

# SEAC Insurance Modernization Agile

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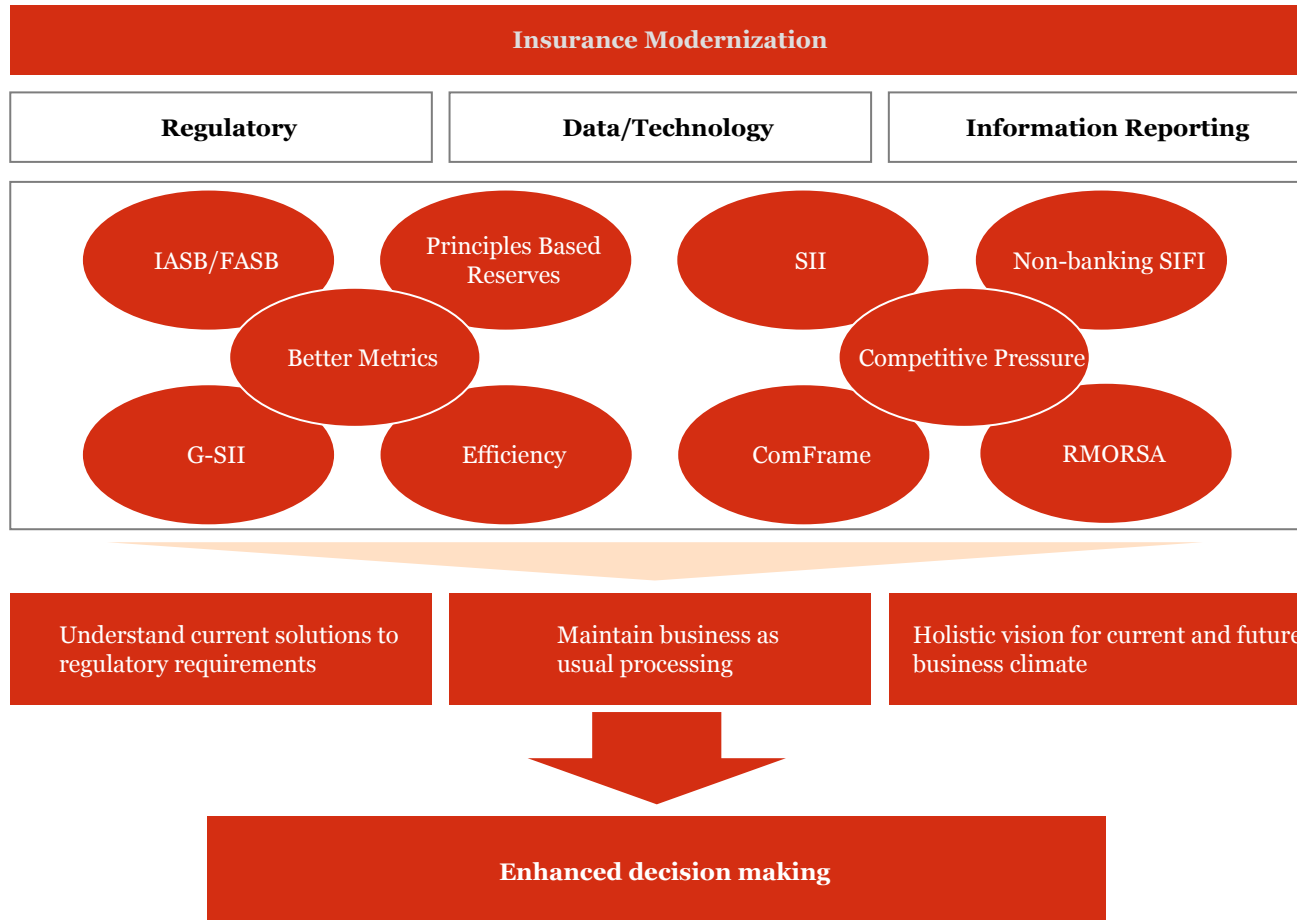
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# The Rationale for Insurance Modernization

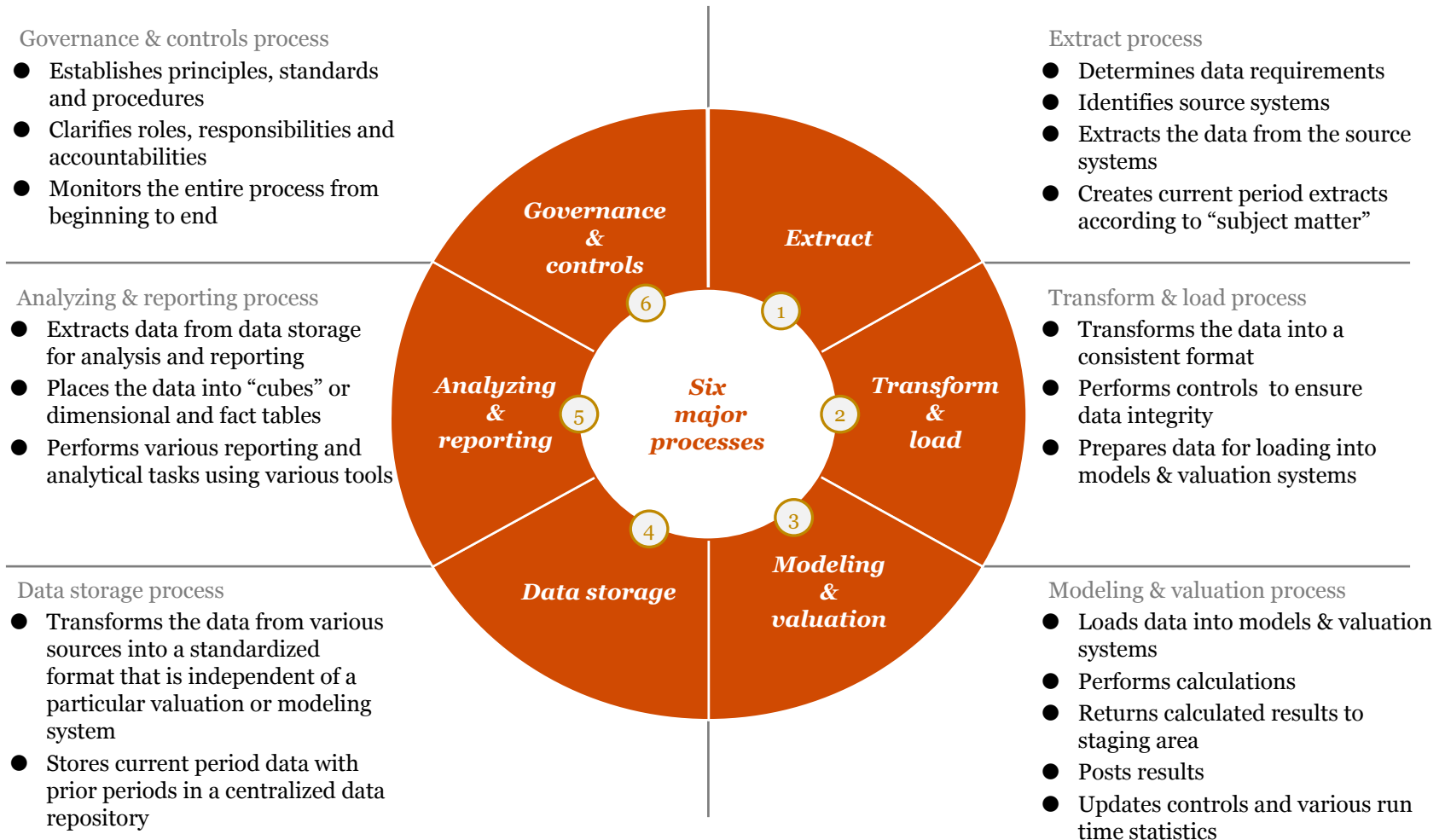
Optimizing value through enhanced decision making

Leading insurers are *separating themselves* by their ability to *access timely, relevant, and reliable management information* to *measure results* and *drive management action*.



# Modernization: Future state focusing on processes and technology

*At the heart of most actuarial modernization programs is a data management, modeling and reporting strategy founded on sound governance and control principles.*



# Why Agile?

## **Minimized risk of disruption to 'business as usual' activities**

Taking a 'fail fast' approach and frequently evaluating results (e.g. working software) that deliver real products to meet real needs enables learnings to be retained and applied to subsequent iterations

## **Ability to foster buy-in with Stakeholders at all levels of the organization**

Highly visible and successful agile initiatives instill and reinforce a greater organizational commitment to agile values and practices

## **Increased mutual sense of trust and team morale**

Frequent delivery of working software, better communication, clear expectation setting through cross-functional collaboration, and regular alignment on goals/KPIs empower teams and increase team morale

## **Establishing an increased focus on strategic and innovative initiatives**

By enabling effective, self-organizing teams, leadership can refocus their efforts on removing impediments to progress, facilitating faster delivery of business value, and increasing their focus on strategic goals

## **Greater alignment, transparency, and consistent goal-setting**

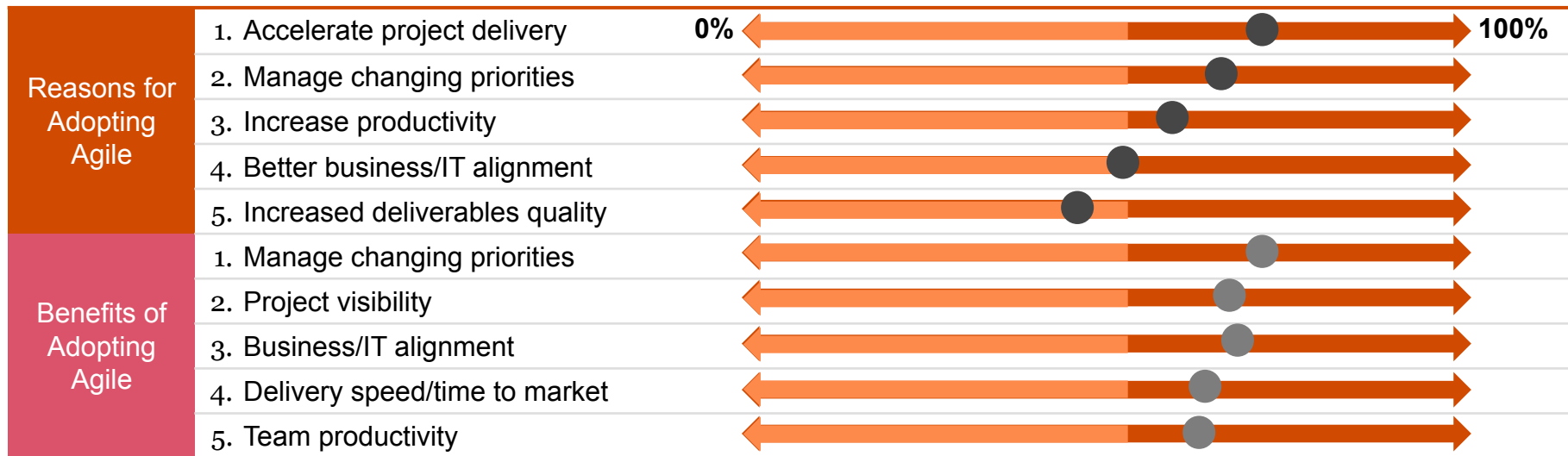
In shifting from a project-oriented to a value-oriented organization and aligning to strategic goals, agile teams yield increased productivity and bring the most valuable features to market faster, increasing customer satisfaction

# Why Agile?

## Our CEOs weigh in

Agile is a form of delivery which real utility is giving people a common foundation for making decisions about the best way to develop software and adapt our approach as the market needs. Some reasons why CEOs would use agile and apply to other areas of business includes

- CEOs know that the current environment is volatile, and unpredictable; a single event could trigger the need for **large-scale strategic changes**
- CEOs realize they need to **become more agile** and enhance their ability to respond to change to achieve immediate and long-term success



Source: VersionOne 12th Annual State of Agile Report, 2018

# Why Agile?

## Agile vs Traditional Project Management

### “Waterfall” approach

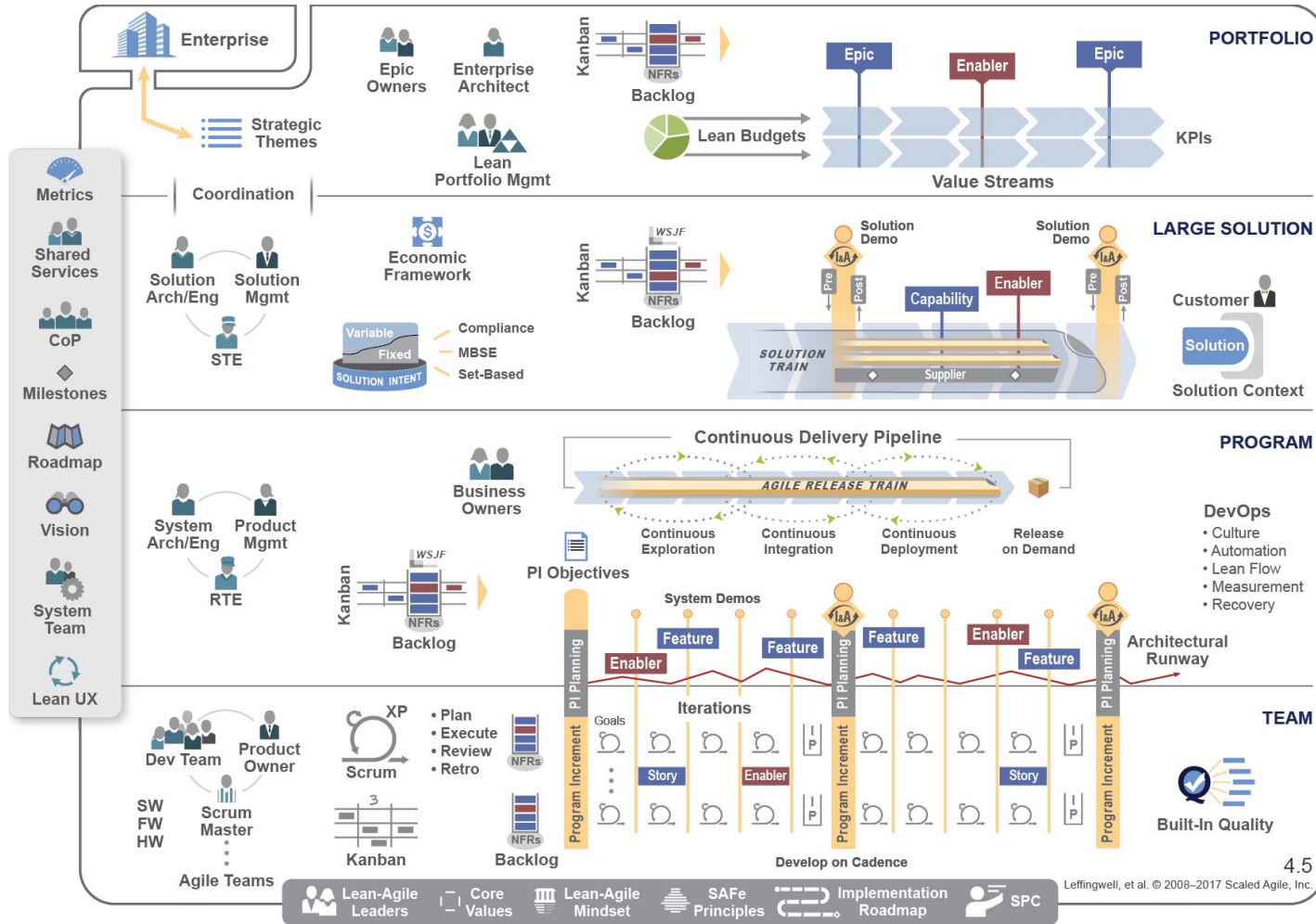
- Traditional waterfall approach is distinct phases
- Traditional waterfall approach is a sequential design process
- It is a structured development methodology so most times it can be quite rigid
- It will be completed as one single project
- Test Plan is rarely discussed during the test phase

### Agile

- Agile separates the project development lifecycle into sprints
- Agile follows an incremental approach
- Agile known for its flexibility
- Agile can be considered as a collection of many different projects
- Agile Test Plan is reviewed after each sprint

# Agile Basics - Scaled Agile Framework (SAFe)

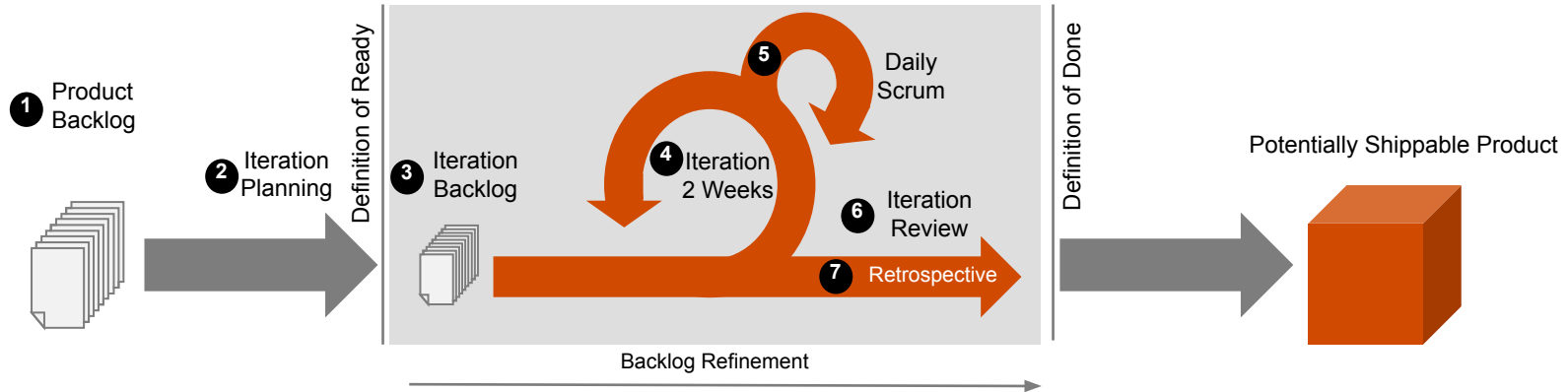
SAFe is a knowledge base of proven, integrated patterns for implementing lean-agile development.





# Agile Basics - Team Level Agile Framework

Scrum is a team-level framework for developing and sustaining complex projects; the key ceremonies that comprise the scrum practice are outlined below

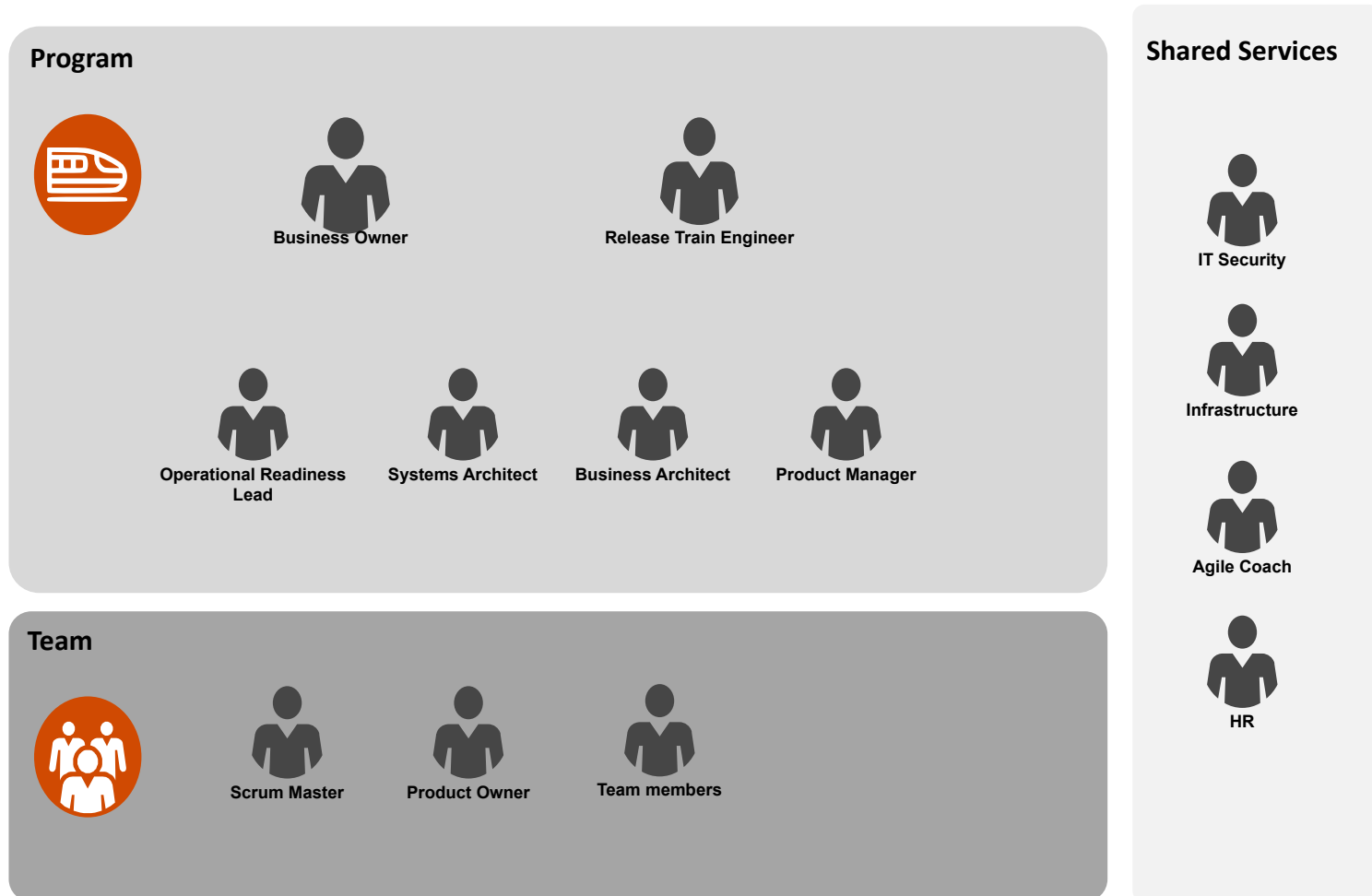


## Scrum framework

- |                             |  |
|-----------------------------|--|
| <b>1 Product Backlog</b>    | • Ordered list, prioritized by business value – single source of requirements for product  |
| <b>2 Iteration Planning</b> | • The work to be performed in the iteration is planned at the iteration planning event     |
| <b>3 Iteration Backlog</b>  | • Set of product backlog items selected to be completed during the iteration               |
| <b>4 Iteration</b>          | • Time boxed iteration of 2 weeks during which a “done” product increment is created       |
| <b>5 Daily Scrum</b>        | • Daily, time boxed (15 min) event for the development team to synchronize activities      |
| <b>6 Iteration Review</b>   | • Event to review product increment and adapt product backlog if needed                    |
| <b>7 Retrospective</b>      | • Opportunity for the team to inspect itself and create an actionable plan for improvement |

# Agile Basics - Roles by Level

Every role regardless of level has a critical impact to the Agile Release Trains (ARTs) and the value being delivered

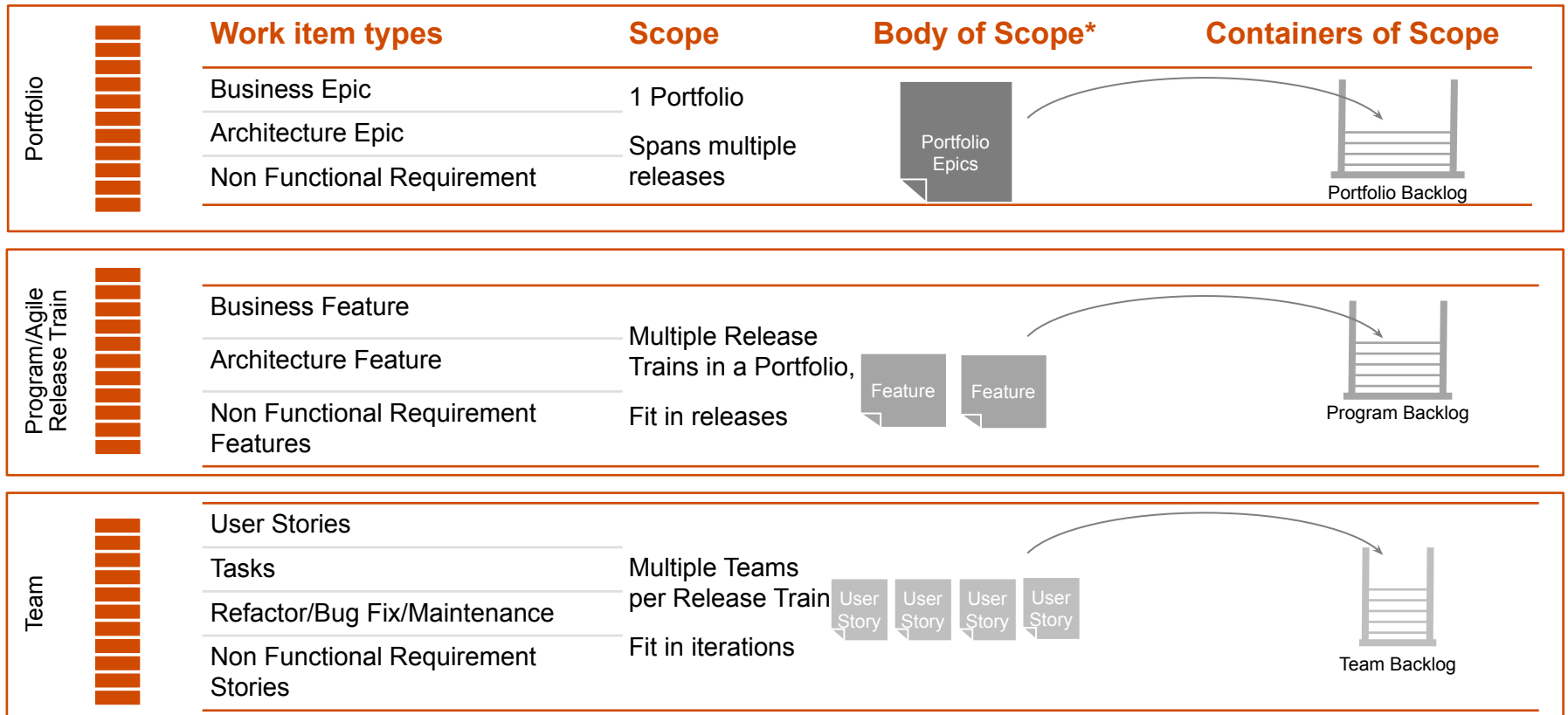


# Agile Basics - Backlog Taxonomy

Under Agile, the backlog is used to include all ideas, features, and tasks related to a particular project.

The hierarchy of a backlog is breakdown into epics, features, and user stories. The user story is the smallest unit of scope that is fully defined from a user's requirements perspective, can be developed, tested, and released. Three types of backlogs support at each level:

- **Epics** at the portfolio level
- **Features** at the program level
- **User Stories** at the team level



# Agile Challenges in Industry



## Interchangeability of Resources

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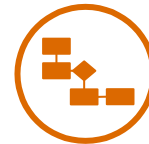
## External/Part Time Resources

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## Segmenting work that adds value

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## Rigorous Framework

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- Agile assumes all resources within a team have the same set of skills
  - It creates a challenge when certain areas move more quickly than others
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- Agile will need to be adjusted when resources are not full time on the project
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- Not all pieces of work can demonstrate the same value on its own
  - Stakeholders need to look at the Agile framework holistically
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- Too much focus on speed for minimum viable product (“MVP”) delivery
  - Compromises on potential growth
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# Thank you

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