



regoUniversity

KANSAS CITY • 2024

Sponsored by
ValueOps
by Broadcom

Clarity
by Broadcom

Rally
by Broadcom

ConnectALL
by Broadcom

Insights
by Broadcom

Building a Value Stream Management System with ConnectALL: Establishing your VSM Practice

Your Guide:
Scot Garrison, Transformation Officer | ValueOps® by Broadcom



Catalyst for Today's Conversation

- What is value stream management
- What is a value stream assessment
- What is pattern thinking
- Is this another transformation initiative
- Do we need a budget and resources
- Where do I begin

Agenda

Why Create a VSM Practice

Understanding Value Streams

How to Start a VSM Practice

Decomposing Patterns



Why Create a VSM Practice

- Challenges
- Value

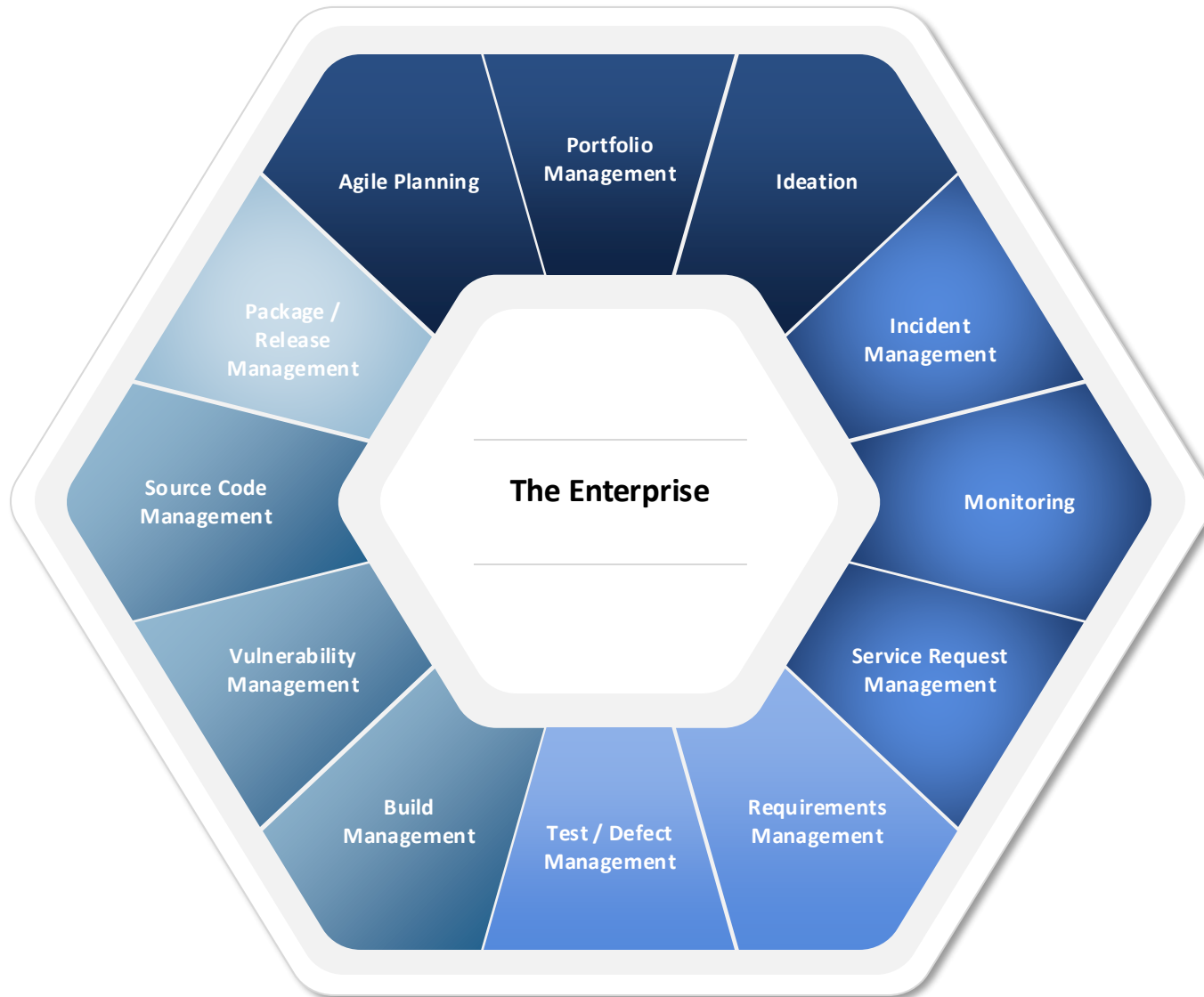


Product Delivery is
Chaotic and
Unpredictable

01

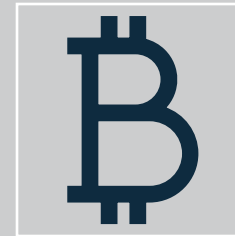
salesforce

Where to Start?



How many of you:

- Think in the context of value streams?
- Can articulate what a value stream is?



Are you comfortable having in-depth conversations across the entire Product Delivery Value Stream?

The Challenge



Understanding the Concept of VSM

- Complexity of the Concept
- Differentiating from Similar Concepts



Cultural Resistance and Change Management

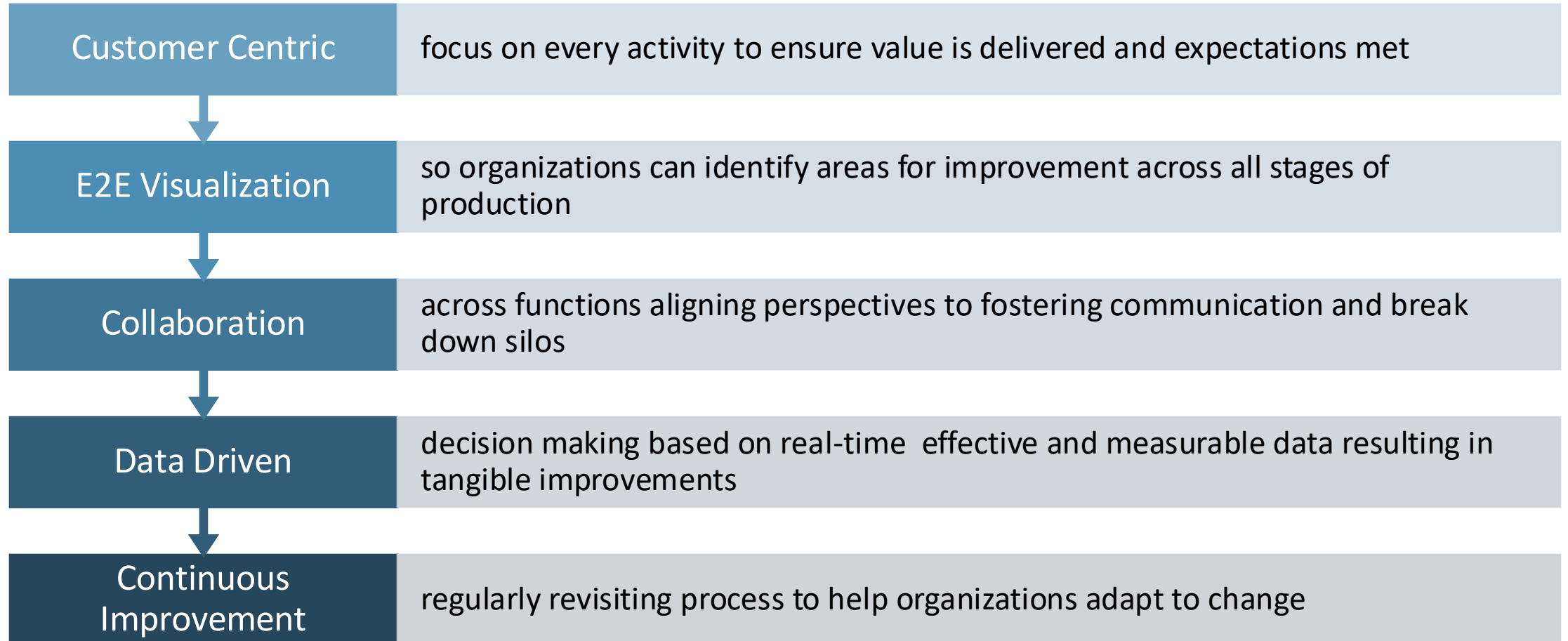
- Resistance to Change
- Siloed Mindsets



Identifying the Scope and Boundaries

- Scope Definition
- Prioritization

Core VSM Tenants



Practice Value



Cost savings as **non-value added** activities are eliminated



Reduced **tool chain complexity** as redundant tools and processes are removed from the value stream



Enhanced **feedback loops** allowing for quick identification of problem areas resulting in timely remediation



Fewer handoffs and delays increases **team productivity** and accelerates time to market



Blueprint for Success to plan and build future state strategy



Understanding Value Streams

- Characteristics
- Visualization

Value Stream Definition



*All the steps – both **value-added** and **non-value-added** – required to take a product or service from its raw materials state into the waiting arms of a happy customer.*

- Gemba Academy

Value streams can be found in every industry, including manufacturing, healthcare, software development, service-oriented businesses, and so on!

Product Delivery Value Stream



The flow happens across silos and is difficult to see and visualize!

Value Stream Characteristics



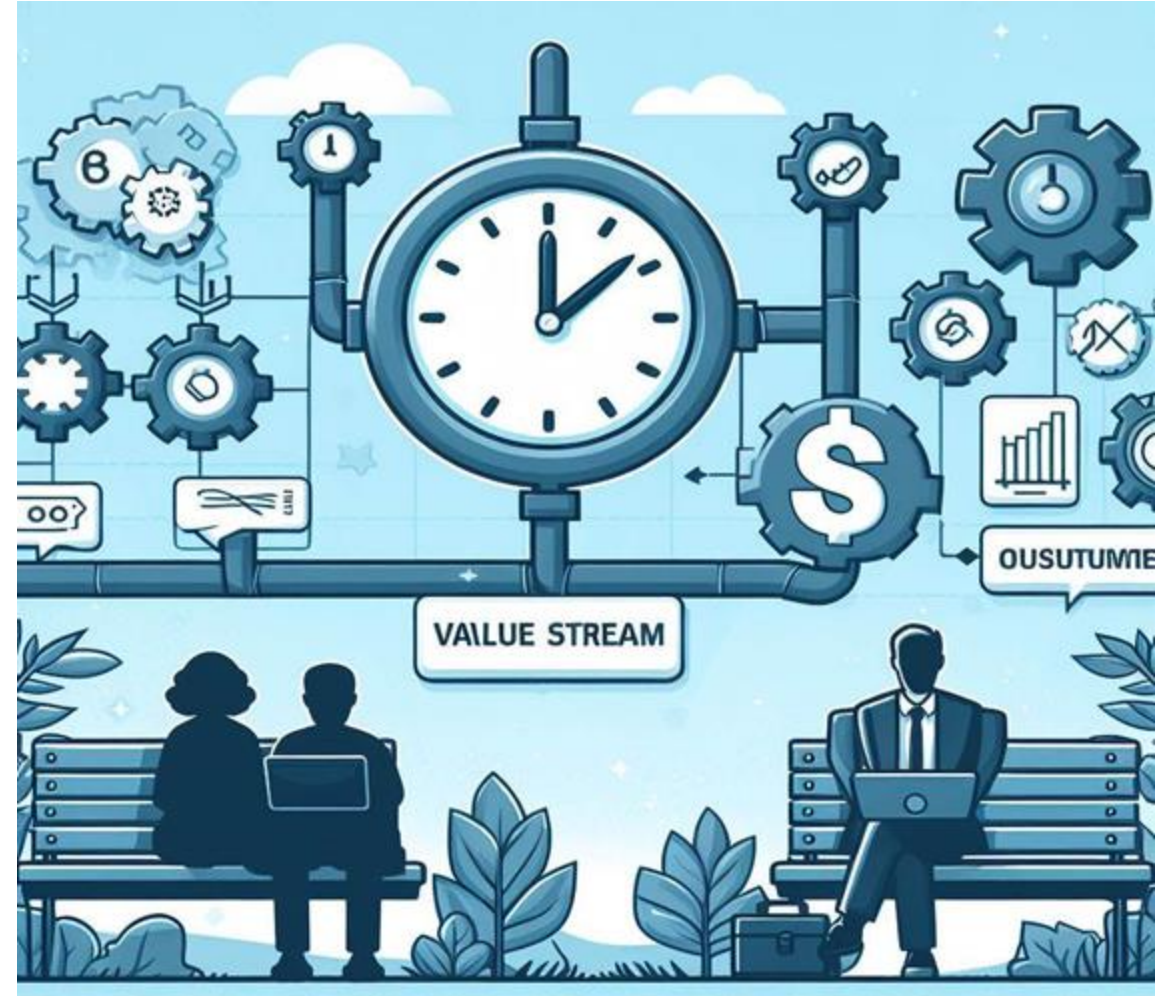
Customer Focus: The value stream is centered around meeting customer needs and delivering value to the customer. It should align with customer expectations and requirements.



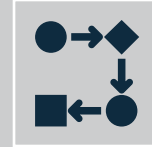
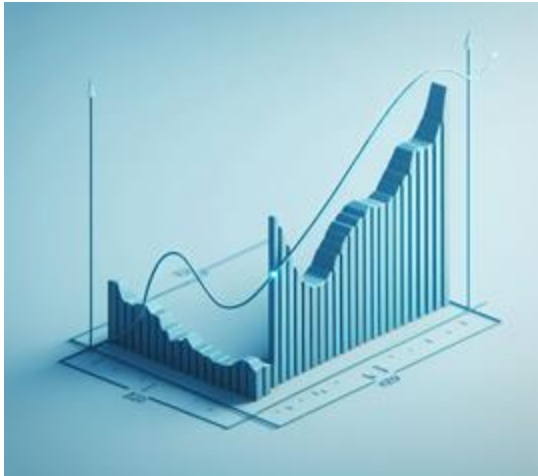
Cross-Functional: Value streams often involve multiple departments and functions within an organization, with each contributing to different stages of the process. These functions collaborate to ensure the smooth flow of work and information.



Flow-Oriented: A well-designed value stream aims to minimize interruptions, delays, and waste. It focuses on creating a seamless flow of work from one step to the next.



Value Stream Characteristics



Visibility: Value streams are typically visualized using tools like value stream maps, which provide a clear and concise representation of the process. This visualization helps identify inefficiencies and opportunities for improvement.



Continuous Improvement: Value streams are subject to continuous evaluation and optimization. Organizations seek to eliminate waste, reduce lead times, improve quality, and enhance overall efficiency within their value streams.



Measurable: To assess performance and progress, key performance indicators (KPIs) and metrics are often associated with value streams. These metrics may include cycle time, lead time, defect rates, and customer satisfaction scores.

A picture is worth a 1000 words



Establish a **common language** and understanding of workflow among all team members



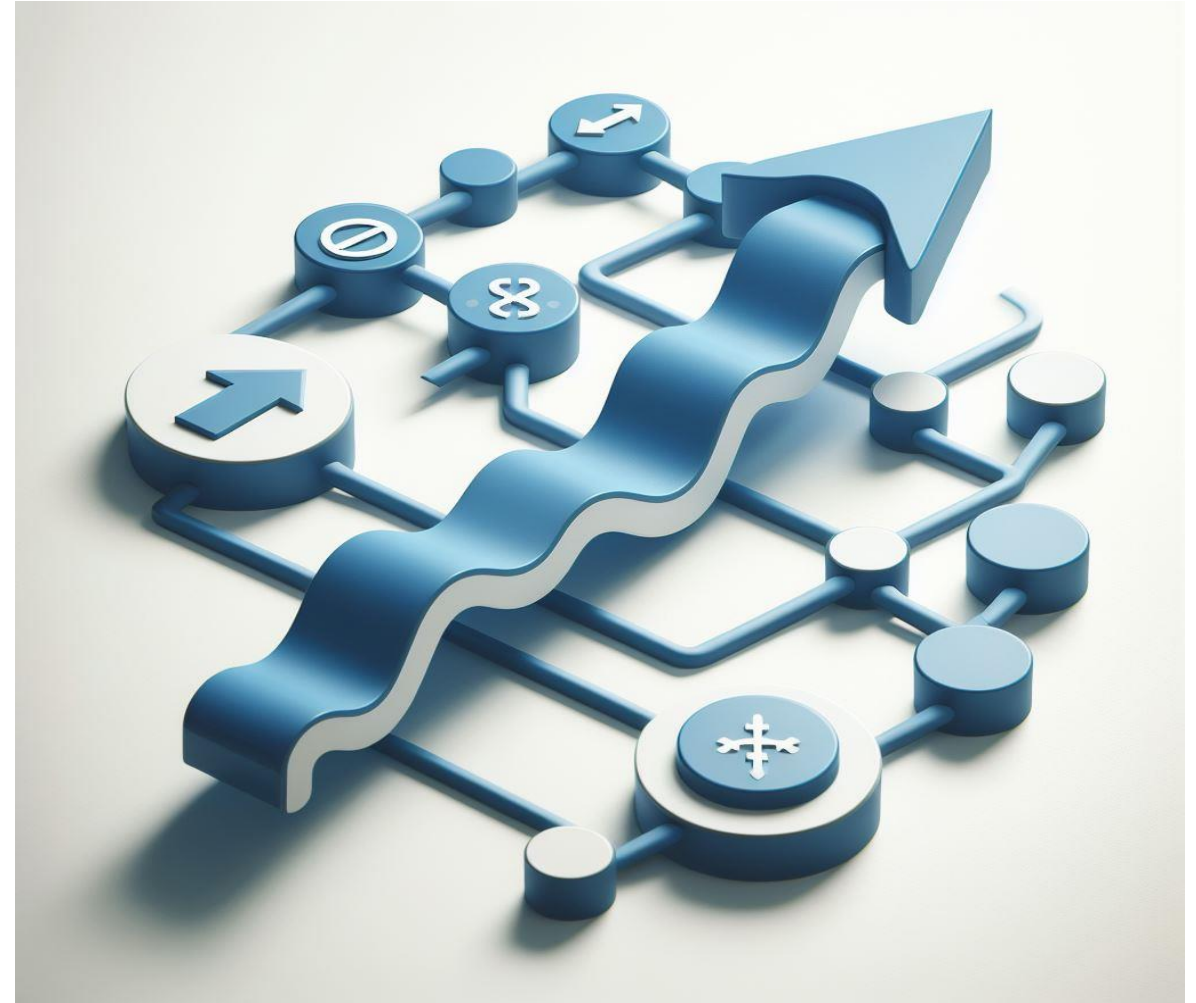
Level set everyone's role in the value stream and how they **impact work** both up and down stream



Ensure every step is geared towards **delivering maximum value** to the customer

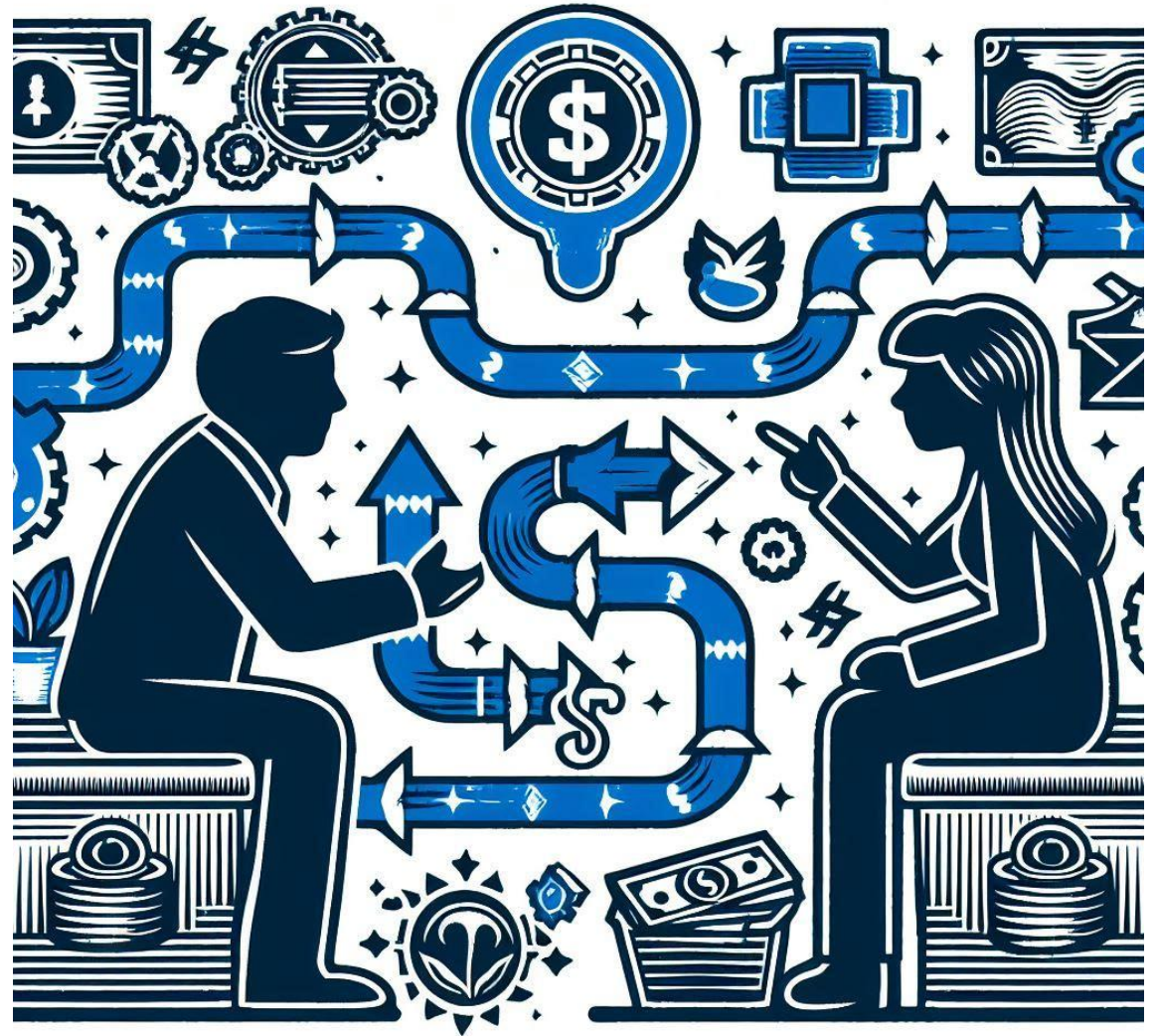


Highlight areas ripe for **innovation**, through new technologies, improved processes, or automation.



Have Meaningful Dialogue

Timely Delivery with
Quality & Predictability



How to Start a VSM Practice

The background of the slide is a light gray surface covered with numerous three-dimensional geometric shapes made of paper. These shapes include cubes, pyramids, and other polyhedrons in various shades of teal and green. They are scattered across the right side and bottom of the slide, creating a textured, abstract background.

- VSA Program
- Pattern Thinking

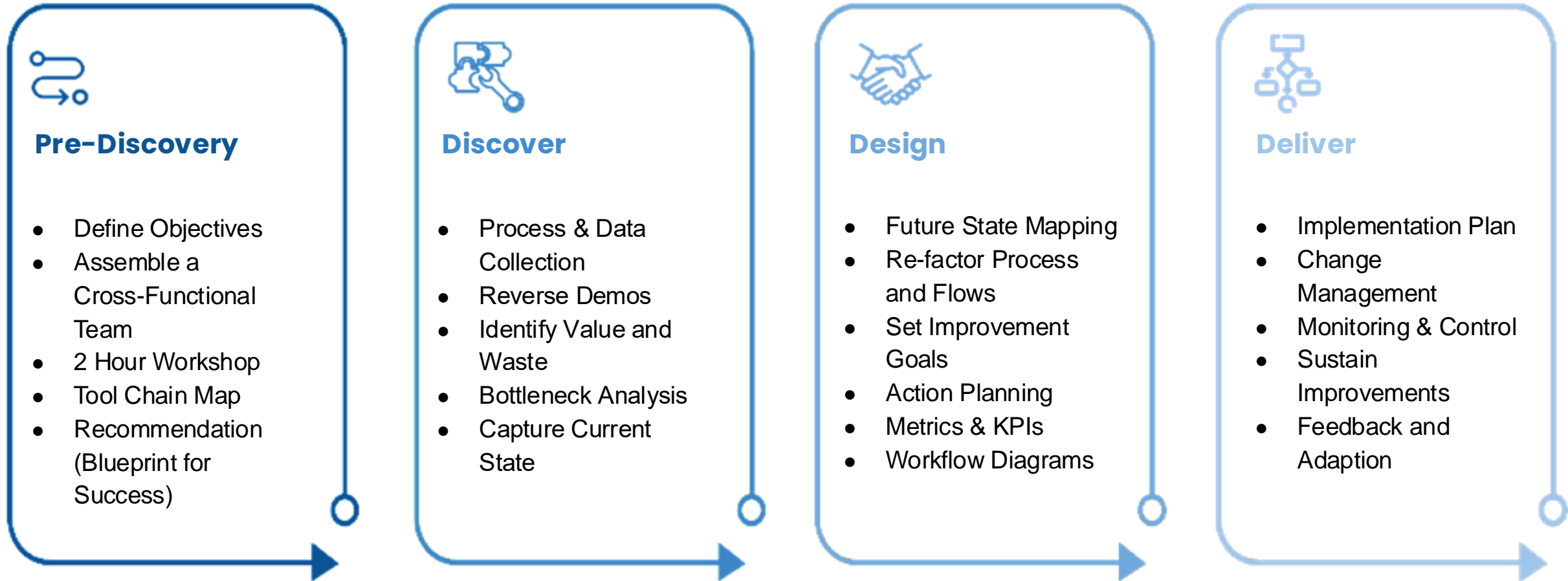


Value Stream Assessment

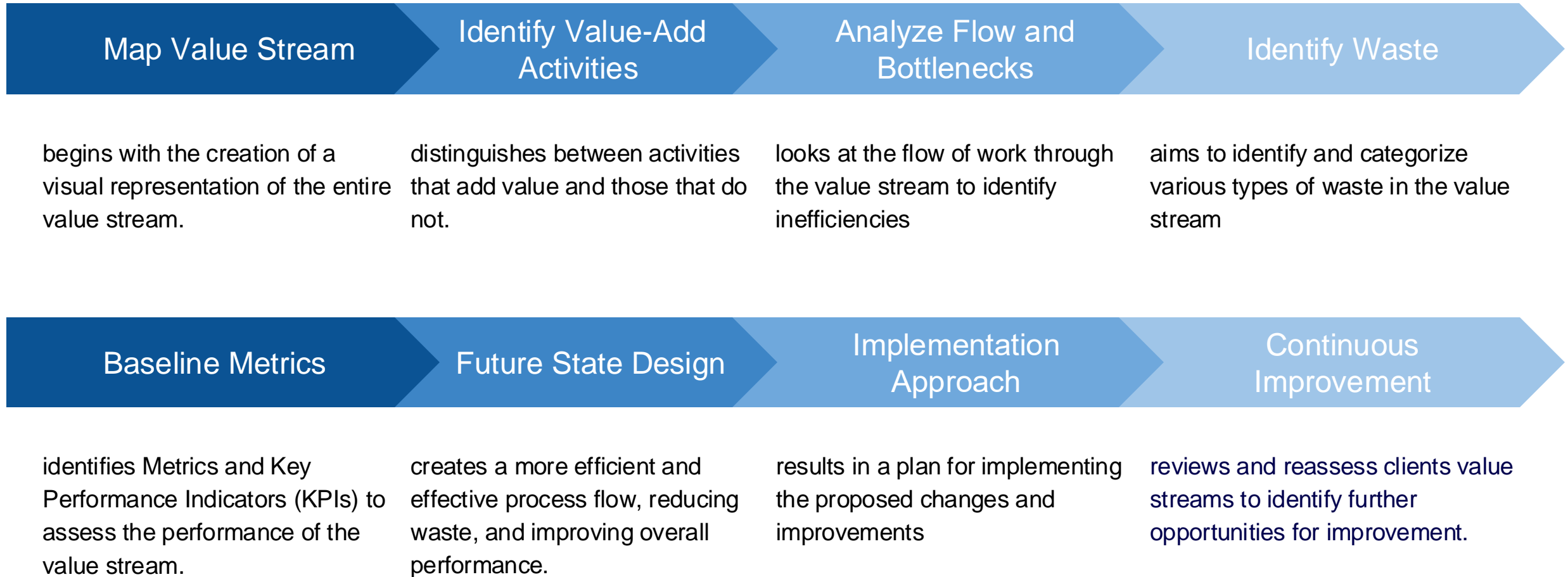
A Value Stream Assessment (VSA) is a **systematic analysis and evaluation** of the **processes and activities** within an organization's value stream or value chain. The primary goal of a Value Stream Assessment is to **identify opportunities for improvement** in order to **optimize the flow** of value to customers, **reduce waste**, and **enhance overall efficiency** and effectiveness.



Assessment Phases



Assessment Objectives



Decomposing Patterns

Frameworks/Methodologies - structured approaches used to analyze, optimize, and improve the flow of value within an organization's processes. Each methodology brings its own set of tools, principles, and philosophies that can be tailored to enhance VSM efforts.



Value Stream Functions - specific work activities, tasks, actions, and steps involved in the execution of processes within an organization. These activities have a direct impact on the way a value stream functions, is planned, and executed.

Decomposing Patterns

Teams - Composition of members from one or multiple Functional Areas providing a facility for cross-functional collaboration. Teams work together to understand how their work contributes to the overall value stream while ensuring adherence to the entire delivery process.



Code Management



Incident Management



Build Management



Services Delivery



Requirements Mgmt.

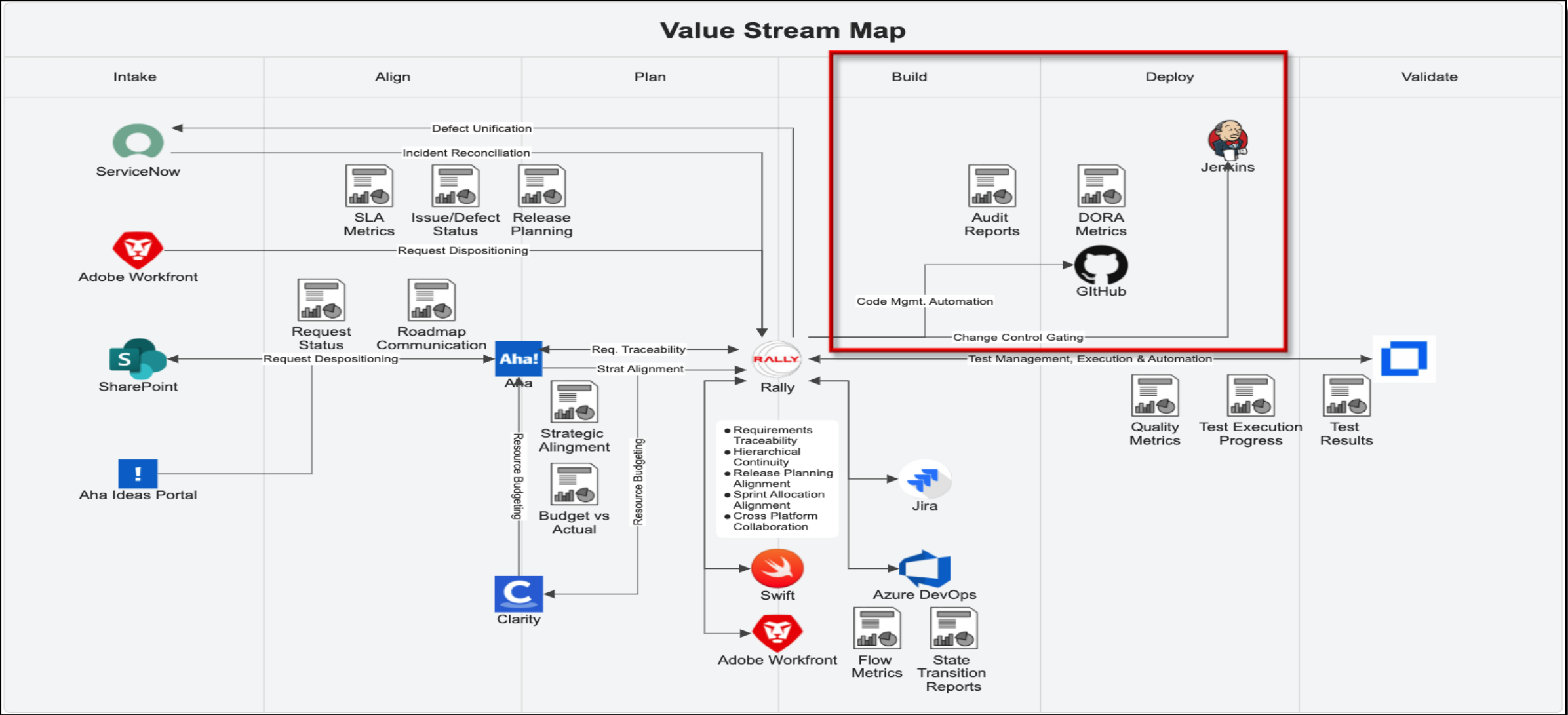
Functional Areas - distinct segments within an organization that focus on specific tasks, processes, or functions, such as marketing, sales, finance, operations, etc. Functional areas impact value streams by influencing how processes are structured, resources are allocated, and collaboration is facilitated.


Decomposing Patterns

Automation Patterns - exist between the intersections of **Functional Areas** and **Teams** working within specific **Frameworks & Methodologies**. It is at these intersections that you will find the software solutions and processes used to govern and facilitate work across the **Value Stream Functions**



Tool Chain Map





Example Patterns - Code Management

Problem Statement: In modern software development, the **disjointed utilization** of DevOps tools within the Build, Deploy, and Run process introduces significant **challenges** that **hinder** the **seamless delivery** and **operation** of software products. The lack of integration among these tools results in **inefficiencies, bottlenecks, and increased manual interventions**, ultimately **impeding** the speed, reliability, and scalability of the development and operations workflow.

Personas: Developer, QA Tester, Build Manager, DevOps Engineer, Build Manager

Patterns: Branching Standardization, Commit Visibility, PR Traceability

Solutions: Jira, ADO, GitHub, Jenkins, Octopus, Fortify, Add More

Automation Types: Synchronization, Trigger, & Monitor

Value Stream Workflow

Sponsored by:

ValueOps™
by Broadcom

VSM 101

ADVANTAGES OF VSM

[VSM RESOURCE CENTER](#)

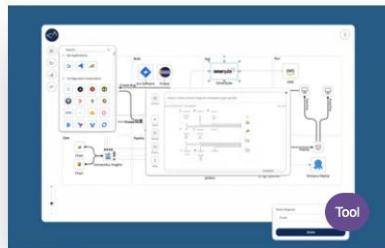
[ASK AN EXPERT](#)

VSM Resource Center

Explore our VSM Resource Center for comprehensive guides, success stories, and tools to master Value Stream Management. Learn from industry leaders to streamline your workflows and improve business growth.

[View all](#) [Blogs](#) [eBooks](#) [Reports](#) [Success Stories](#) [Tools](#) [Videos](#)

Search >



Automated Value Stream Designer

Quickly visualize your Value Streams with this complimentary and intuitive design tool.

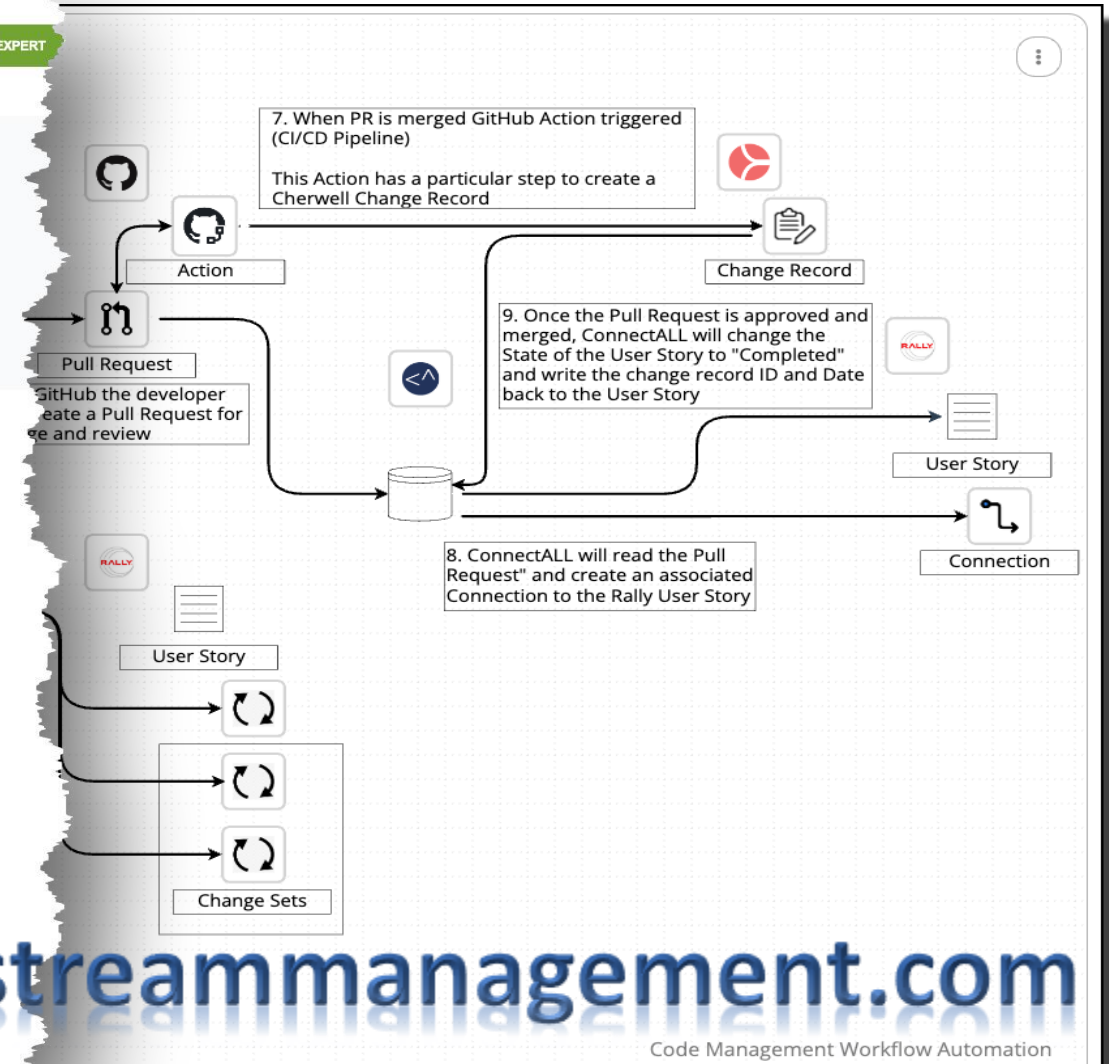
[Access Now](#)



How Advanced is Your Value Stream Management?

Is your business squeezing every opportunity out of Value Stream Management, or is there room for improvement? Take our quick quiz to find out.

[Access Now](#)



Copyright © 2024 Broadcom. All Rights Reserved. Broadcom, the Broadcom logo, and/or its subsidiaries.

Elevate the Conversation



Enhance
Visibility &
Transformation



Improve
Alignment and
Collaboration



Data-Driven
Decision Making



Customer Centric
Focus



Proactive Risk
Management
and Compliance



Continuous
Improvement



Questions?





Master Clarity with Rego University

Earn Certifications in
Administration, Leadership,
and Technical Proficiency

Let Rego be your guide.



Elevate Your Professional Expertise with Rego University Certifications

Rego is excited to introduce our **new certification programs**, designed to enhance your expertise in Clarity administration, leadership, and technical skills. These certifications provide hands-on experience and knowledge to excel in your career.



Certification Requirements:

✓ **Completion:** 12 units per certification track

✓ **Eligibility:** Open to all Rego University attendees



Important Reminder:

To have your certification **credits tracked**, ensure you **complete the class surveys in the app** after each session. This step is critical for certification progress.

Surveys

Please take a few moments to fill out the class survey.
Your feedback is extremely important for future events.



Thank You!