



# IT Automation as a Service

Powered by Red Hat Ansible

# The IT Automation Vision

## Users



- Improved productivity
- Better cross-team collaboration
- Reduce inefficiencies
- Focus on high-value, strategic initiatives

## Business



- Lower production costs
- Policy enforcement and governance
- Improve agility and responsiveness
- Scale quickly to support customer demands

## IT

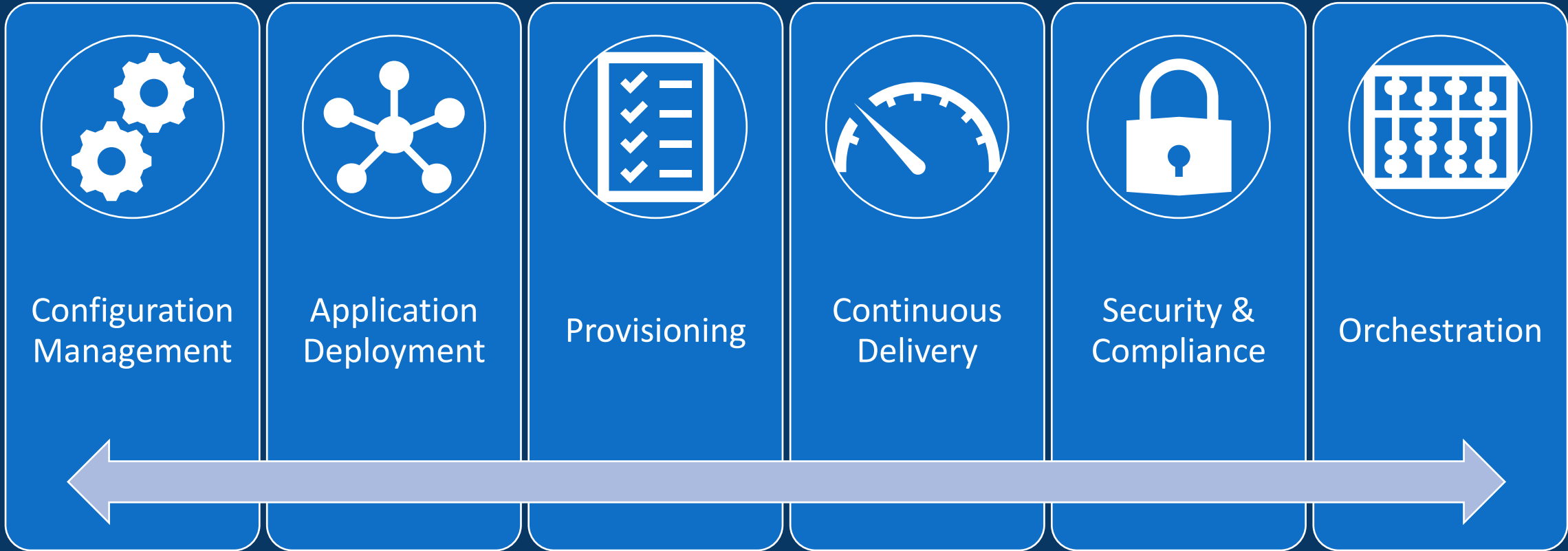


- Reduce complexity in IT environments
- Discover and close gaps in security
- Faster and more reliable deployments
- Faster provisioning & automated patching

# The Challenges

- Same tasks are repeated multiple times
- Time consuming manual entries
- Inefficient workflows and operations
- Human errors while managing complex DevOps
- Inconsistency, and therefore, inefficiency
- Difficulty scaling automated cloud platforms
- Skill limitations and costly contractors

# The Solution: Complete IT Automation



# The Benefits

## Accelerated automation efforts

Simple, human-readable automation language is easily learned, even by those with no coding skills.

## Simplified network and IT technology

Implementation details are abstracted, simplifying the view of a diverse, multivendor environment.

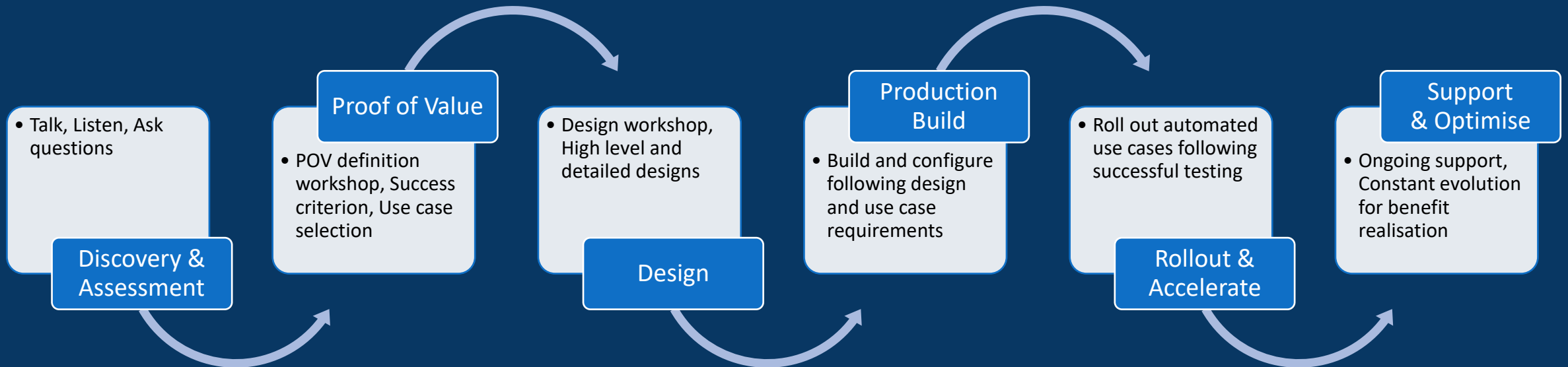
## Improved control and governance

Consistent configuration and management across multivendor environments strengthens compliance with regulations and policies.

## Increased innovation

Tedious, repetitive, and error-prone tasks are automated allowing teams to focus on the creation of new business services.

# The Simplex Services Framework





# The Toolchain

## CREATE

## SCALE

## ENGAGE

Simple

Powerful

Agentless

Control

Knowledge

Delegation

Collaboration

Management

Analytics

### Ansible Engine

Universal language of automation

### Ansible Tower

Operate and control at scale

### Ansible Hosted Services

Engage users

## Red Hat Ansible Automation Platform

Build and operate automation across an organisation

### Operating Systems & Virtualisation

### Networks

### Cloud

### DevOps Tools

### Security

Red Hat Enterprise Linux, Windows and Windows Server, VMware

Arista, Cisco, F5, Infoblox, Juniper, Palo Alto


AWS, Google Cloud Platform, Microsoft Azure, OpenStack

Atlassian, Check Point, CyberArk, Datadog, IBM, Splunk

Cisco ASA, Check Point, CyberArk, Fortinet, IBM Resilient, Qradar

## BREADTH OF INTEGRATIONS

# The Benefits



76% operational efficiency savings
70% reduction in man hours
68% more productive IT infrastructure management teams
25% more efficient IT security teams
£200 per day cost saving by delegating tasks to less experienced staff
498% five-year return on investment



# Use Cases

Infrastructure automation

Network automation

Security automation

DevOps automation

Hybrid and multicloud automation

## EXAMPLE SCENARIOS

OS patches/Bug fix automation

Automated application deployments

Configuration setting of operating systems

Installation and removal of software

Weekly systems reboot

Monitor configuration drift

Database binary patching

Instance provisioning

Performing compliance checks