

Challenges in Launching SAFe® Agile Release Train

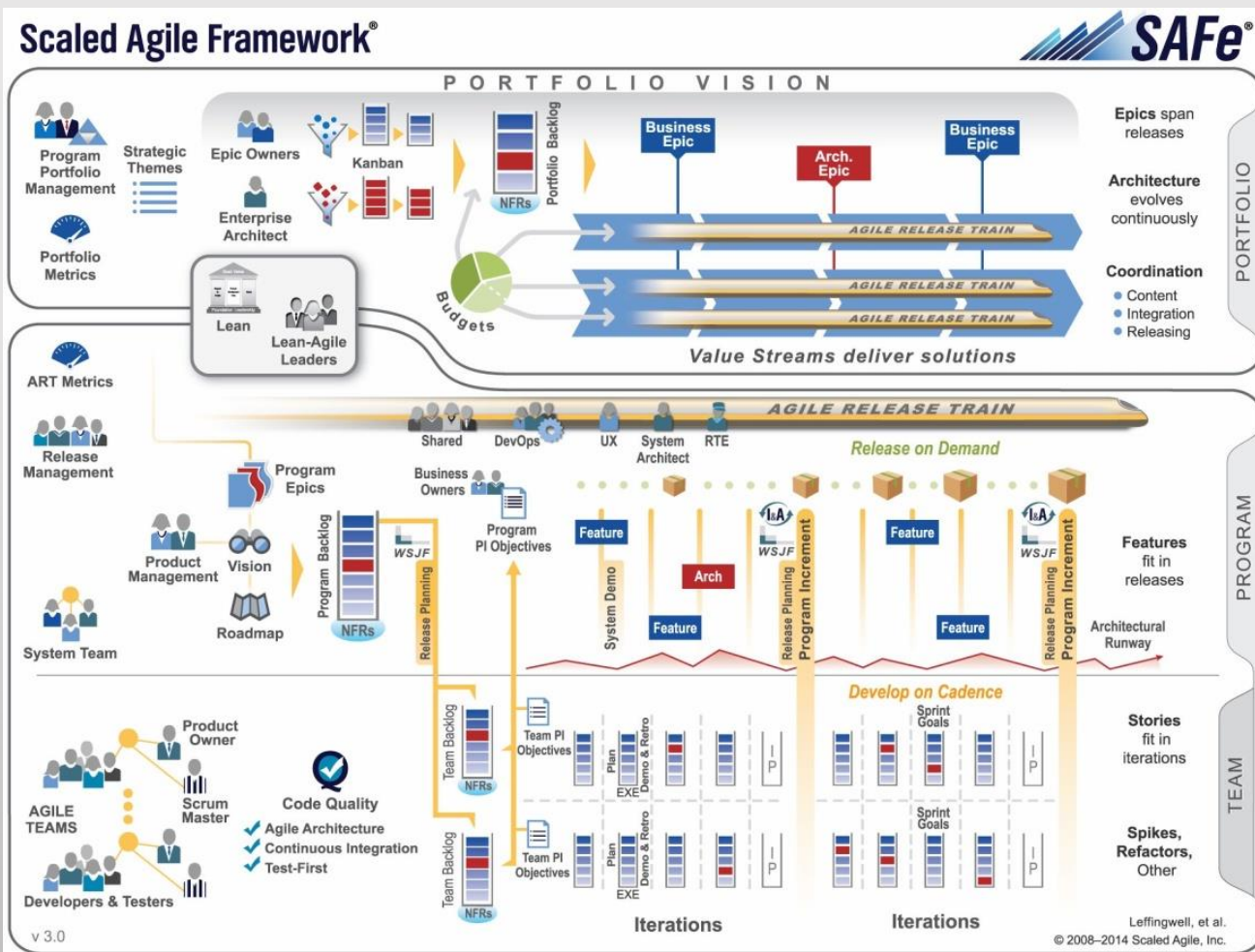


Avidan Hetzroni

Enterprise Agile Coach
SW Quality & Process Expert
CSM & SPC

Scaled Agile Framework® 3.0

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



CORE VALUES

Program Execution
 Alignment
 Code Quality
 Transparency

Agile Release Train (ART)

ART is a long-lived team of agile teams which delivers a series incremental releases of value (i.e. shippable product)



Train departs the station and arrives at next destination on reliable schedule

(usually every 10 weeks, ART velocity, predictable planning and releases events)



All “cargo” goes on the train

(shippable code packages, documentation...)

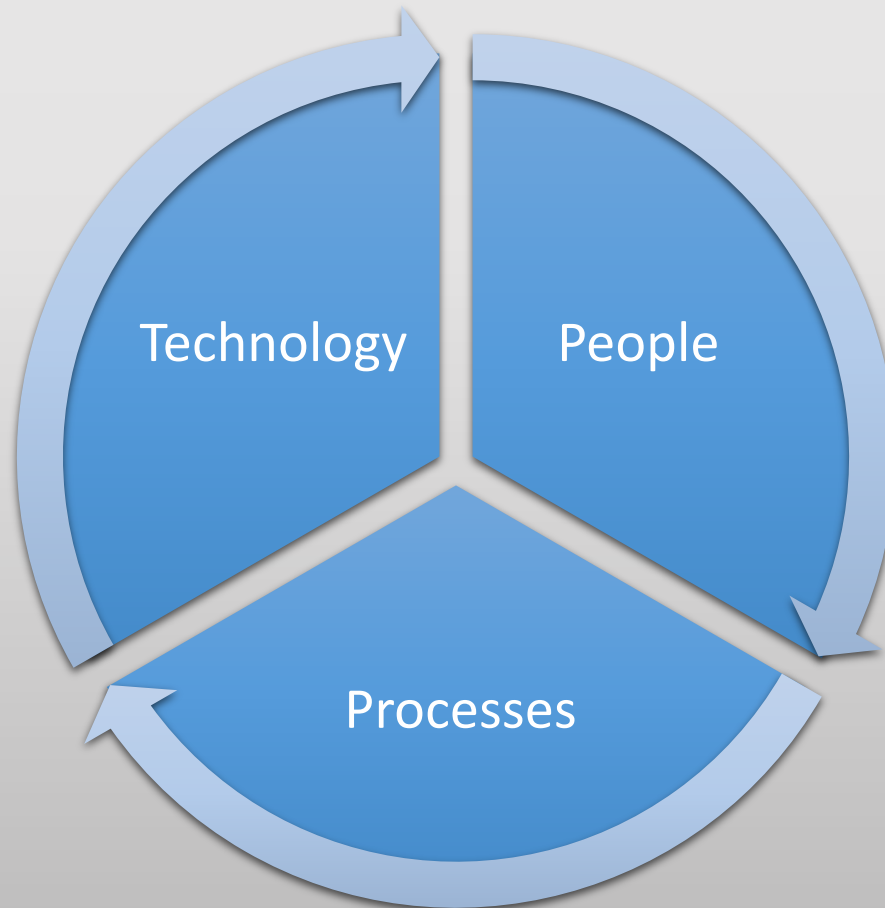


Most people needed on the train are dedicated to the train

(50 to 125 individuals organized around agile teams)

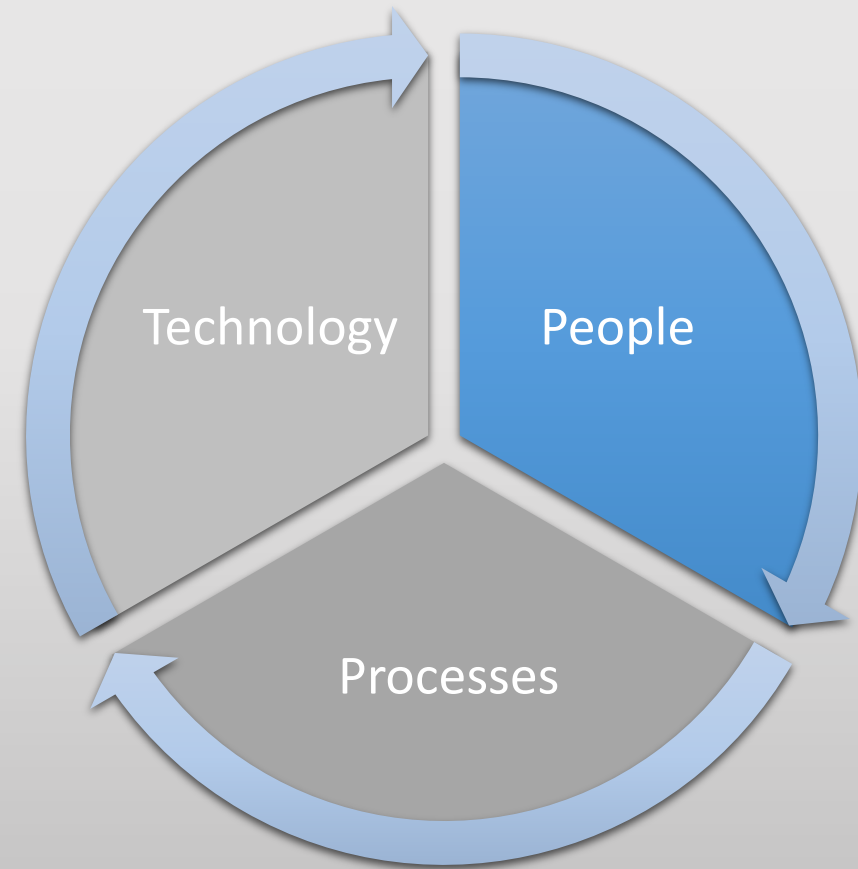
Challenges in Launching ART

Designing the Agile Release Train



Challenges in Launching ART

Which teams are needed on the train?



Most “valuable” Agile Teams

Mixed of Agile & Non-Agile Teams

Matrixed Agile Teams

SW Subject Matter Experts

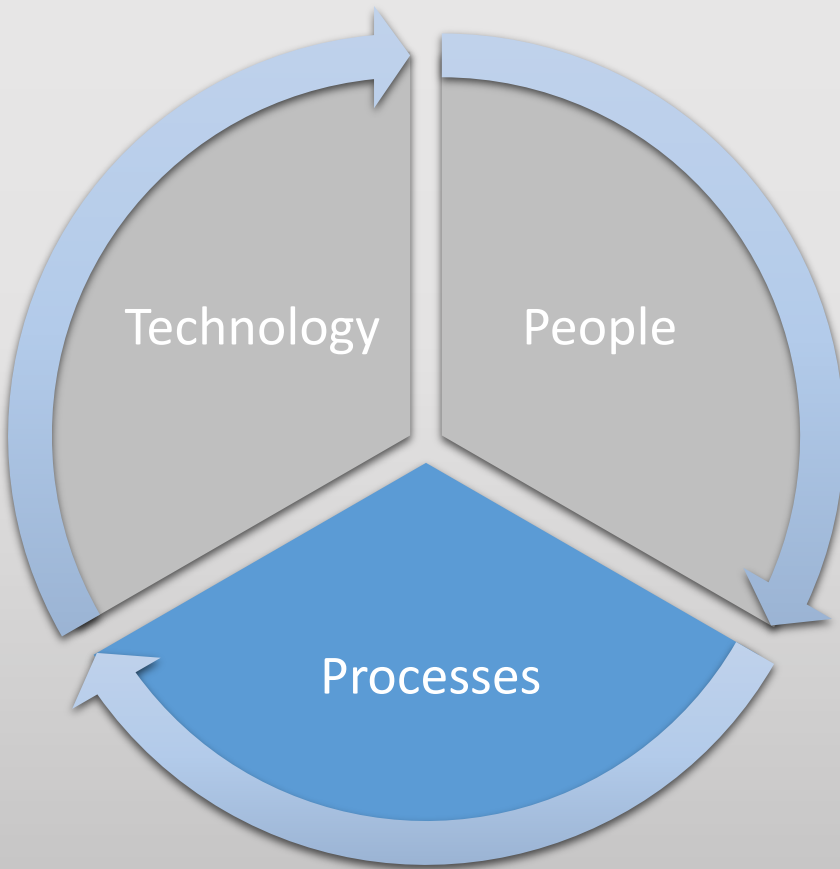
SW Sub Contractors

Other Engineering Teams
(Mechanical/Electric Eng.)

Non Engineering Teams
(Business, Factory, Service, Customer)

Challenges in Launching ART

How to get the next station?



Traditional vs. ART roles

Common Process:

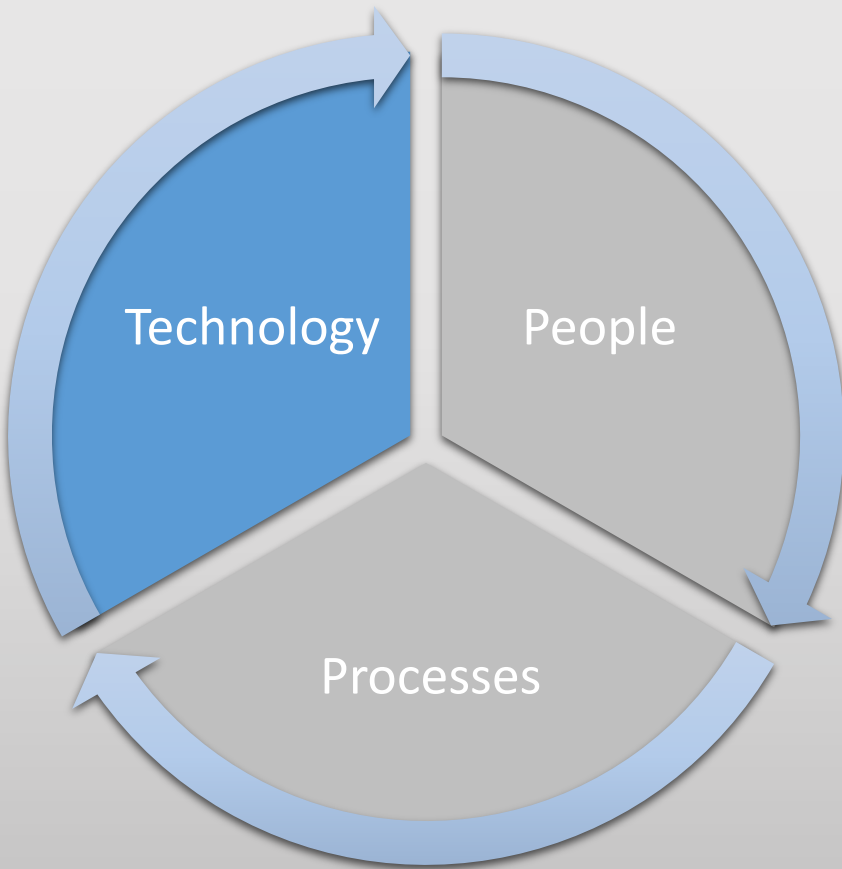
- **“Maturity” of Agile Teams**
- **Backlog Estimation**
- **Sprints Schedule (i.e. holidays)**
- **ART Backlog Definition of Done**
- **Release (quality) Criteria**

Reducing Cost of Delay by avoiding inter-dependencies

Cost of Release !

Challenges in Launching ART

How to get the next station on time?



System-Level Automation:

- **Continuous Integration**
- **Continuous Delivery**
- **Automatic Tests**

Collaboration Tool(s):

- **Team & ART Backlogs**
- **Sprints Schedule**
- **Metrics**
- **Defects / Technical Debt**

Communication Facilities:

- **Internet, Audio & Video**
- **Spaced Walls & Boards**

From Agile to SAFe®



Agile is about building teams that implement backlogs and regularly producing increments of working software



Agile at scale is about defining structure, governance, metrics and tooling strategy that supports agility

MIND THE GAP



thank

you



Avidan Hetzroni

**Enterprise Agile Coach,
SW Quality & Process Expert**

Certified Scrum Master & SAFe® Program Consultant



(+972) 053-565-9056



avidan68@hotmail.com



www.whichwaynorth.com