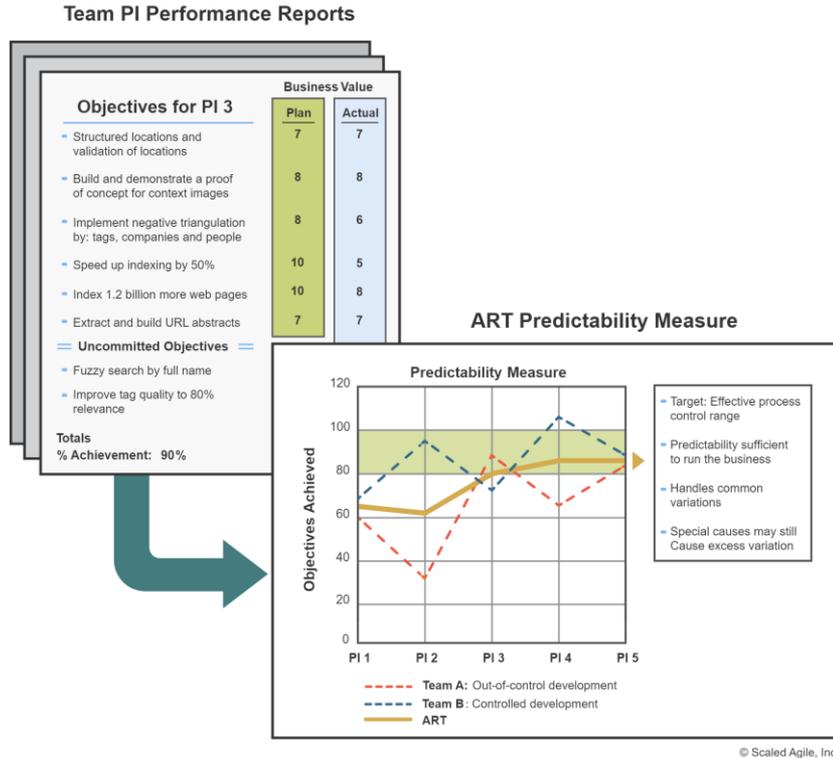
© Scaled Agile, Inc.

SAFe Measures the 'Flow' of Value Delivery

Metric	Description
Flow Distribution	Proportion of work items by type in a system
Flow Velocity	Number of completed work items over a time period
Flow Time	Time elapsed from start to completion for a given work item
Flow Load	Number of work items currently in progress (active or waiting)
Flow Efficiency	Ratio of the total time spent in value-added work activities divided by the total flow time
Flow Predictability	How consistently teams, ARTs, and portfolios are able to meet their commitments

© Scaled Agile, Inc.

ART Predictability Measure



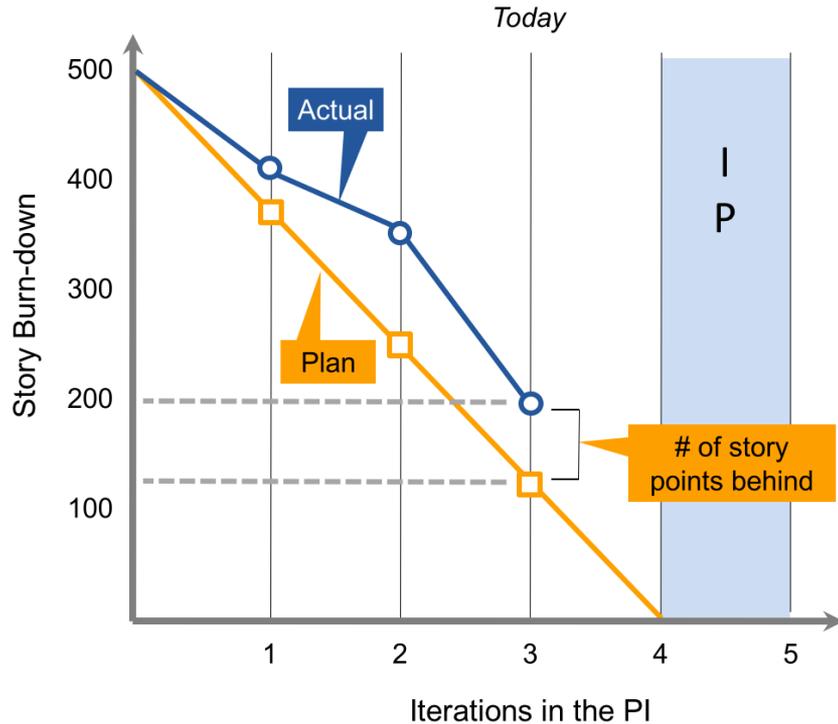
▶ Target: Effective process control range

▶ Predictability sufficient to run the business

▶ Handles common variation

But is the feedback loop too slow?

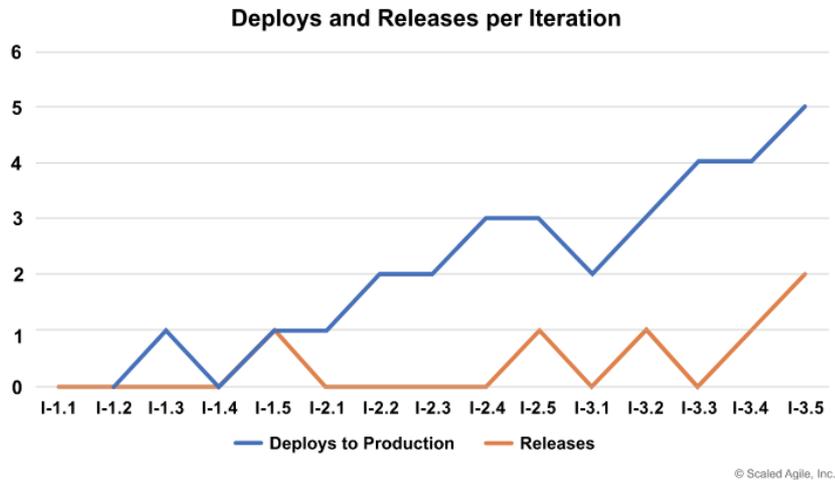
Story Burn-Down



- ▶ Highlights deviations from the original plan
- ▶ Enables in-PI adjustments via faster feedback loops

But when and how often is value delivered?

Deployments & Releases Per Iteration



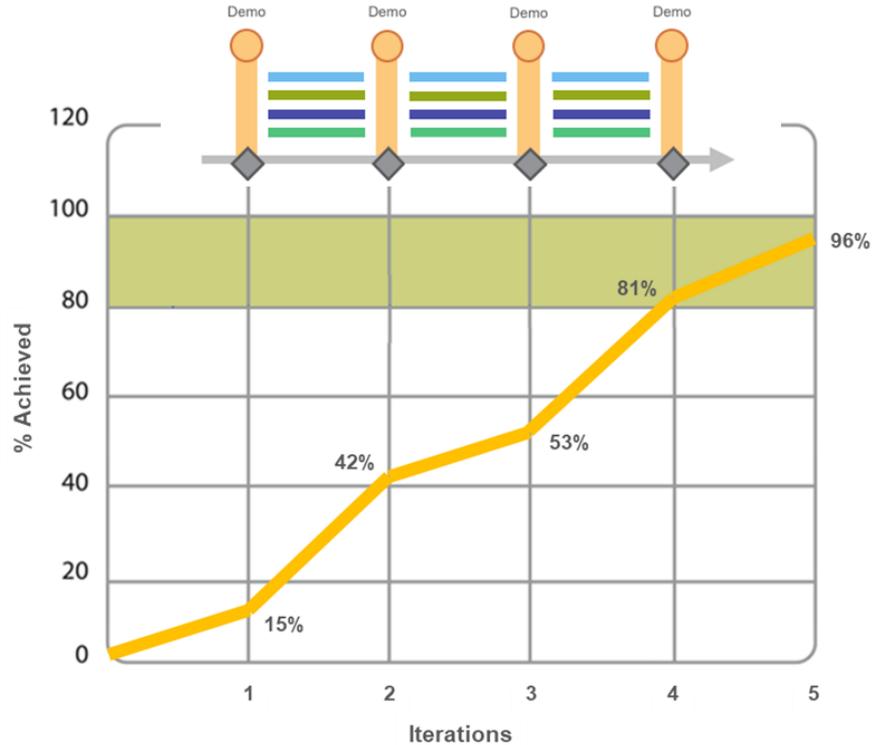
- ▶ Highlights frequency of value delivery

- ▶ Shows trends over time

But how much value is actualized per delivery?

Value Flow Chart

- ▶ Assess Value Delivery
- ▶ Based on Business Value Assigned
- ▶ During each System Demo
- ▶ After each Iteration



Application of the Value Flow Chart

“The Value Flow Chart helps align Business and IT by visualizing our true progress and allowing us to adjust quickly within the PI to meet our objectives.”

— Chris Favret, GBD Agile Champion

Anthem[®]



ALLEGIS
GROUP



APPTIO[®]



UNIVERSITY OF MINNESOTA



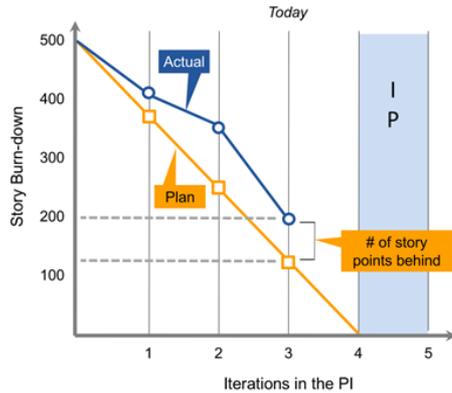
Medica[®]

Important Considerations for Implementation

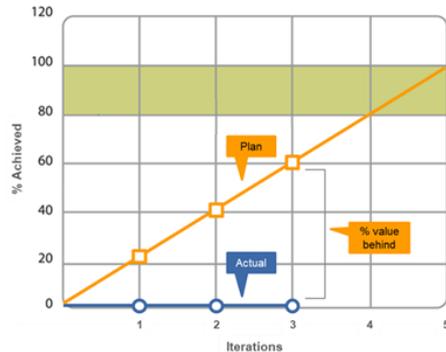
1. Business Owner Engagement
2. Letting the Customer Pull Value
3. BV is a Proxy for Value



The Value Flow Chart sparks additional questions

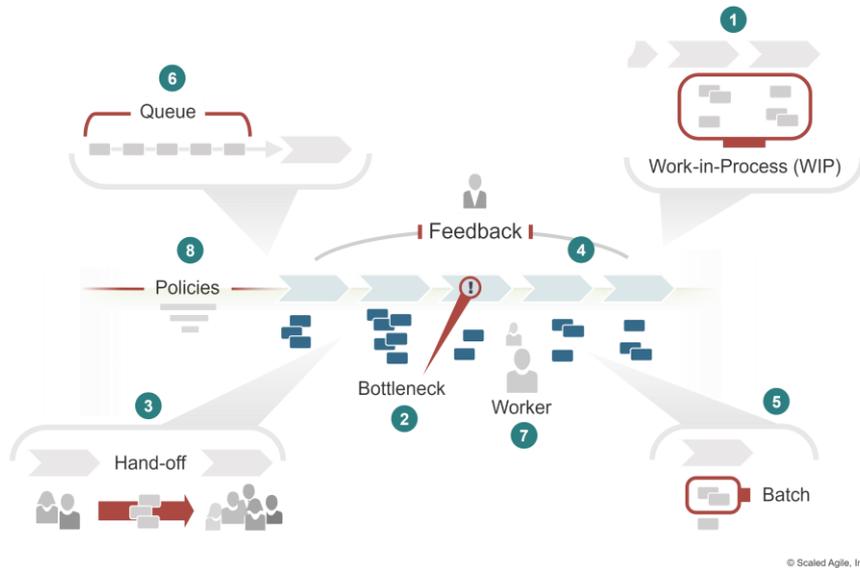


- ▶ Are our Stories valuable to our customers?
- ▶ Are we using Minimum Viable Products (MVPs) and Minimal Marketable Features (MMFs) to help us realize value quicker?



- ▶ Do we need to make enhancements to our Continuous Delivery Pipeline (CDP)?
- ▶ What about Quality or Alignment?

The Value Flow Chart prompts earlier application of the Eight Flow Accelerators



1. Visualize and Limiting WIP
2. Address Bottlenecks
3. Minimize Handoffs and Dependencies
4. Get Faster Feedback
5. Work in Smaller Batches
6. Reduce Queue Lengths
7. Optimize Time 'In the Zone'
8. Remediate Legacy Policies and Practices

Additional Benefits at Scale

Large Solution

- Coordination between suppliers
- Frequent integration
- Architecting for scale and modularity

Enterprise
Solution
Delivery

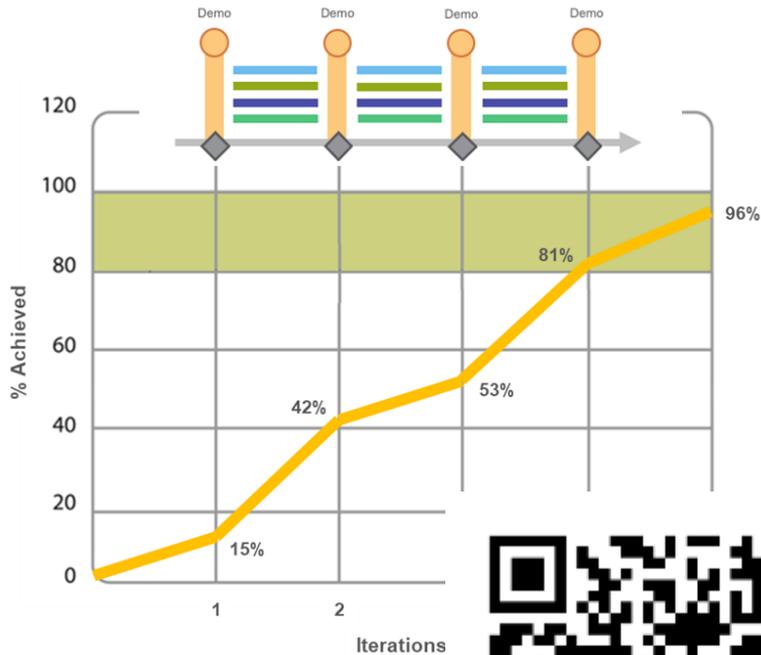


Portfolio

- Evaluation of Epic Hypotheses and associated MVPs
- Funding the Value Stream
- Strategic alignment

Lean
Portfolio
Management





Value Flow Chart

- Focuses on delivery of **INCREMENTAL VALUE**
- Helps to realize improvement **SOONER** and **MORE OFTEN**
- Enables delivery of **MORE VALUE, MORE QUICKLY**



THANK YOU

Please rate this session!

