

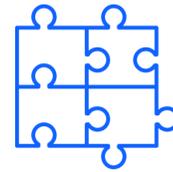
# IBM Engineering Lifecycle Management An integrated 'Agile-Lean' delivery process using SAFe®



Bhawana Gupta  
Senior Product Manager, IBM Engineering



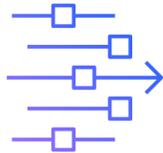
# Innovation is transforming how businesses and the world work



A Services organization is developing revenue-generating digital products complementary to traditional



A Travel company offers apps with geo-localization and virtual reality to help customers find interesting



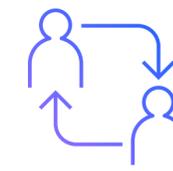
An Automotive OEM is shifting its delivery model to support \$23B in annual revenue from software subscription by 2030



A Mortgage company is reshaping their business using digital to be a single stop investment option

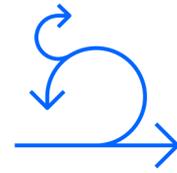


A credit company has developed digital model to improve their market reach for their high-touch offerings



An Apparel company has moved to digital processes to collaborate with design partners and suppliers

# Setting new goals for organizations



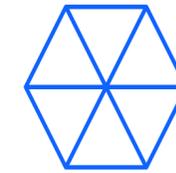
## Achieve Enterprise Agility

Adopt the critical skills, principles, and practices needed to create high-performing teams who can deliver differentiating capabilities at the speed needed to satisfy market demands.



## Focus on Customer Value

Move large and complex software and systems development from stage-gated approaches to a flow-based delivery-model which is organized around delivering what the client wants and needs



## Transform Quality

Ensure that investments are driving high quality changes, in terms of both the delivery of high-valued features as well as low- or zero-defect functionality.

# IBM Engineering solution for Enterprise Agile Planning

With IBM Engineering, organizations transform software delivery with agile, scale across the enterprise, and optimize along the value stream to increase efficiency and effectiveness, delivering the right products at the right times.

## Enterprise Scale

Easily adapt, integrate and scale across all levels of the enterprise

## Optimize across the Value Stream

Connect innovation, strategy and work to deliver value to the customer

## Insightful Delivery

Visualize data for actionable insights and predictable delivery outcomes

# Enterprise Agile Planning using SAFe®

SAFe® is a knowledge base of proven, scalable, and configurable principles, practices, and competencies for Lean, Agile, and DevOps, no matter the organization’s size, industry, or complexity.

## 01

Get up and running quickly with out-of-the-box infrastructure to implement all levels of SAFe

## 02

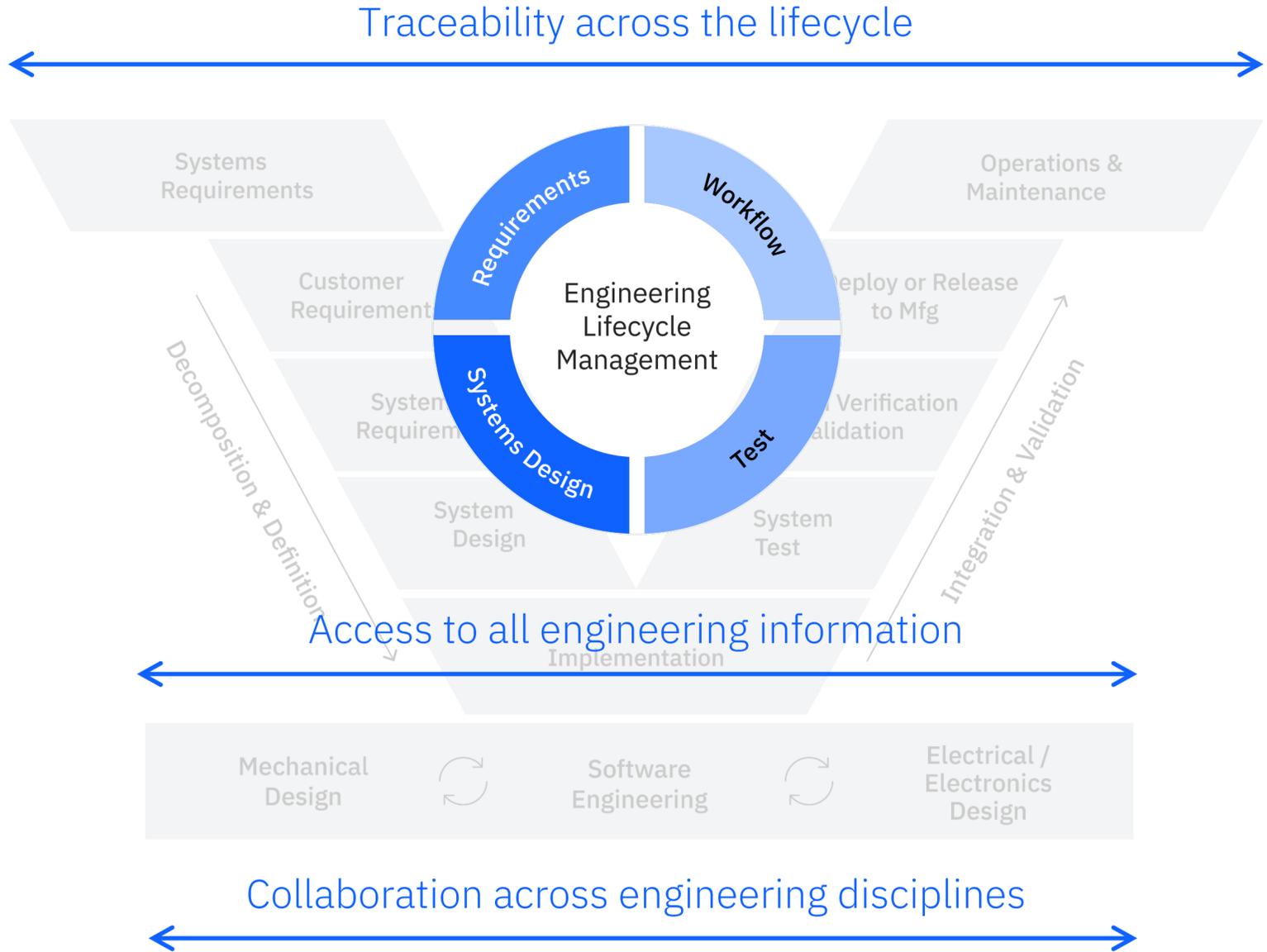
Simplify change to culture and process with quick and easy access to SAFe guidance

## 03

Improve agility and predictability with role-based dashboards

## 04

Easily customize to fit your specific needs and organization



# ELM Templates for SAFe® 6.0

Use two predefined process templates that support Scaled Agile Framework (SAFe®) 6.0 to establish your tooling environment

## Full SAFe 6.0

Use template to establish a tooling environment for:

Full SAFe: with the Portfolio Epic, Solution Epic and Capability

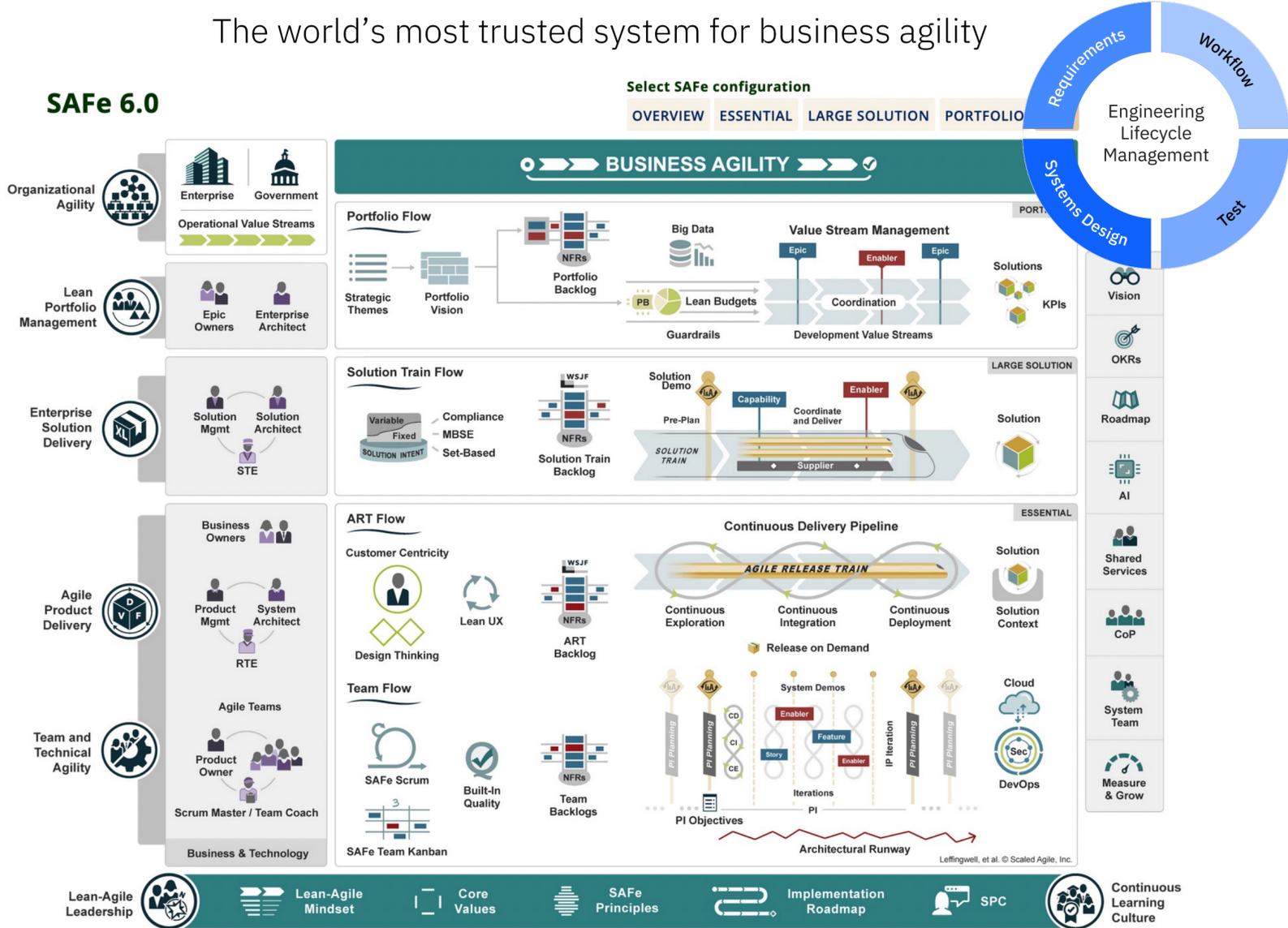
Large Solution SAFe: with Solution Epic and Capability.

Portfolio SAFe: with the Portfolio Epic, Solution Epic and Capability.

## Essential SAFe 6.0

Use template to establish a tooling environment for an ART and its teams

These need to be associated with a Full, Large Solution or Portfolio SAFe tooling environments



© Scaled Agile, Inc.

# SAFe® Support - Taxonomy

	Track & Plan	Solution Analysis	Quality
Portfolio flow	<ul style="list-style-type: none"> <li>– Strategic theme</li> <li>– Objective &amp; Key results (OKRs)</li> <li>– Lean budget</li> <li>– Portfolio backlog / Kanban</li> </ul>	<ul style="list-style-type: none"> <li>– Portfolio vision / Canvas</li> <li>– Lightweight business case</li> </ul>	
Solution Train flow	<ul style="list-style-type: none"> <li>– Solution Train backlog</li> <li>– WSJF ranked list</li> <li>– Roadmap &amp; Kanban</li> </ul>	<ul style="list-style-type: none"> <li>– Value stream Canvas</li> <li>– Solution intent</li> </ul>	<ul style="list-style-type: none"> <li>– Solution Train Test plan</li> <li>– Test cases</li> <li>– Test scripts</li> </ul>
ART flow	<ul style="list-style-type: none"> <li>– ART backlog</li> <li>– WSJF ranked list</li> <li>– Roadmap &amp; Kanban</li> <li>– Dependency board</li> </ul>	<ul style="list-style-type: none"> <li>– Solution context</li> <li>– Rules / Personas</li> <li>– Lifecycle Scenarios (Acts, scenes, roles)</li> </ul>	<ul style="list-style-type: none"> <li>– ART test plan</li> <li>– Test cases</li> <li>– Test scripts</li> </ul>
Team flow	<ul style="list-style-type: none"> <li>– Ranked backlog</li> <li>– Kanban &amp; Scrum boards</li> <li>– Task board</li> <li>– Dependency board</li> </ul>	<ul style="list-style-type: none"> <li>– User story elaborations</li> <li>– Supporting artifacts</li> <li>– Release collections</li> </ul>	<ul style="list-style-type: none"> <li>– Team test plan</li> <li>– Test cases</li> <li>– Test scripts</li> </ul>
	<b>Engineering Workflow Management</b>	<b>ERM – DOORS Next</b>	<b>Engineering Test Management</b>

# Use recommended base delivery constructs and concepts

## Roles, ARTs and PIs

**Timelines** ?  
The project timeline defines a start and end date along with an iteration b...  
**Tip:** Iterations can be manually reordered using drag and drop.

**Defined Timelines**

- JKE Acct Mgmt - Timeline [Project Timeline]
  - JKE Account Mgmt Roadmap [10/31/2015 - unknown]
    - JKE Acct Mgmt - Agile Release Train [10/31/2015 - unknown]
      - PI 1 [10/31/2015 - 1/30/2016]
      - PI 2 [1/31/2016 - 4/29/2016]
      - PI 3 [4/30/2016 - 7/30/2016]
      - PI 4 [7/31/2016 - 10/30/2016]
      - PI 5 [10/31/2016 - 1/30/2017]
      - PI 6 [1/31/2017 - 4/29/2017]
      - Backlog

**Roles** ?  
Each project area and each team area can define a set of roles. The defined roles are visible in the area where they're declared and in all child a... for the whole project area or they can be assigned in any team area. Roles defined in a team area can similarly be assigned in that team or in ar... they will be ordered in other sections of the editor, but it does not affect the process runtime.

**Defined Roles**

- Product Manager
- Epic Owner
- UX Designer
- System Architect
- Release Train Engineer
- Business Owner
- Product Owner
- Scrum Master Team Coach
- Team Member
- Admin

**Role Details**

Identifier: \* product-manager  
Name: Product Manager  
Cardinality:  single  many  
Description: SAFe ART Level: The product manag... roadmap, works with product owner... Objectives. This person has content

## Work Item Templates

**Create Work Items From Template**

1 Select a Template 2

**Select a Template**

- ART Initiation
- Planning Interval (PI) Planning
- Team Innovation and Planning
- Team Iteration

Creates work items for initiating a SAFe Agile Release Train (ART).

Cancel < Back Next > Finish

**Program increment (4 level)**

- Prepare for PI planning
  - Refine and prioritize the Program Backlog (enablers)
  - Refine and prioritize the Program Backlog (features)
  - Prepare program level executive briefing
  - Prepare product vision briefing
  - Prepare architecture vision briefing
  - Readiness for PI planning
  - PI planning event
- Execute the program
  - Program epic kanban
  - System integration
  - Release management meeting
  - Conduct scrum of scrums
  - Conduct PO Sync
- Inspect and Adapt
  - Conduct program-level inspect and adapt workshop
  - System demo

## Definition of Done

**Feature 304** ?

Summary: \* Determine impact of extra load from special loans offers

Overview Acceptance Criteria **Done Criteria**

**Checklist**

- Acceptance Test:  Required
- Documentation:  Required
- Performance Test:  Required
- UX Design:  Required

## In-Context Guidance

**Capability 53** ?

Summary: Cap 3

Overview Acceptance Criteria

**Details**

Type: **Type Description**

**Capability**

Like | Updated Sep 13, 2016 by SharoonShettyK | Tags: None Add tags

Edit Page Actions

The template defines a capability work item type that matches the corresponding concept in SAFe. For more information, see <http://www.scaledagileframework.com>

Capabilities are similar to features, but account for higher-level behaviors of the solution, which often spans multiple ARTs. They maintain PI delivers solution value.

The capability work item type defines the following custom attributes:

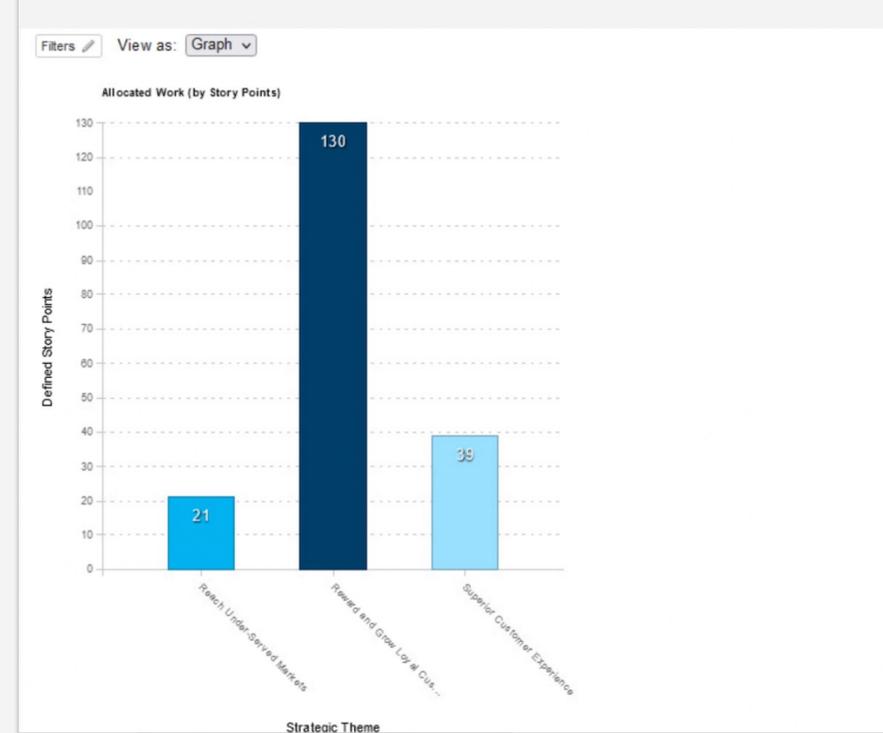
- Acceptance Criteria** - Free-form text field identifying the how acceptance will be determined upon delivery of this work item.
- Actual Story Points** - Integer representing the actual Story Points (manually rolled up child work item(s)).
- Estimated Story Points** - Integer representing the estimated Story Points expected to deliver this work item.
- Blocked** - Indicates a "soft dependency", that is the work item is blocked by some other required work.
- Reason** - The free-form text explanation of the "soft dependency".
- Documentation** - (part of "Done Criteria") Indicates whether or not Documentation is Required/Not Required/Completed.
- UX Design** - (part of "Done Criteria") Indicates whether or not User Experience Design is Required/Not Required/Completed.
- Acceptance Test** - (part of "Done Criteria") Indicates whether or not Acceptance Testing is Required/Not Required/Completed.
- Performance Test** - (part of "Done Criteria") Indicates whether or not Performance Testing is Required/Not Required/Completed.
- Checklist Notes** - (part of "Done Criteria") Free-form text of any notes related to "Definition of Done".
- SAFe Enabler Type** - Used to categorize the work item as work required for Infrastructure, Architecture or Exploration.
- SAFe Work Type** - Used to categorize the work item as either a Business (end-user) or Enabler work type.
- WSJF** - Weighted Shortest Job First (WSJF) is a read-only calculated value. The attribute is used to reflect the economic ranking of this

# Align Portfolio to Strategic Themes

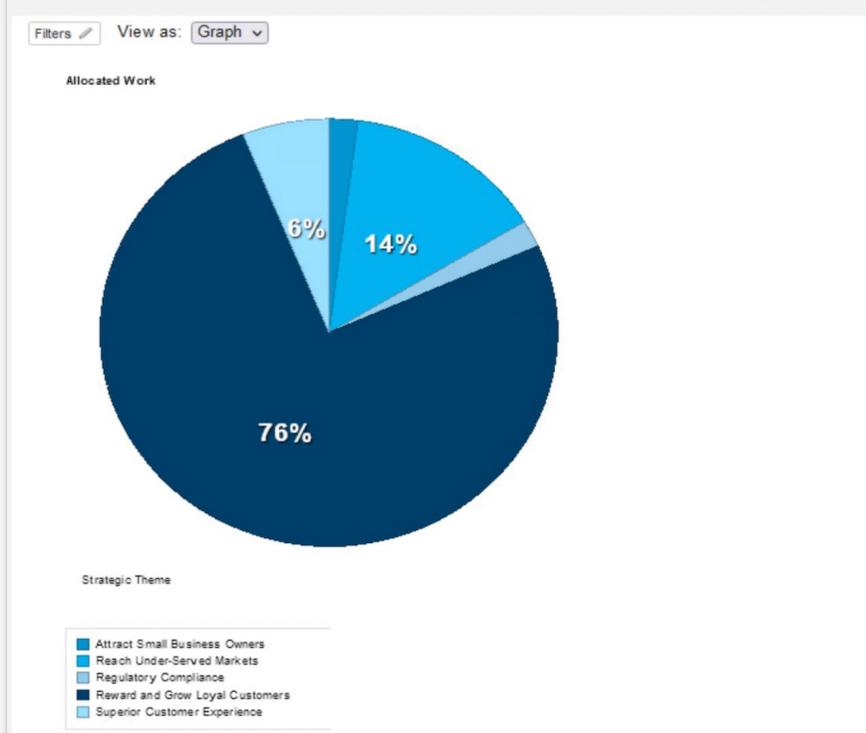
Provide business context for portfolio strategy and decision-making, representing aspects of the enterprise's strategic intent, through associations to related Organizations (Value Stream, Solution Train, or ART) and tracked Objectives at various levels of the organization.

Strategic Themes									
	Summary	Owned By	Status	Planned For	Value to Customer	Impact on Business	Impact on Competition	Tracks	Related
	Reach Under-Served Markets	Paul	Approved	JKE Roadmap	60% - Moderate	20% - Very Low	40% - Low	660: Achieve rev  Links (3): 1, 2, 3	
	Superior Customer Experience	Rebecca	Approved	JKE Roadmap	40% - Low	20% - Very Low	20% - Very Low	662: Increase cu:  Links (3): 1, 2, 3	
	Reward and Grow Loyal Customers	Paul	Approved	JKE Roadmap	60% - Moderate	60% - Moderate	20% - Very Low	Links (2): 1, 2  Links (4): 1, 2, 3,	
	Regulatory Compliance	Bob	Approved	JKE Roadmap	80% - High	20% - Very Low	20% - Very Low	--  644: JKE Meters	

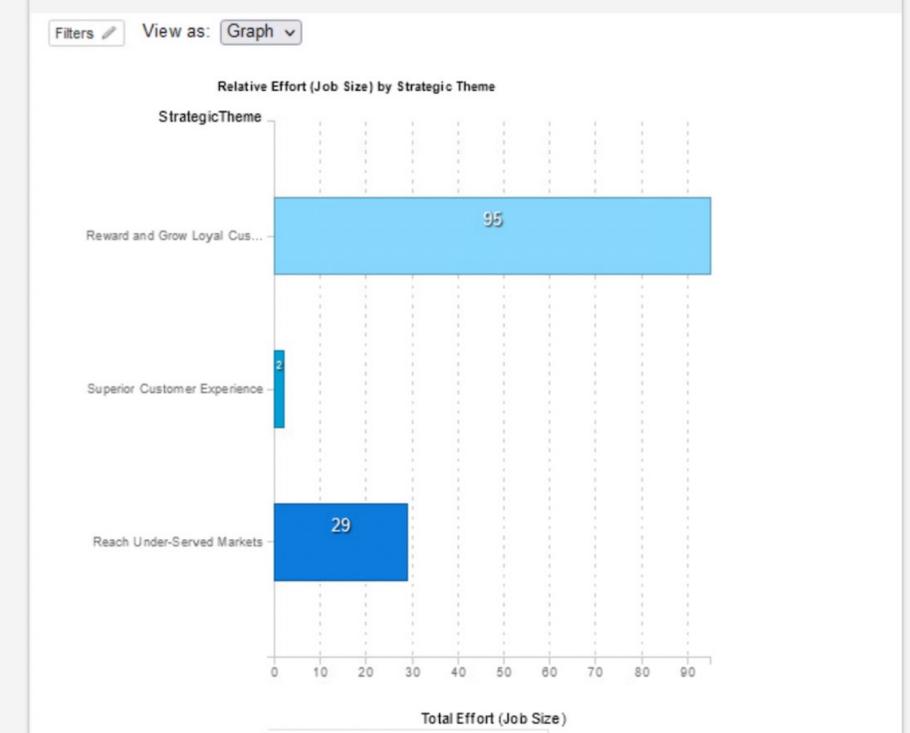
All Committed ART-level Work for Active Strategic Themes (By Story Points)



All Committed ART-level Work for Active Strategic Themes (By Count)



Relative Effort by Strategic Theme (Features) [PORTFOLIO SAFE]



# Establish clear goals and outcomes

Use Objective-Key Results (OKRs) to:

- Enhance strategic alignment through specific and measurable actions.
- Define business outcomes and effort for tracked epics in the Portfolio Kanban.
- Set improvement goals and measure the success of a SAFe transformation.

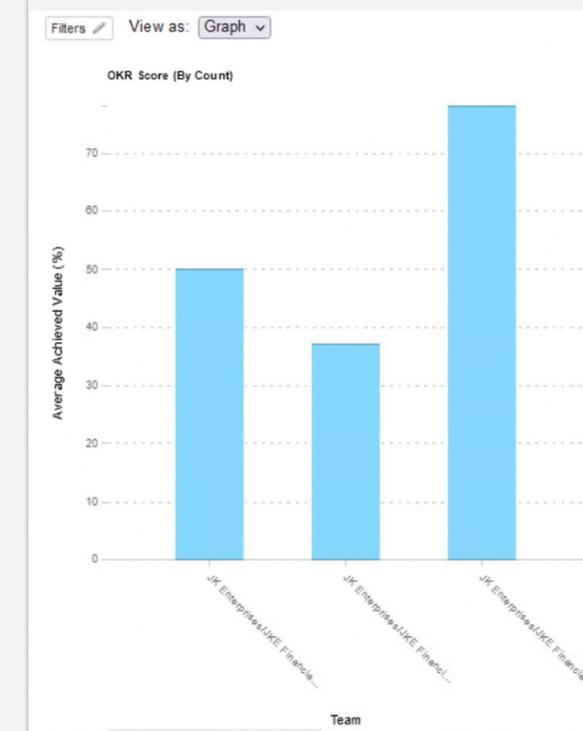
## Strategic Themes - Objectives

Summary	Scope	Owned By	Status	Filed Against	Proposed	Planned For	Children	Tracks
Attract Small Business Owners	--	Paul	Approved	JKE Financial Services	--	JKE Roadmap	--	--
Reach Under-Served Markets	--	Paul	Approved	JK Enterprises	--	JKE Roadmap	--	660: Achieve re
Strategic: Achieve revenue of \$10 million	Value Stream	Paul	Reviewed	JK Enterprises	--	JKE Roadmap	Links (2): 1, 2	--
Superior Customer Experience	--	Rebecca	Approved	JK Enterprises	--	JKE Roadmap	--	662: Increase i
Strategic: Increase customer retention	Value Stream	Rebecca	Reviewed	JKE Financial Services	--	JKE Financial S	--	Links (2): 1, 2
Tactical: Improve efficiency of the driv	ART	Bob	Reviewed	JKE Shared Services	--	PI 2	Links (2): 1, 2	--
Strategic: Increase customer engager	ART	Rebecca	Reviewed	JKE Account Management	--	PI 1	Links (2): 1, 2	--
Reward and Grow Loyal Customers	--	Paul	Approved	JK Enterprises	--	JKE Roadmap	--	Links (2): 1, 2
Tactical: Delight our company customers	Value Stream	Susan	Reviewed	JKE Financial Services	--	JKE Roadmap	636: k_result 4.1	Links (6): 1, 2,
Tactical: Design product as per client'	ART	Bob	Reviewed	JKE Account Management	--	PI 2	Links (2): 1, 2	--
Strategic: Expand user base in existing a	Value Stream	Paul	Reviewed	JKE Financial Services	--	JKE Financial S	--	Links (5): 1, 2,
Regulatory Compliance	--	Bob	Approved	JK Enterprises	--	JKE Roadmap	--	--

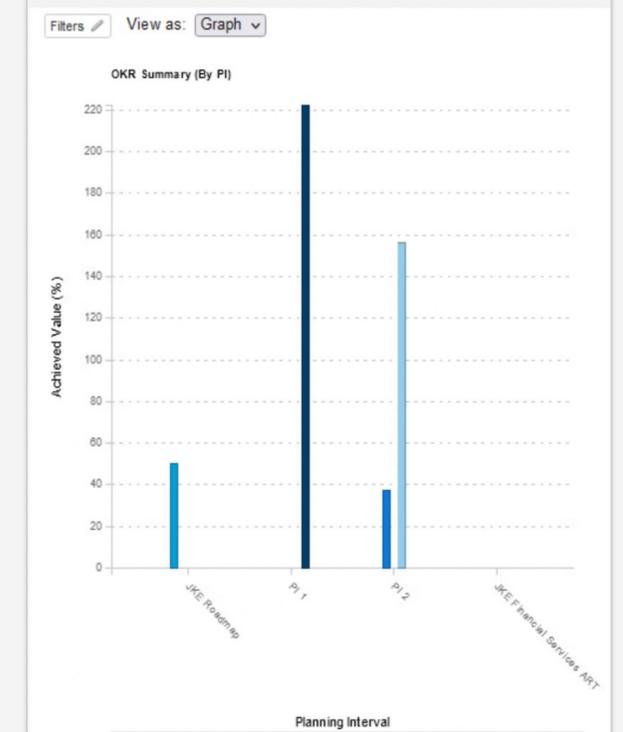
## OKR Board

Plan Items	New	In Progress	Reviewed	In Progress	Done	
647: Improve efficiency of the driving (Paul, JKE Shared Service, PI 2)	657: Improve average weekly visits per (Rebecca, JKE Shared Service, PI 2)	656: Increase non-paid (organic) traffic (Rebecca, JKE Shared Service, JKE Roadmap)	648: Design product as per clients (Bob, JKE Account Man, PI 2)	658: Design a draft and get approval from (Unassigned, JKE Financial Serv, PI 2)	663: Design a beta version of a product (Unassigned, JKE Account Man, PI 2)	659: Meet with client to understand design (Susan, JKE Account Man, JKE Financial Serv)

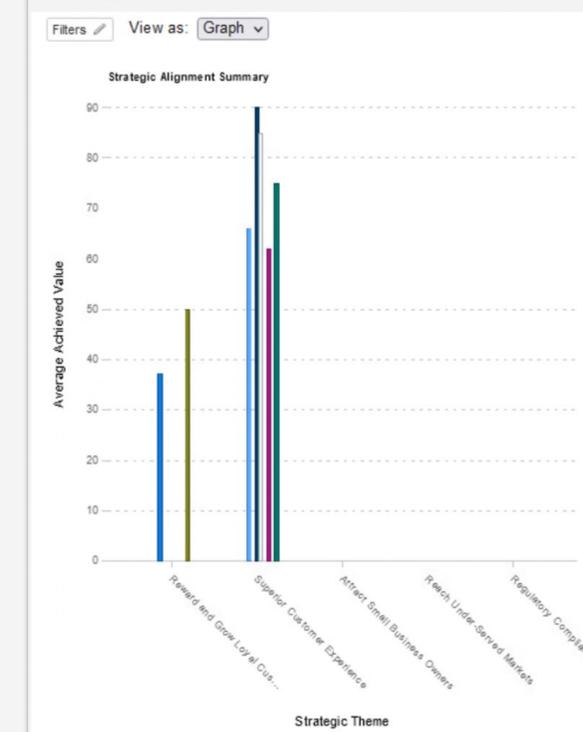
OKR Measure (By Team, By %Achieved Value)



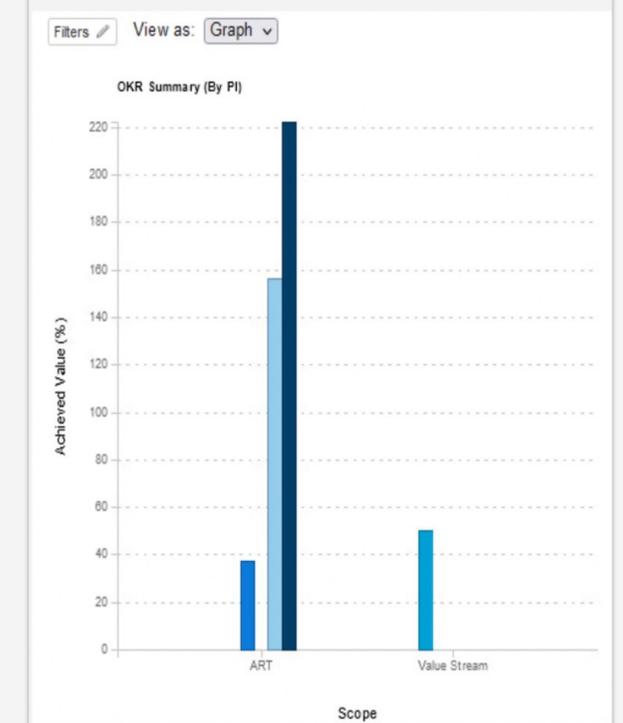
OKR Summary (By PI)



Strategic Alignment Summary



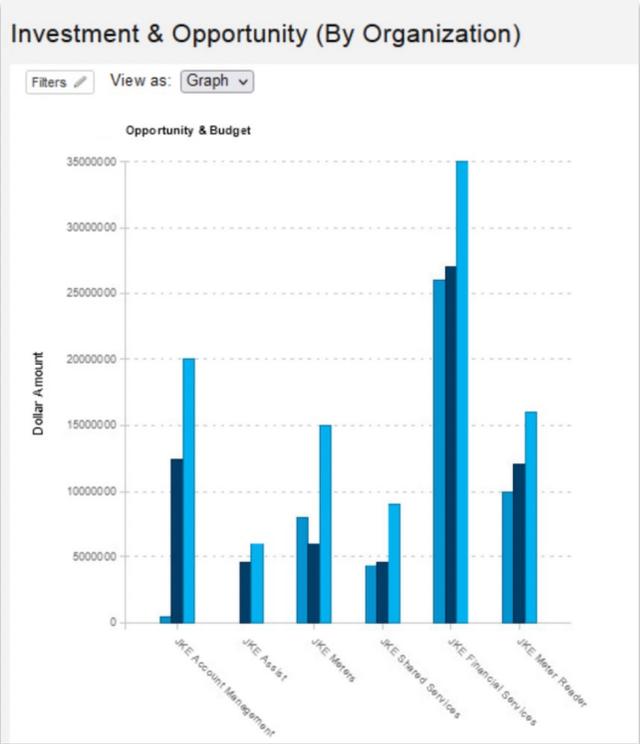
OKR Summary (By Scope)



# Establish Lean Budgeting

Adopt a financial governance approach that funds value streams instead of projects, accelerating value delivery and reducing the overhead and costs associated with traditional project cost accounting.

View the Total Market Opportunity as well as the budgeted and allocated investment (when specified) for each Organization in the Portfolio with details that include the budgeted and allocated capacity based on the investment and its alignment by Strategic Themes.



## Lean Budgeting for Organization

View As: Organization | Exclude (22 items excluded) | Type to Filter

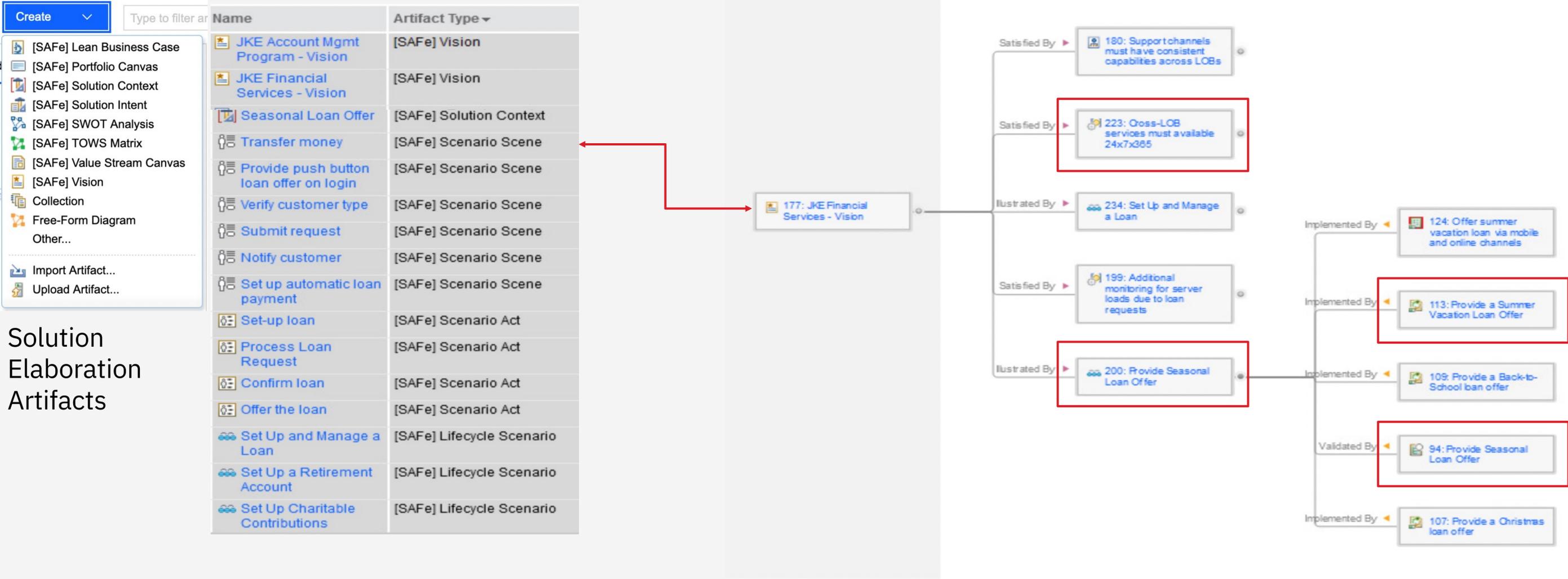
Summary	Scope	Owned By	Total Market Opportunity	Allocated Capacity	Allocated Investment	Budgeted Capacity	Budgeted Investment	Related	Implem
▼ JKE Financial Services	Value Stream	Susan	35,000,000	85	26,000,000	100	27,000,000	640: Rewa	--
JKE Account Management	ART	Susan	20,000,000	70	423,466	730,066	12,400,000	Links (4): 1	--
JKE Shared Services	ART	Susan	9,000,000	10	4,324,366	273,455	4,600,000	Links (4): 1	--
JKE Assist	ART	Susan	6,000,000	5	24,343	2,785,656	4,600,000	Links (4): 1	--
▼ JKE Meter Reader	Value Stream	Susan	16,000,000	10	10,000,000	10	12,000,000	--	--
JKE Meters	ART	Susan	15,000,000	8	8,000,000	10	6,000,000	641: Regul	--



# Design solution vision

Adopt a design thinking approach for better understanding the problem to be solved, the context in which the solution will be used, and the evolution of that solution.

Define scenarios, requirements and traceability to implementation and test artifacts.

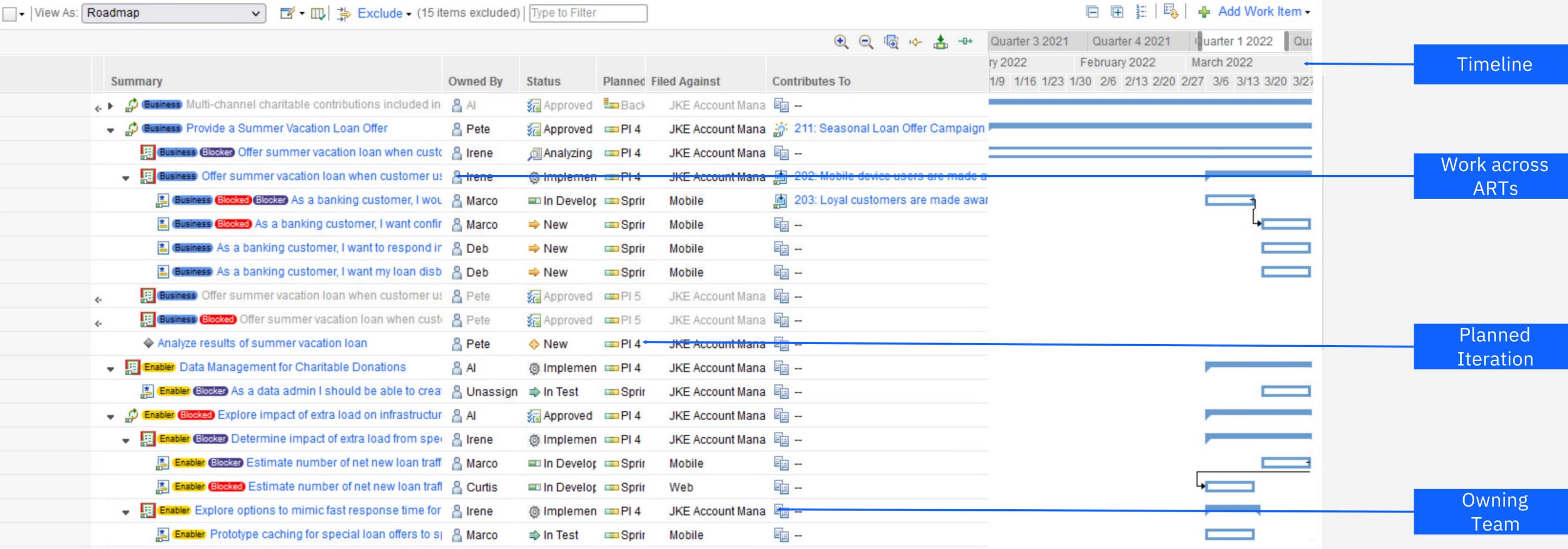


# Forecast deliverables using Roadmap

Communicate planned deliverables, milestones, and investments over a time across multiple planning horizons.

Link strategy to execution to develop, evolve and adjust planned activities in terms of what and how to build within the next timebox.

Provide stakeholders with a view of the current, near-term, and longer-term deliverables that realize the Portfolio Vision and Strategic Themes.



# Sequence Jobs for Maximum Benefit

Optimize economics versus theoretical job return on investment (or worse, first-come, first-served, loudest voice) to ensure the highest value is delivered in the shortest lead time.

Prioritize the backlog using Weighted Shortest Job First (WSJF), to minimize cost of delay (COD).

Planned Items										
Links      Snapshots      Dashboard      Notes										
View As: Roadmap (WSJF Planning)      Exclude      Type to Filter      Add Work Item										
Summary	Id	Status	WSJF	Job Size	RROE	Time Criticality	User/Business Value (com.ibm)	Proposed	Planned For	
Business Consistent loan manage	212	Implementing	15.67	3	5	21	21	PI 6	PI 6	
Business Seasonal Loan Offer Ca	211	Implementing	14	3	13	21	8	PI 6	PI 6	
Business Offer online guidance for	604	Ready (for Approval)	13	3	13	5	21	PI 5	Solution Roadmap	
Business Supervised Account Opti	219	Ready (for Approval)	11.33	3	8	13	13	PI 5	Backlog	
Business Leverage unique capabi	214	Implementing	7.4	5	3	13	21	PI 4	PI 4	
Business Support non-English sp	218	Approved	6.8	5	21	8	5	PI 6	Backlog	
Business Consistent account mar	213	Implementing	5.63	8	3	21	21	PI 6	PI 6	
Enabler Comply with Accessibility	215	Approved	3.4	5	8	1	8	Backlog	Backlog	
Business Grow mobile device sup	216	Implementing	2.38	13	13	5	13	PI 6	PI 6	
Business Small Business Contrib	217	Analyzing	2.63	8	5	8	8	Backlog	Backlog	
Business Targeted loan offers bas	220	Draft	0	Unassi	Unassi	Unassigned	Unassigned	--	Backlog	
Business "Training Wheels" Accou	221	Draft	0	Unassi	Unassi	Unassigned	Unassigned	--	Backlog	

WSJF automatically calculated based on set WSJF component values and list of Features is re-sorted

# Plan across multiple delivery horizons

Propose and plan how features and stories will be delivered across different planning intervals to deliver value.

Apply cadence and synchronize with cross-domain planning to 'plan' commitment to the ART business.

Steer the ART during execution to improve flow and ART performance.

The image displays three Jira boards side-by-side, representing different planning horizons: PI 4 (Current: 1/10/2022 - 4/1/2022), Sprint 4.5 (Current: 3/7/2022 - 3/18/2022), and Sprint 4.6 (3/21/2022 - 4/1/2022). Each board shows a 'Ranked list' of work items with various tags and progress indicators. Annotations include:

- Rank items:** A blue box with a vertical double-headed arrow pointing to the ranked list in the PI 4 board.
- Drag & Drop to plan Iterations:** A blue box with a curved arrow indicating the movement of work items between the boards.
- Quickly create work items:** A blue box with an arrow pointing to the 'Create a work item...' input field in the Sprint 4.6 board.

# Accelerate flow of value

Visualize and limit work in progress (WIP) to match demand to capacity.

Work in smaller batches to reduce WIP and go through the system faster and with less variability.

Reduce queue lengths of committed work to minimize delays, improve predictability, and reduce waste.

The screenshot displays a Portfolio Kanban View with the following columns and items:

- Funnel**: Draft
- Review (0/5)**: Reviewing
- Analysis (3/3)**: Analyzing
- Backlog**: Ready (for Approval), Approved

Items in the Review column (WIP):

- 220: Targeted loan offers based on banking behavior (Paul, 0)
- 221: "Training Wheels" Account Option (Paul, 0)
- 603: Offer Life Insurance to our customers (Paul, 0)

Items in the Analysis column:

- 217: Small Business Contributions Program (AI, 2)

Items in the Ready (for Approval) column:

- 604: Offer online guidance for loan options (AI, 13)
- 219: Supervised Account Option (AI, 11)

Items in the Approved column:

- 218: Support non-English speaking customers (Pete, 6)
- 215: Comply with Accessibility requirements (Pete, 3)

Annotations:

- WIP Limits (green = ok, red = violation)**: Points to the Review column, which is highlighted in green.
- Respect workflow transitions**: Points to the transition from Reviewing to Analyzing, which is marked as an "Unsupported State Transition".
- SAFE Kanban 'queues'**: Points to the columns representing different stages of the workflow.
- Business (blue) and Enabler (yellow) Epics**: Points to the items in the Approved column, where business epics are blue and enabler epics are yellow.

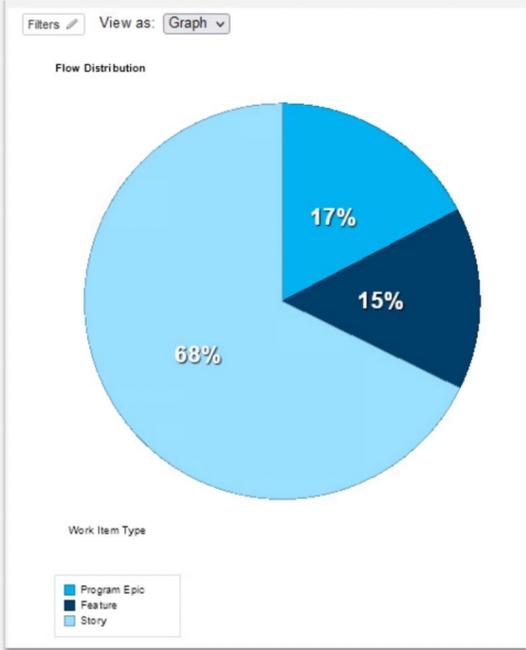
# Measure flow of business value

Use Flow metric reports to measure effectiveness of an organization at delivering value .

Measure how reliably teams and ARTs are achieving the objectives they set for themselves.

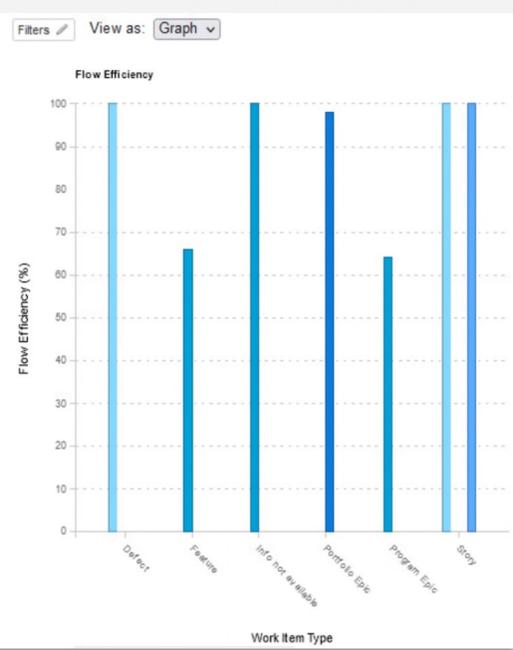
Identify opportunities for improvement at every level of the framework.

### Flow Distribution



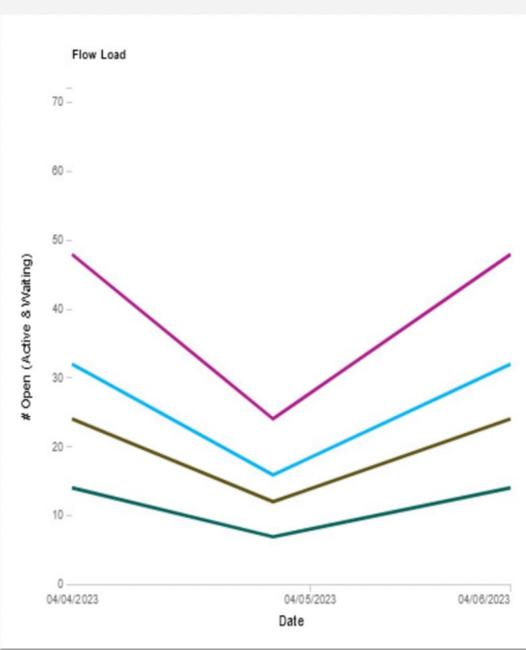
Flow Distribution is a measure of the proportion of work items by type in a system.

### Flow Efficiency



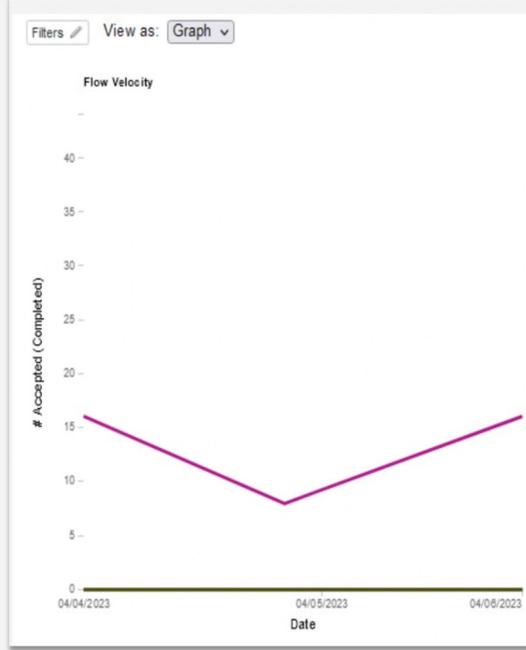
Flow Efficiency is the ratio of the total time spent in value-added work activities divided by the total flow time.

### Flow Load



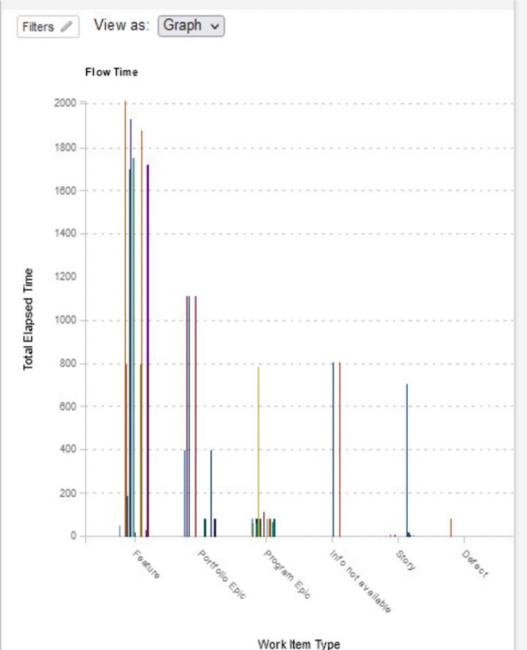
Flow Load is a measure of the number of work items currently in progress (active or waiting).

### Flow Velocity



Flow Velocity measures the number of completed work items over a time period.

### Flow Time



Flow Time is a measure of the time elapsed from start to completion for a given work item.

# Minimize handoffs and dependencies

Make handoffs and dependencies visible to ensure teams and ARTs are truly cross-functional and as self-sufficient as possible.

Manage dependencies to address bottlenecks, reduce wait time, and rework that interrupt flow of value.

The screenshot displays a Jira Program Board for 'PI 4'. At the top, a row of work items is shown with their IDs and titles, such as '229: Offer summer vacation loan when...' and '283: Provide online and mobile interfaci...'. Below this, two sprints are visible: 'Sprint 4.5 (3/7/2022 - 3/18/2022)' and 'Sprint 4.6 (3/21/2022 - 4/1/2022)'. The board is organized into lanes for 'Milestone', 'Mobile', and 'Web'. Work items are represented by colored circles (blue for Business, orange for Enabler, green for Milestone) and connected by lines. A legend on the right side of the board explains the symbols: 'SAFe Work Type: Business' (blue), 'SAFe Work Type: Enabler' (orange), 'Milestone' (green), and 'External dependency' (grey). It also defines risk levels: 'Feature is not at risk' (dashed green line), 'Feature is at risk' (solid red line), and 'Cannot determine risk' (dashed black line). A 'Child work items and dependencies' pop-up window is open, showing a list of child items for the parent work item '283: Provide online and mobile interfaces to initiate charitable giving'. The list includes items like '284: Provide iOS interface to initiate charitable giving' and '595: Provide system admin access on the web portal for support'. A blue callout box on the left points to red lines on the board, stating 'Red lines indicate risk due to dependencies'. Another blue callout box on the right points to the pop-up window, stating 'View and create dependencies'.

Red lines indicate risk due to dependencies

View and create dependencies

# ROAM Risks

Identify risks and impediments that could impact the ART and its teams ability to meet their objectives.

Review, ROAM risks periodically to manage the risks during PI execution.

- Resolved – The teams agree that the risk is no longer a concern
- Owned – Own the risk since it cannot be addressed during PI planning
- Accepted – Some items are simply facts or potential problems that must be understood and accepted
- Mitigated – Teams identify a plan to reduce the impact of the risk

The screenshot shows a 'Risk ROAMing Board' interface. At the top, there is a 'View As' dropdown set to 'Risk ROAMing Board', an 'Exclude' button with '(166 items excluded)', and a 'Type to Filter' search box. Below this is a toolbar with icons for 'Add Work Item' and other functions. The main area is divided into five columns representing risk statuses: 'New', 'Owned', 'Mitigated', 'Accepted', and 'Resolved'. Each column contains several risk items, each with a number, a description, and an assignee. The items are color-coded: yellow for 'New', light blue for 'Owned', blue for 'Mitigated', light yellow for 'Accepted', and red for 'Resolved'. Two blue callout boxes on the right point to the 'Resolved' column, with the text 'ROAM your risks' and 'Highlights high impact risks'.

Status	Risk ID	Description	Assignee
New	572	Module delivered by vendor is low quality	Unassigned
New	573	System unavailability of external resources during	Unassigned
New	575	Failure to upgrade load simulation mechanism may	Unassigned
Owned	576	Inability to secure sufficient test resources for the team	Pete
Owned	581	Client mandated architecture may fail to pass internal	Irene
Mitigated	574	Delay in decision of Notification module	Unassigned
Mitigated	582	Potential issue with capacity for delivery	Deb
Accepted	578	Acquisition of new skills may lead to delays	Irene
Resolved	579	Possibility of scope creep due to missing activities from	Bob
Resolved	577	Integration with legacy components that are no	Deb

ROAM your risks

Highlights high impact risks

# Validate solution delivery

Use SAFe templates to create test artifacts, associated with Solution Trains, ARTs and teams, linked to solution artifacts, requirements, design, and implementation work items to track release readiness and monitor quality of delivery.

**Manage Artifact Templates**

Group By: **Ungrouped**

Number of Items Per Page: **10**

Type	Name
Basic test case template	
Default test case template	
Agile test case template	
Software test plan template	
Default test suite template	
Expanded test case template	
SAFe Team Test Plan Template	
SAFe Program Test Plan Template	
SAFe Test Case Template	
SAFe Test Suite Template	

**Test Plans / 8: Seasonal Loan Offer Test Plan**

State: **Draft** Action: **Change State**

Originator: **Rebecca** Owner: **Tammy**

Priority: **Medium**

Description: **Validate the Seasonal Loan Offer solution.**

**Summary**

Overview of the test plan.

Categories

Program: **JKE Account Management, JKE Sharec**

SAFe Level: **SAFe Solution**

Test Level: **User Acceptance**

**Test Plans Execution Status (1)**

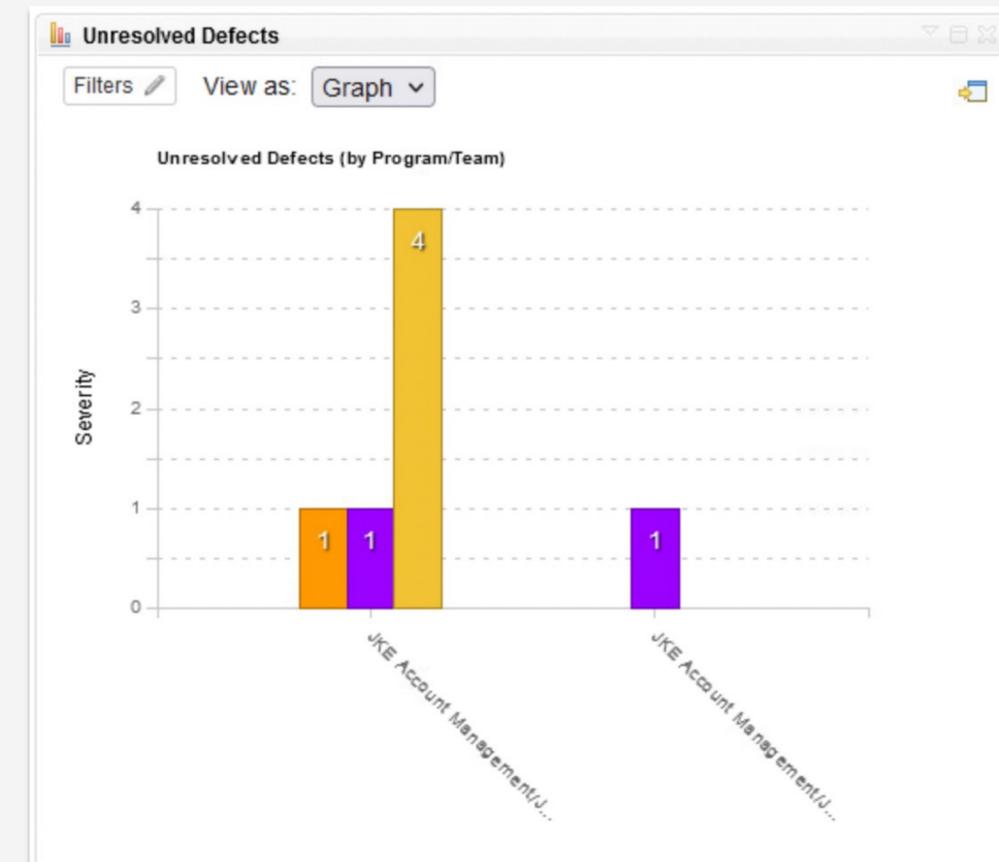
JKE Acct Mgmt - Mo... Total: 0/0 h Estimated: 0% Progress: 4000 Total: 28500

Total: 0/0 h Estimated: 0% Progress: 0 Total: 0

**Test Cases Traceability Links (13)**

View checking accou...	444: As a mobil...	33: V...
View checking accou...	444: As a mobil...	53: V...
View savings account...	145: As a mobil...	38: V...
View checking accou...	145: As a mobil...	43: V...
Automatic log out afte...	145: As a mobil...	61: A...
With GPS locator on, ...	148, 147	55: ...
With GPS locator off, ...	147, 148	56: ...
View checking accou...	444: As a mobil...	35: V...
View checking accou...	444: As a mobil...	37: V...
View checking accou...	444: As a mobil...	30: V...

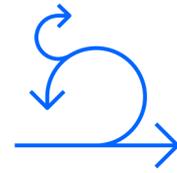
Page 1 of 2



# Orchestrate delivery across teams



# Setting new goals for organizations



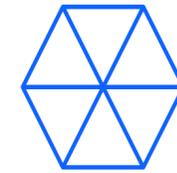
## Faster Time-to-Market

By aligning cross-functional teams of teams around value and helping them make quicker decisions, communicate more effectively, streamline operations, and stay focused on the customer.



## Increase in Productivity

By empowering teams of teams to eliminate unnecessary work, identify and remove delays, continuously improve, and ensure they are building the right things.



## Transform Quality

By integrating quality into every step of the development cycle. In this way, scaling agile with SAFe benefits organizations by shifting quality from a last-minute focus to the responsibility of everyone.

# Demonstration

How does IBM support Enterprise Agile Planning using SAFe®?



Essential SAFe®

Backlog Management

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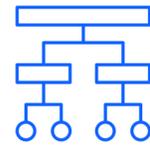
Iteration Planning

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Task Management

---

Track Work Progress



Agile @ Scale

Strategic Themes (OKRs)

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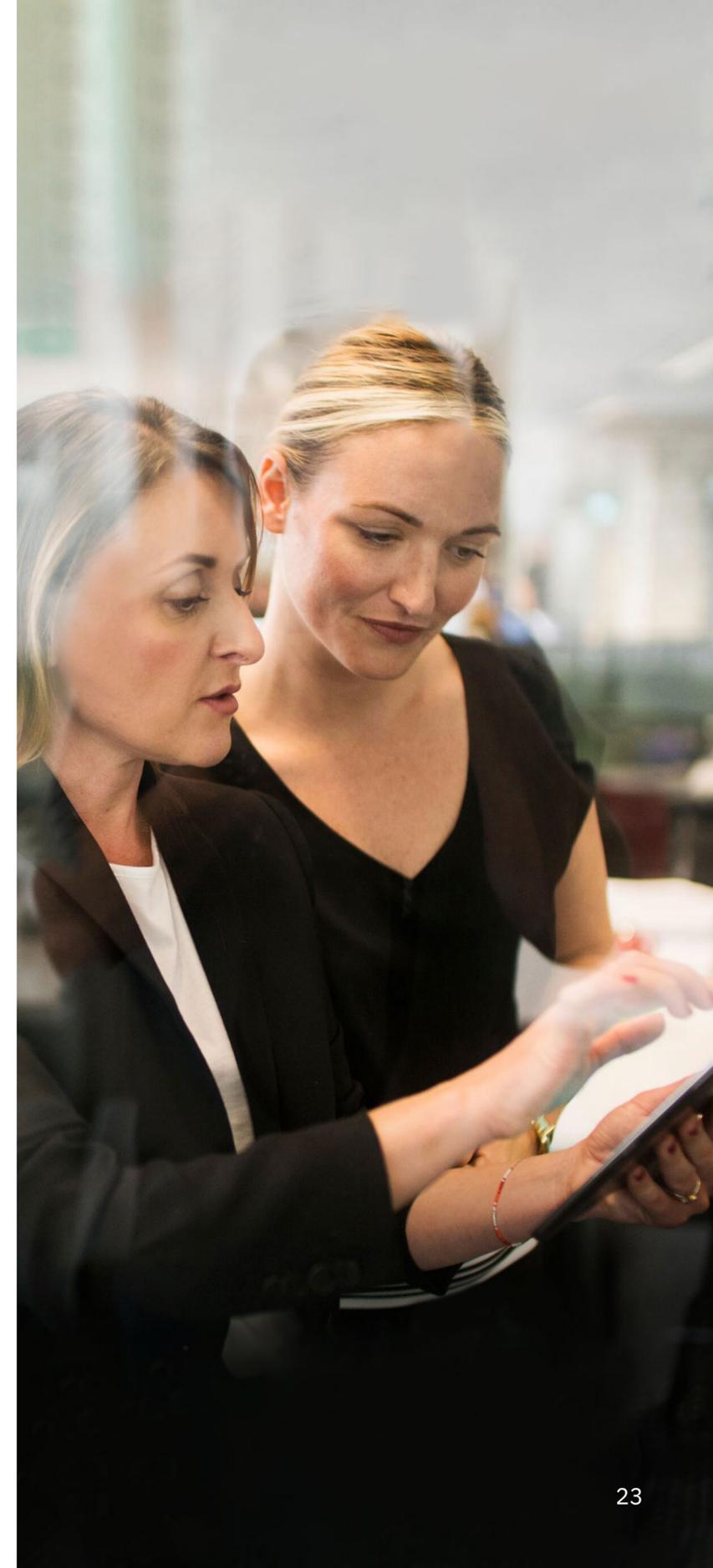
Portfolio Vision & Solutioning

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Roadmaps

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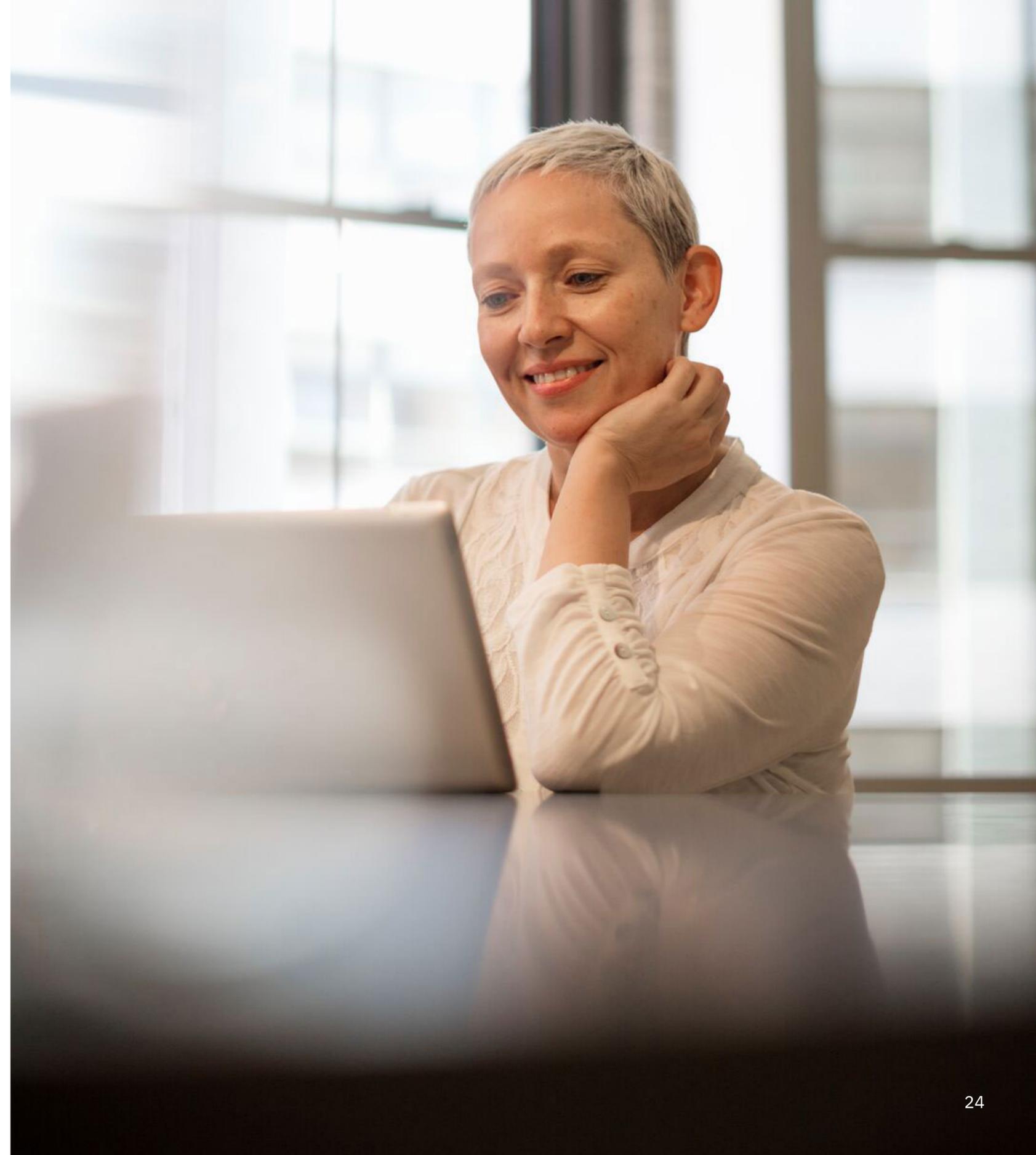
Track Delivery Progress



# Learn more and provide feedback!

For additional information:

[www.jazz.net/safe](http://www.jazz.net/safe)



# Updated Documentation

There is updated guidance to make your SAFe 6.0 adoption in ELM easier and more successful.

## [How-to-use-the-SAFE-6.0-templates-in-ELM](#)

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Step-by-step guidance to configure tooling environment for SAFe Portfolio, Large Solution, Portfolio or Essential SAFe 6.0 configuration in ELM 7.0.2 using SAFe 6.0 templates.

## [Configuring SAFe 6.0 in existing ELM projects](#)

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Step-by-step guidance to configure a SAFe V6.0 tooling environment by customizing an existing ELM project area.

## [Enterprise Scaled Agile Reporting Guidelines](#)

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List of reports available for your scaled agile tooling environment, how to import them into your environment, and the best practices for deploying the reports as widgets on your ELM dashboard(s).

## [Enterprise Scaled Agile Domain Models](#)

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Set of domain models for our support of SAFe 6.0 to better understand how the reports access the data and links across a system and define your own domain models that dictate how the reports may need to be altered for your specific environment.

# Thank you

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