

# Platform Operating Model

Red Hat's prescriptive path to adaptive capacity

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# Agenda

The “WHY”

Theory

Approach

Practice

Measuring Impact

# Platform Operating Model

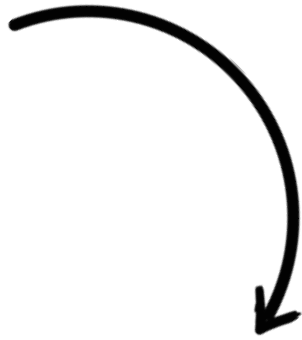
## The Why

The Platform Operating Model enables the attainment of Business Objectives

# Becoming a Higher Performing Organization

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*Red Hat helps our customers achieve this...*



## **Increase ability to seize opportunities**

Improve the rate and quality of our response to unplanned and unexpected market conditions, enabling the business to seize opportunities to increase market share and enter new markets.

## **Decrease time-to-market**

Constantly reduce the time it takes to go from conception or request for our services to the delivery of state-of-the-art work.

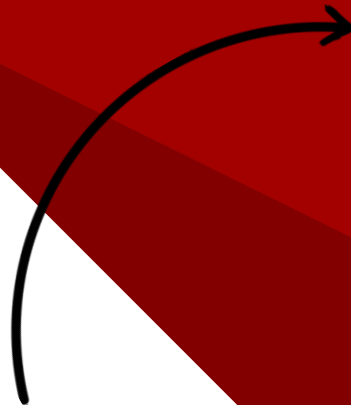
## **Decrease process friction & toil**

Make the process of accomplishing any work as lean and elegant as possible.

## **Increase workflow visibility**

Make it easier for people to access information and do world class work by making workflows visible and communicating and working out in the open.

# A harmony of flow and adaptability at scale



*...by working collaboratively to deliver these*

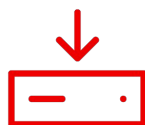
## requires a purposeful Operating Model

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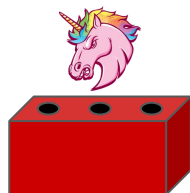
“An operating model is the blueprint for how value will be created and delivered to target customers...”

An information and technology (I&T) operating model represents how an organization orchestrates its I&T capabilities to achieve its strategic objectives.”\*

## As a developer I want



Self service consumption



Git clone & Make it my own



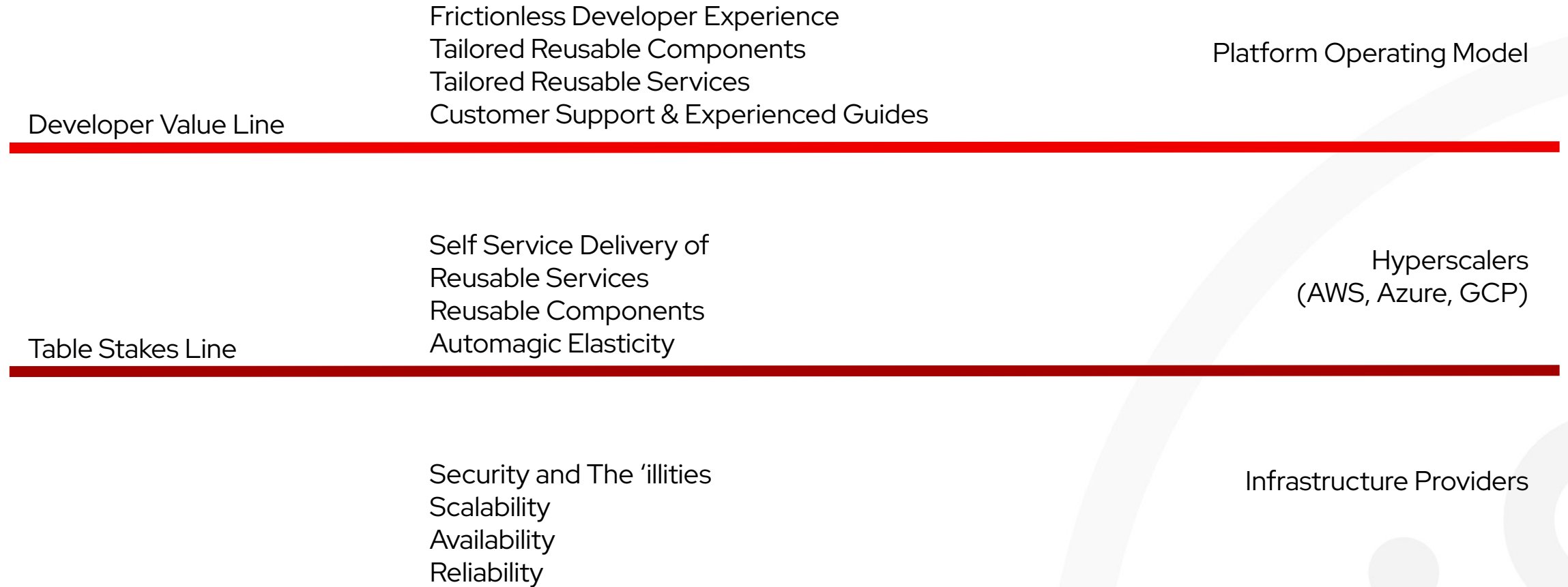
Automated Testing & Verification



Automated Deployment

## So that I can focus on delighting my end users

# Operating above the Developer Value Line



# Platform Operating Model

## The Theory

“Make the right things easy to do and the wrong things hard to do”

-Touchstone, Platform Operating Model



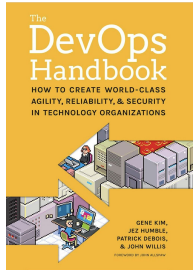
## Platform Operating Model

is designed to enable organizations to operate about the developer value line

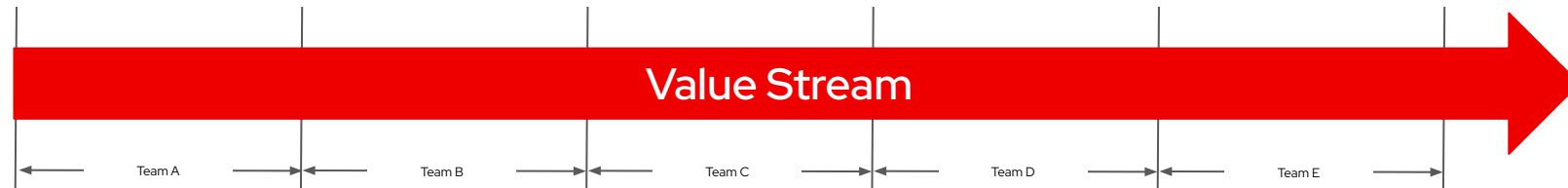
- ▶ Leverage **Product Teams** to deliver software based digital products to delight customers
- ▶ Leverage **Conway's law** as an enabling constraint to develop better systems
- ▶ Leverage **Scope Economy** to escape the dichotomy of differentiation and scale
- ▶ Leverage **Five Elements** and **ReCommoning** to develop and maintain reusable components to make it easy for development teams to reduce time to market, focus on innovation and increase compliance
- ▶ Leverage **Platform as a Product** teams to continuously deliver quality platforms that reduce cognitive load for development teams and accelerate the organization's DevOps journey

# Product Teams continuously deliver value through streams

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...we typically define our technology value stream as *the process required to convert a business hypothesis into a technology-enabled service that delivers value to the customer.*



## Why take a value stream approach?

Taking a team based approach often results in unsustainable local optimization. Taking a value stream approach can optimize the full Path to Production.

- Optimize for flow
- Improve developer experience
- Reduce cognitive load

## Working with value streams

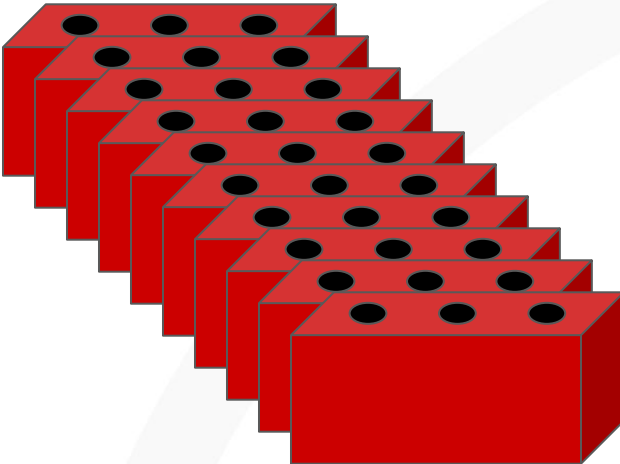
- Cross-functional teams, focused on measurable and unambiguous results, leveraging agile methodologies, operating in alignment with a product model
- Organized to facilitate the delivery of the system required by target outcomes
- Understand team responsibilities and the responsibilities of teams to their left and right
- Clearly defined, lean, interfaces / communication structures between teams

“Organizations that design systems \_\_\_\_\_ are constrained to produce designs which are copies of the communication structures of these organizations”

# Escaping the dichotomy of Differentiation & Scale



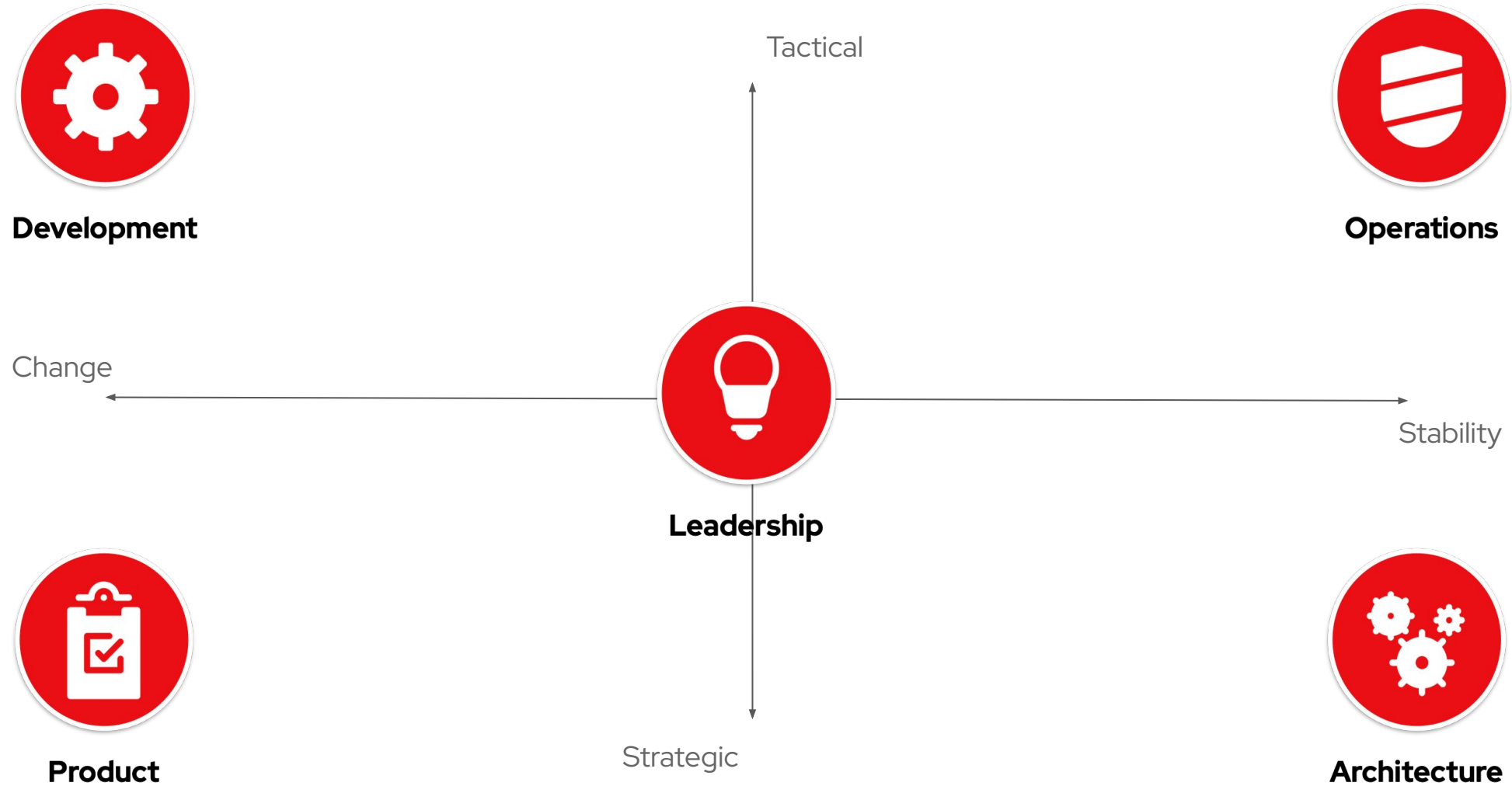
Differentiation



Scale

# Five Elements (Capabilities) of IT Organizations

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## ReCommoning

### What is reCommoning?

**Commons** - Resources that are shared by, cared for and accessible to all members of a community.

**ReUsable Component** - A reUsable component is a solution or part of a solution that can be used more than once. The value of a reUsable component increases with each additional use.

**ReCommoning** - The act of transitioning ownership of something with roots in the commons, often that has been enhanced, back to the community.

ReCommoning is a negotiation between the owner of something and the commoners to which the thing is being presented for care. The commoners must be sure the value of the thing being recommoned is worth the time and effort required to keep it in the commons.

A simple **example of ReCommoning** is a user cloning a git repository that contains an automation module, enhancing the code in some way, and contributing the enhancement back into the git repository.

# Importance of Platforms and Platform Teams

## State of DevOps Report

### On the impact of Platforms and Platform Teams

Teams that have taken the steps to introduce a platform model appear to **accelerate** their **DevOps** journeys

Formation of a **platform as a product team** ... is an action leadership can take to expand **DevOps success**

Using **product management practices** for a platform is more likely to **drive success and adoption** of the platform

The results are in!

94%  
↑  
DevOps

60%  
↑  
Reliability

59%  
↑  
Productivity

# Platform Operating Model

## The Approach

“Make the right things easy to do and the wrong things hard to do”

-Touchstone, Platform Operating Model



# The Platform Operating Model is about balance

## Platforming Empowers Differentiation at Scale

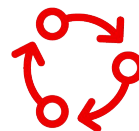
### Simplicity

Easy to Onboard  
Easy to Start  
Easy to Contribute



### ReUse

ReCommon -> Leverage those that need something to build it and make it available to the community



### Community

Communities evolve  
Focus on the future,  
Implement the present,  
Informed by the past



### Differentiation

Enables Velocity, Variability and Variety



### Scale

Controls Velocity, Variability and Variety

Platform

# Focus on outputs that drive outcomes and impacts

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## From Unicorns to Bricks, better known as ReUsable Components

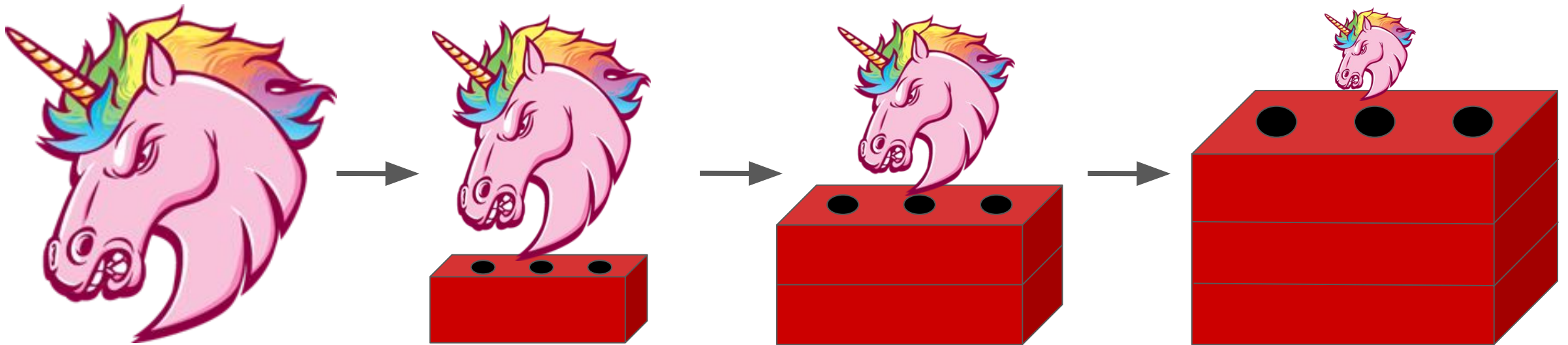
Define & Develop Initial ReUsable Components

Automate self service consumption of ReUsable Components

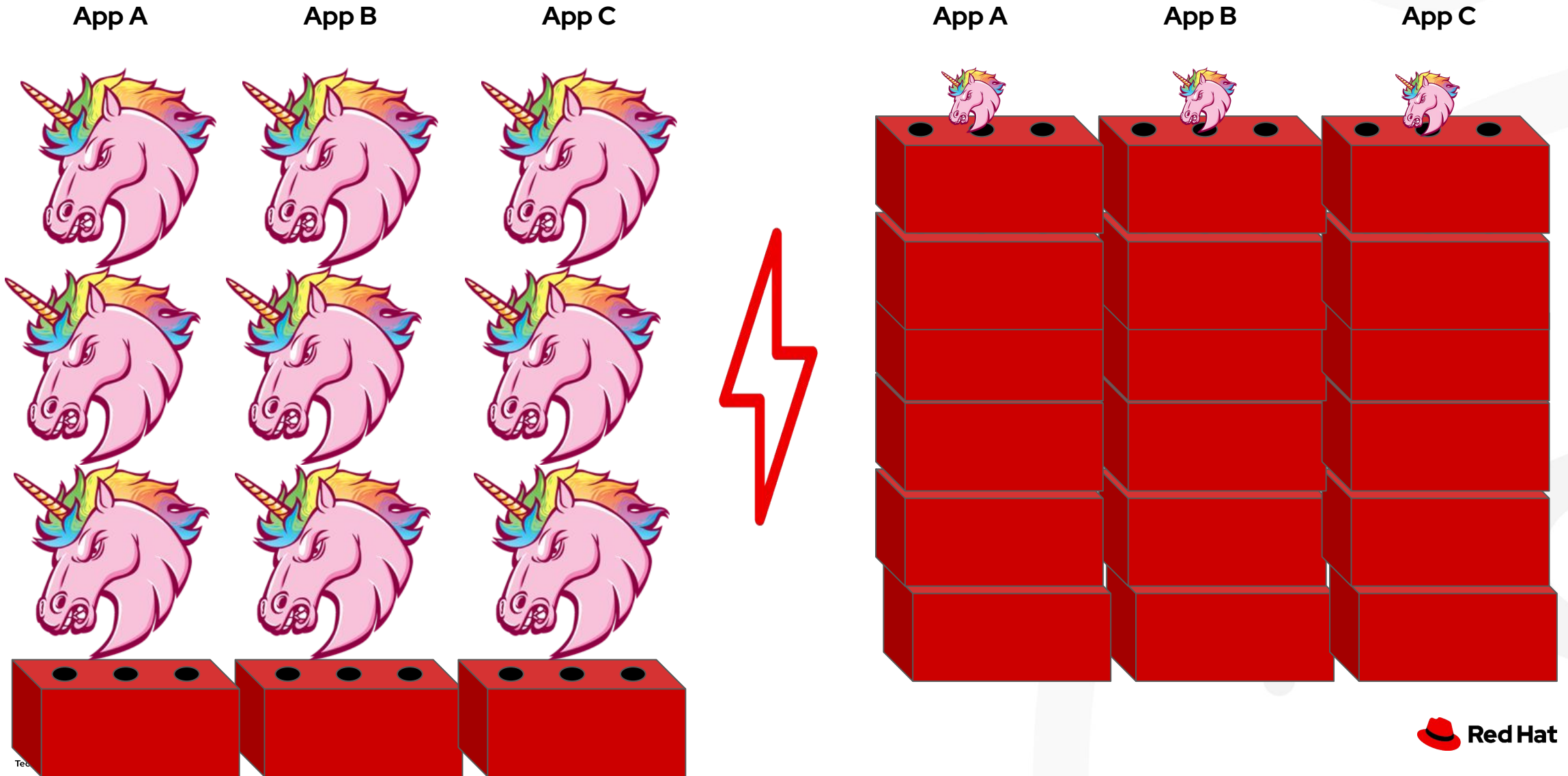
Incentivize & enable customer transition to ReUsable Components

Stop producing Unicorns

Continue to iteratively grow the consumption of ReUsable Components and shrink the Unicorns to meaningful differentiation



# From ALL UNICORNS to small unicorns



## High Performing Organizations

Built on the Shoulders of High Performing Teams



# Holistic Approach: Intent



## Product Teams

Continually deliver the right value

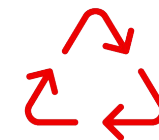
With a focus on the customer



## Team Adoption

Prioritize the humans

Enable team transitions and their workloads follow



## Tailored Reusable Components

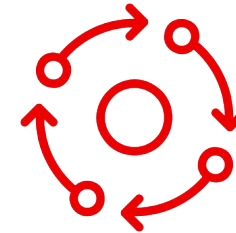
Focus on differentiation and ReCommoning, not duplicative efforts



## Community Collaboration

Instill a collaborative 'work-together' culture focused on holistic improvement

# Approach each opportunity to improve flow purposefully



Awareness

Options

Solve

Operate

Advocate

Identify, clarify,  
prioritize problems

Awareness enables  
creation of feedback  
loops

Enumerate options  
for solving highest  
priority problems

Understanding  
options in context  
allows us to choose  
where to experiment

Solve problems via  
pairing, mobbing, and  
coaching

Feedback loop: new  
practices solve  
specific problems

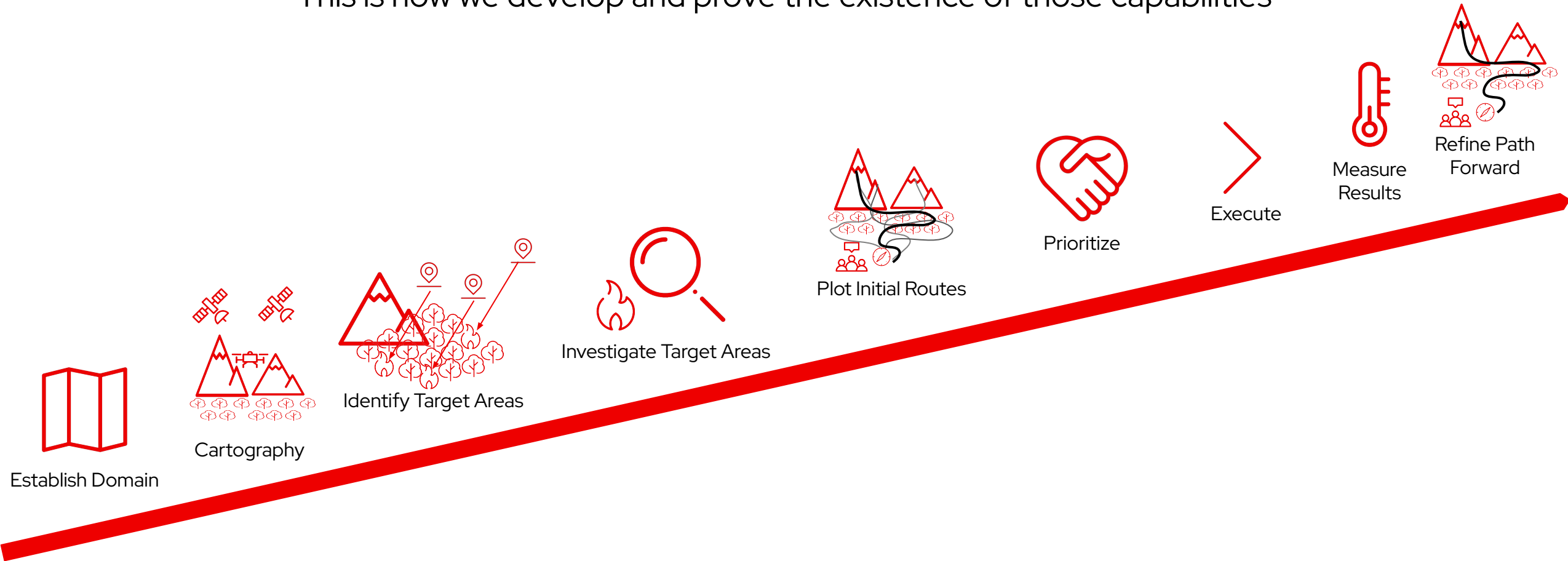
Minimize operational  
burden of solutions  
and create resilience

Create champions,  
coaches, leaders and  
communities to  
enable the new  
operating model at  
scale

# Continually focused on the path forward

Climbing mountains requires capabilities to observe, plan, execute and triangulate location.

This is how we develop and prove the existence of those capabilities



# Platform Operating Model The Practice

“We are what we  
repeatedly do”

- Will Durant’s interpretation  
of Aristotle



Successful organizations invest a majority of time and effort into

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~~Technology~~

People & Process

~~Technology~~

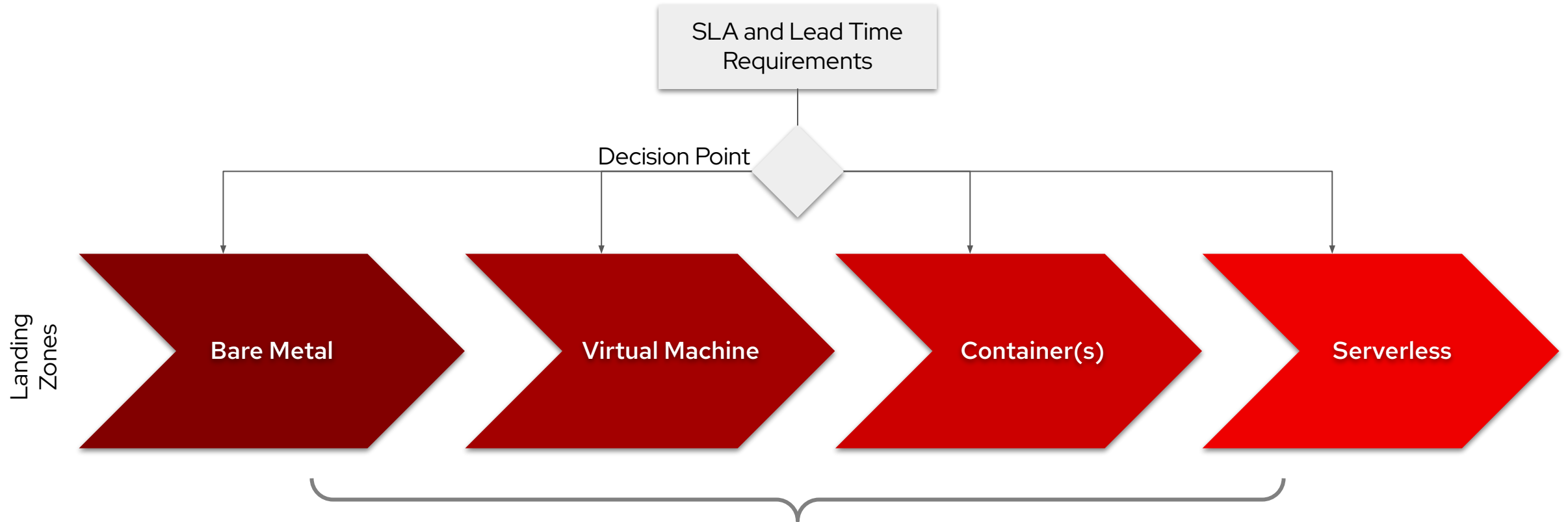
Making the Right Things Easy

Easy Buttons → ↑ cNPS

ReUsable Components → ↑ ReUse

# Diverse Landing Zones

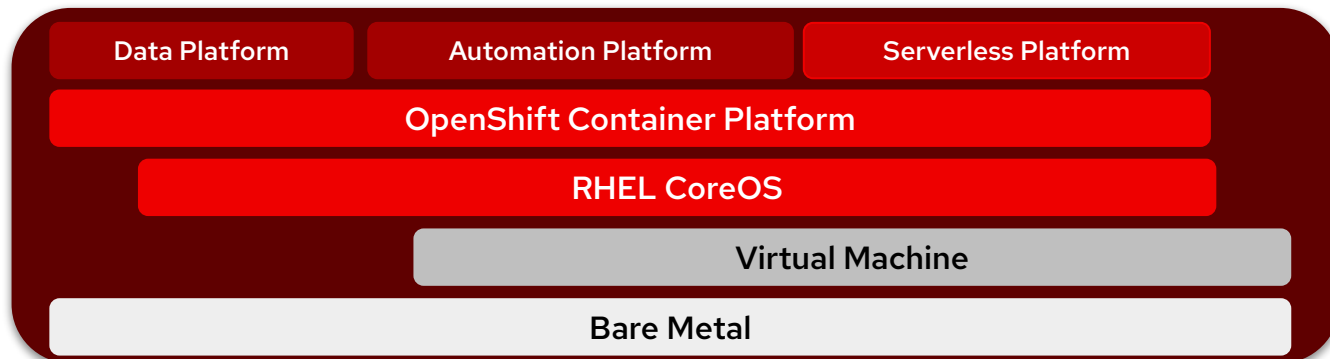
A work load's SLA and required lead time to deployment identifies the landing zone



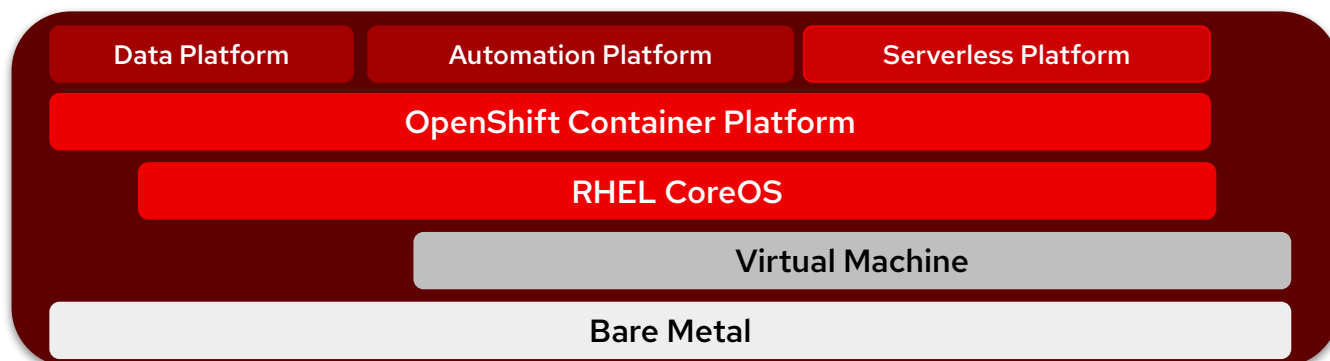
Multiple landing zones are possible, based on the workload diversity and differentiated needs in the enterprise

# Highly evolved, comprehensive platform

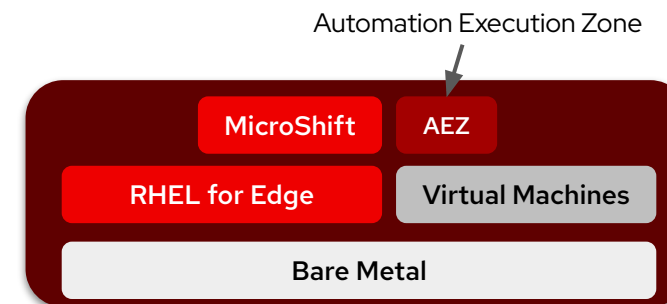
Built on the Shoulders of High Performing Teams



\*.Cloud



Data Center | Co-lo



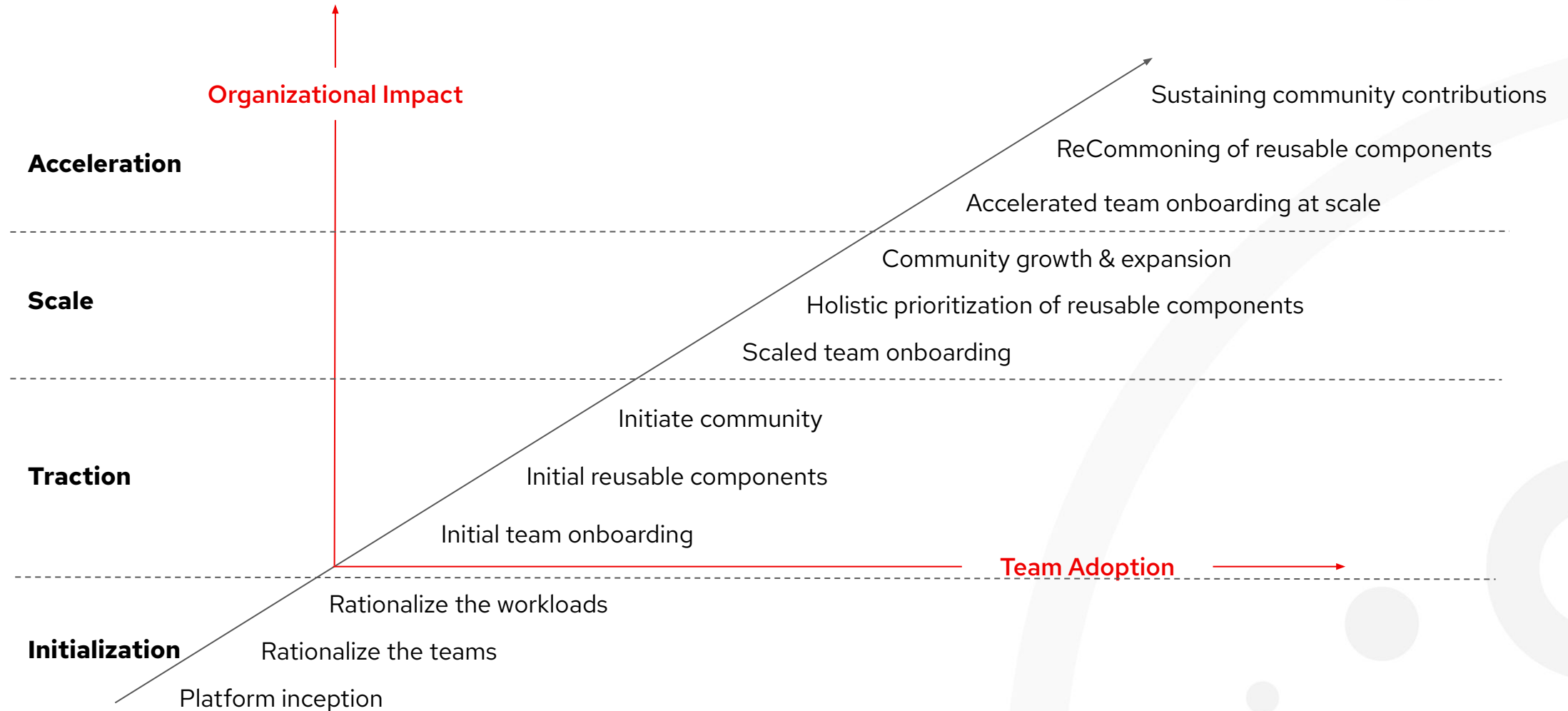
Edge

## Self-Service Consumption of:

Bare Metal • Virtualization • Containers (VM or bare-metal host) • Serverless

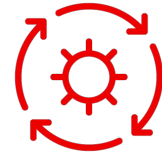
# Platform operating model roadmap

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# Enabling the transition to a platform operating model via new ways of working

*How might we enable the transition to a platform operating model?*



## Transformation Office

Vision

Change Management

Coaching

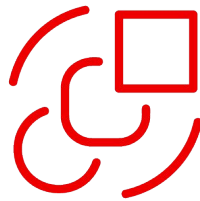


## Leadership

Mentor Leadership

Psychological Safety

Intent

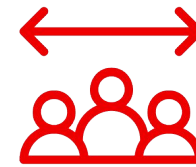


## Product

Customer Focus

Steering Committee

MVP



## Teams

Empowered

Dedicated

Understand purpose



## Communities

Organizational Learning

Advocacy

Giveback

# Get Started

## How might we start the transition to a Platform Operating Model?



### Observe & Understand

Leverage appropriate exercises to observe flow to understand options for moving forward



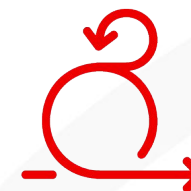
### Identify Target Slice

Select slice of functionality to split off and transition



### Instantiate Teams

Stand up cross-functional teams to continuously deliver value to the right



### Empower & Enable Teams

Empower teams to own their delivery of value and enable them for success

# Platform Operating Model Measuring Impact

The Platform Operating Model  
leverages a balanced approach  
to metrics



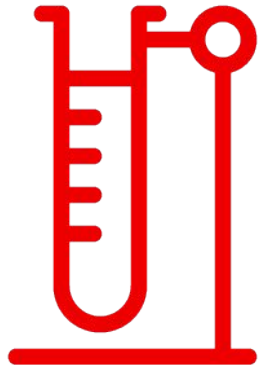
# Software Delivery Metrics

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## Platform Metrics

How might we understand how our platform is performing?



### Customer NPS (cNPS)

How likely are your customers to recommend the platform to friends?

### Adoption Rate

How often do new teams onboard?

### Lead time to Provision

How long does it take to hand over an environment to a customer?

### Lead time to Onboard

How long does it take to onboard a new team?

### Abandonment Rate

How often do teams leave the platform?

### Team Efficiency

# of customers / # of Platform Team members

# Platform Operating Model Portfolio Hub

The Platform Operating Model  
Geo Solution on Portfolio Hub

# Platform Operating Model

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Provide Suggestions

**GEO**

## Platform Operating Model

NA

A curated collection of activities assembled to deliver and operate continuously improving platforms and to develop high performing digital product teams at scale to drive the customer's strategic business innovation. Inspired from Container and Automation Adoption Journeys and infused with transformative, team-centered practices.

Learn ⓘ	Position ⓘ	Propose ⓘ
<p><b>What is this solution?:</b></p> <ul style="list-style-type: none"><li><a href="#">Solution Overview</a></li></ul> <p><b>Seller enablement:</b></p> <ul style="list-style-type: none"><li><a href="#">Sales Enablement</a></li></ul> <p><b>Video overview of the POM solution:</b></p> <ul style="list-style-type: none"><li><a href="#">Solution Overview Video</a></li></ul> <p>Not the solution you were looking for? see <a href="#">Related Solutions</a></p>	<p><b>Customizable presentations:</b></p> <ul style="list-style-type: none"><li><a href="#">Sales Presentation</a></li></ul>	<p><b>Contract support:</b></p> <ul style="list-style-type: none"><li><a href="#">Indicative Task List</a></li><li><a href="#">Indicative GFA</a></li></ul>
Deliver ⓘ		
<p><b>Technical training:</b></p> <ul style="list-style-type: none"><li><a href="#">Recommended Training</a></li></ul>		

### Attributes

Updated: CY22 Q4  
Version: v1.0  
State: **Geo**  
Highlight: Initial release  
Personas:  
Tags: [Solution](#)  
[Application](#)

Did you find these materials beneficial? 😞 😊

### Contacts

NA: Jim Dillon

### Related Solutions


[Container Adoption Journey](#)  
[Automation Adoption Journey](#)

### Related Products


None specified

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