

Red Hat
Summit

Connect

Introduzione: trasformare i servizi IT
in modo consapevole

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Tree of Taste

Green food, retail & online



Tree of Taste, a traditional food company, would like to

- ▶ Expand on the market, create new multichannel and in store services to improve customer experience
- ▶ Gain advantages from Edge computing technologies
- ▶ Improve collaboration with partners and ecosystem
- ▶ Gain IT agility and flexibility

Stay competitive in a software-driven economy

Cloud-native approach



Faster Time To Market

Since development cycles are shortened, a microservices architecture supports more agile deployment and updates



Highly scalable

As demand for certain services grows, you can deploy across multiple servers, and infrastructures, to meet your needs..



Resilient

These independent services, when constructed properly, do not impact one another. This means that if one piece fails, the whole app doesn't go down, unlike the monolithic app model.



Interoperability

A cloud native application developed with an "API first" approach enables the interoperability with partners and ecosystem.

CONTINUOUS INNOVATION SUCCESS



Cycle Time
(concept to cash)

FROM 6
MONTHS



TO 1 DAY



Releases
per year



TO
359

FROM 12



Defects in
production

FROM
20%



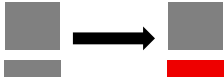
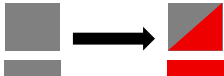
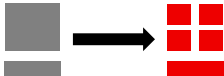



TO 2%

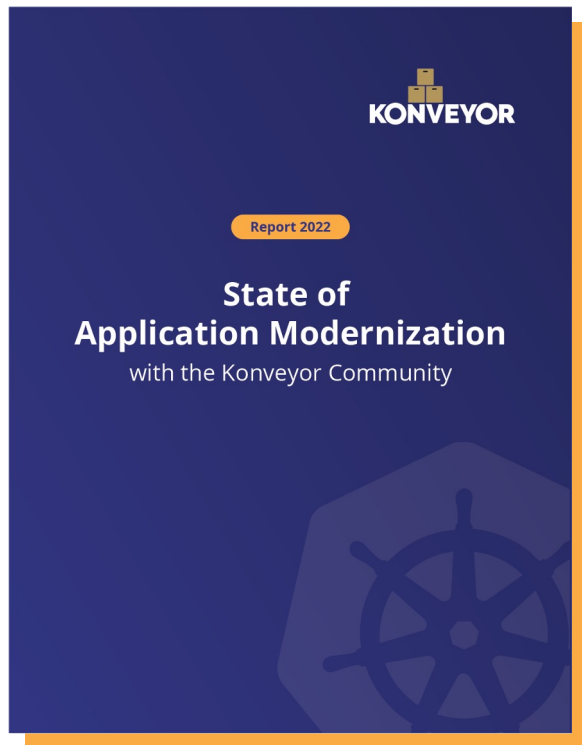


The Monolith

Modernization strategies

Action	Definition / Example	
Retire	Sunsetting the application.	
Retain	Continue running the application as-is.	
Rehost	Migrating an application as-is to a new platform. Example: Migrating virtual machines as is to a new virtualization platform.	
Replatform	Making optimizations to the application that do not require re-architecture or significant code changes in order to achieve business or technical benefits. Example: Migrating an application into a container in order to standardize application delivery and day-2 operations across application teams.	
Refactor	Changing how an application is developed and/or architected, typically to be more cloud-native Example: Strangling a monolith into microservices.	
Repurchase	Moving to SaaS or Replacing portions of an application with as a service offerings Example: Consuming Kafka as a Service within an existing application.	

The State of Application Modernization Report 2022



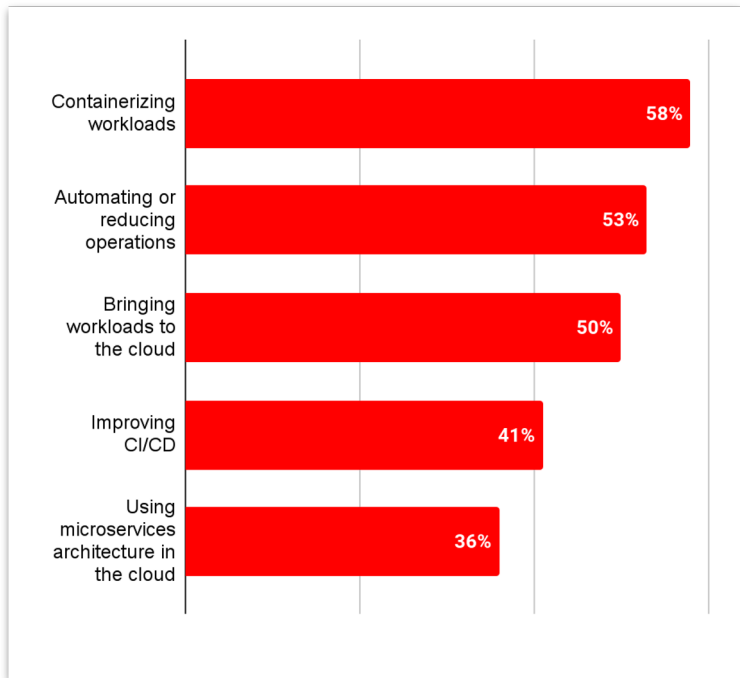
Learn why enterprises plan to modernize more than half of their existing applications to run on Kubernetes within the next year. And see how these 600 companies will approach the move, along with other key insights, to inform your modernization strategy.

View the report

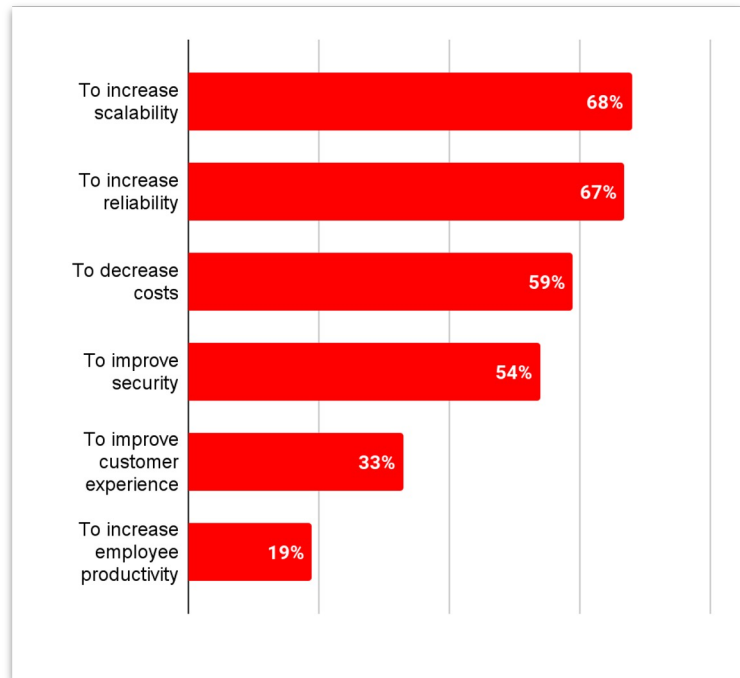
konveyor.io/modernization-report

The State of Application Modernization Report 2022

Ways companies define modernization

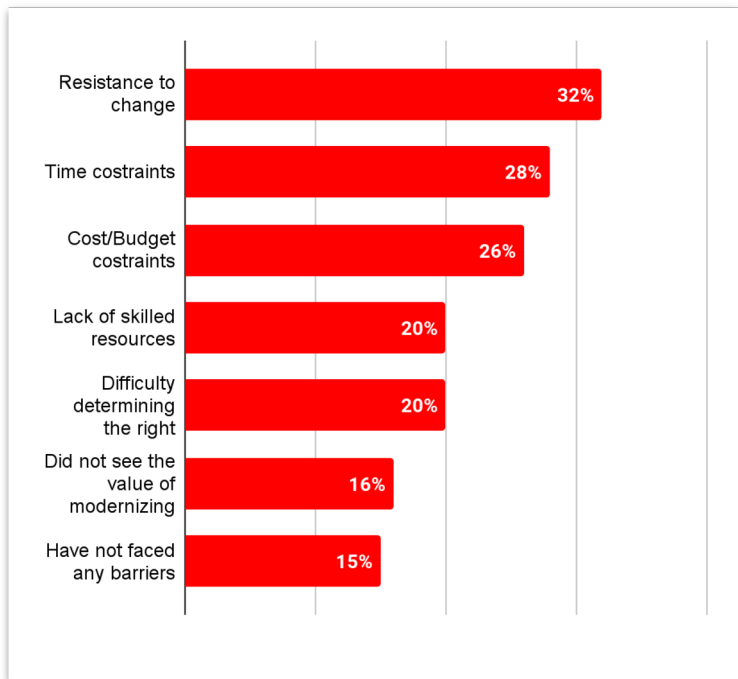


Top reasons for modernization

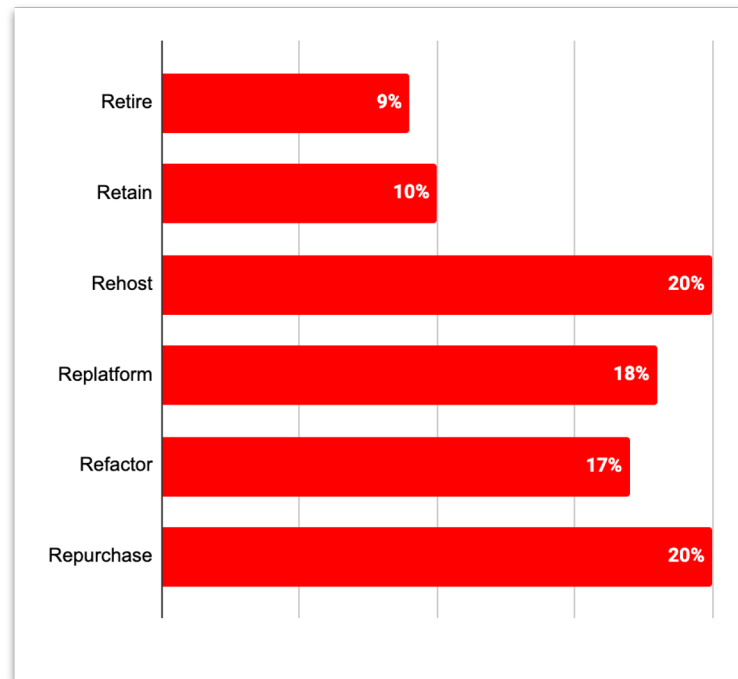


The State of Application Modernization Report 2022

Barriers to modernization

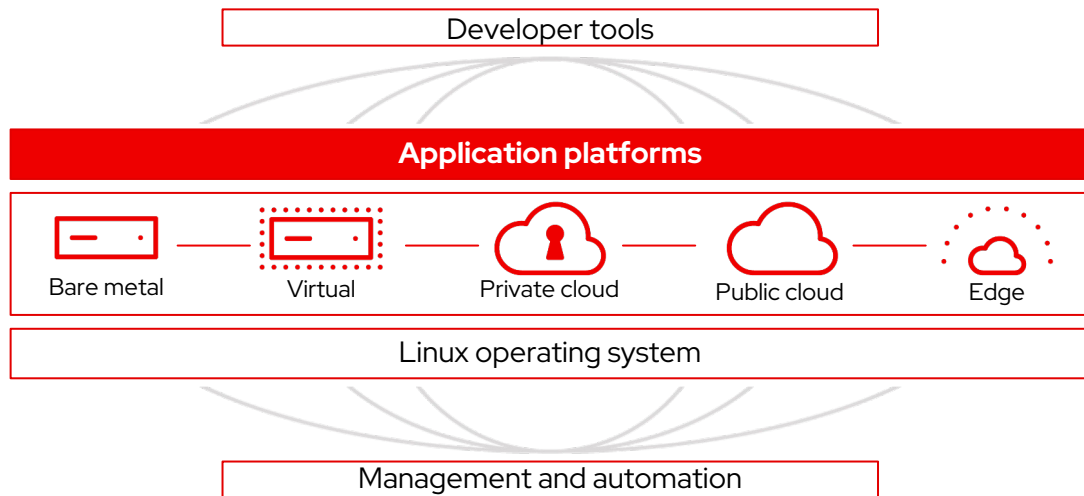


How to modernize



Open Hybrid Multi Cloud & Edge

Any workload, any footprint, any location



Vision

- ✓ **Develop** application **once**, **deploy everywhere** through automations
- ✓ **Same experience, same skills, same processes everywhere** (on premise, on multi cloud, on edge)
- ✓ Enabling a "**cloud brokering**" service model and Multi Cloud approach

Red Hat's flexible cloud-native solution

 **Red Hat**
Application Services

100+ Certified Operator

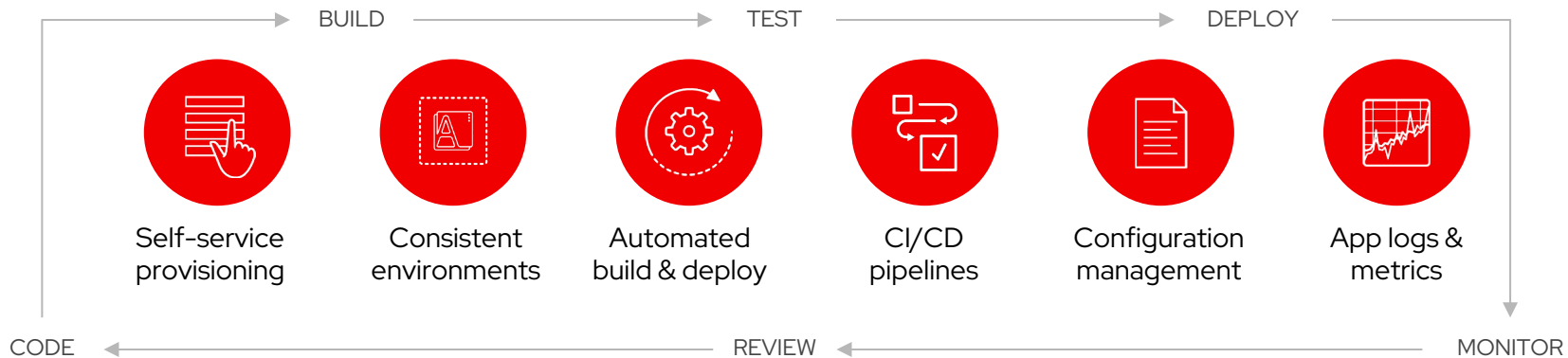
OperatorHub.io



Red Hat
Marketplace

 **Red Hat**
OpenShift

Service Mesh | Pipelines | Serverless



Red Hat Marketplace

100+ Red Hat OpenShift certified operators in a single place with an "App-Store" experience

AI / ML



Customer Code

```
{ | }
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DevOps Tools



Monitoring & Logging



Red Hat Marketplace

TRY -> BUY -> DEPLOY
in a Single Place
in Mere Minutes

Application Runtimes



Security



Red Hat OpenShift 4

Databases & Big Data



Networking



Any infrastructure



Storage



Red Hat Cloud Services

OpenShift Powered Application Development Platform



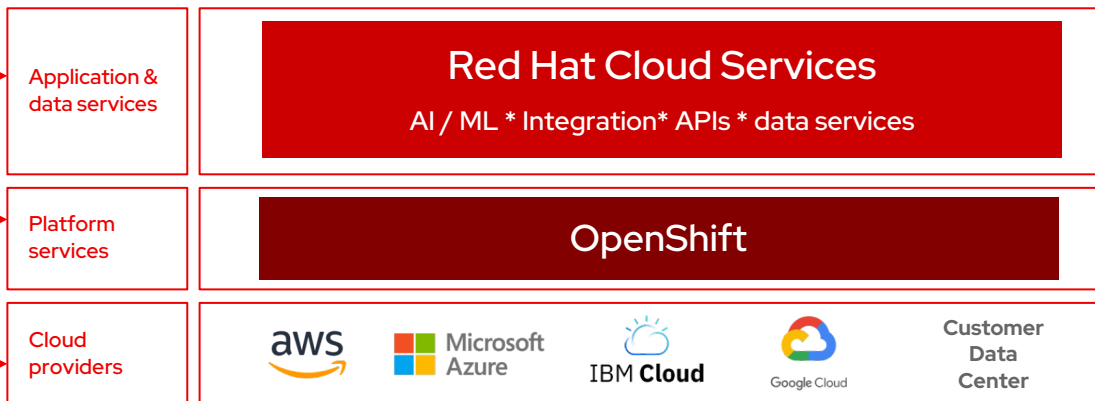
**Streamlined, curated
developer experience**



**Consistent across all
clouds**



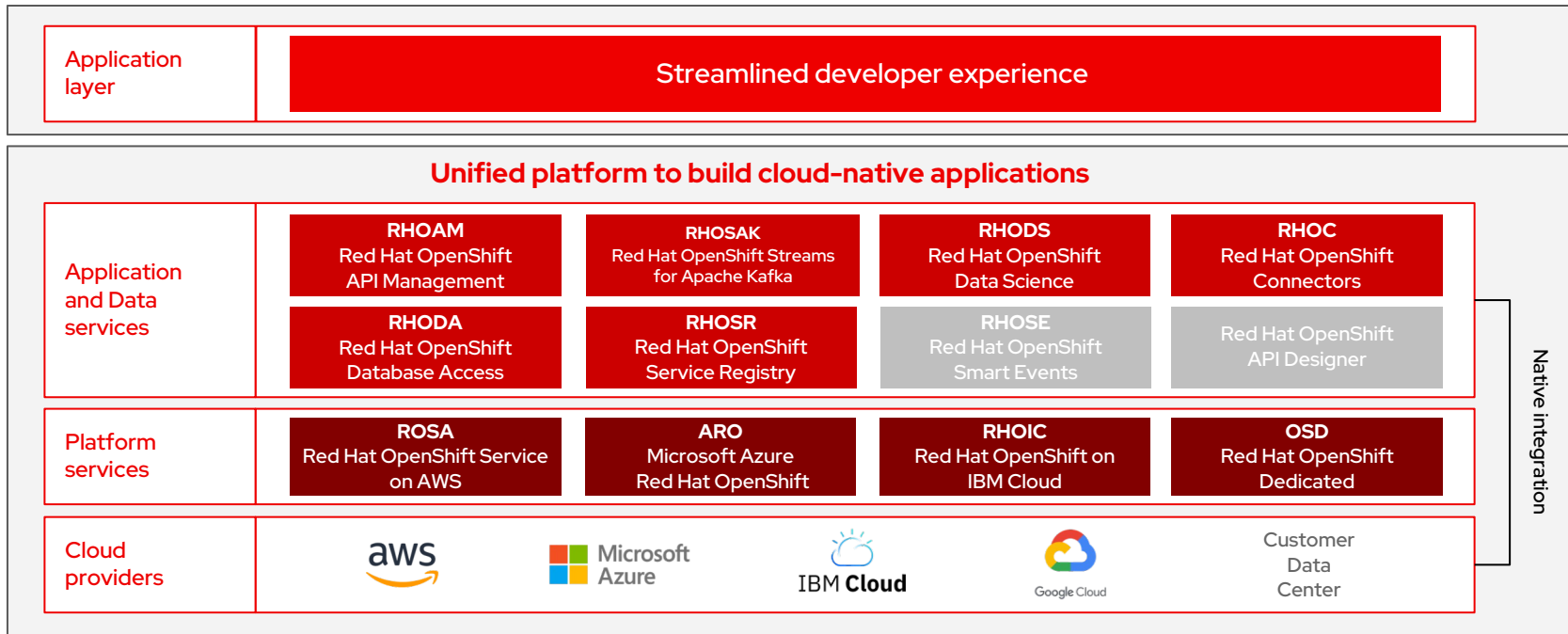
**Build once, deploy
anywhere**



native integration

Red Hat Cloud Services

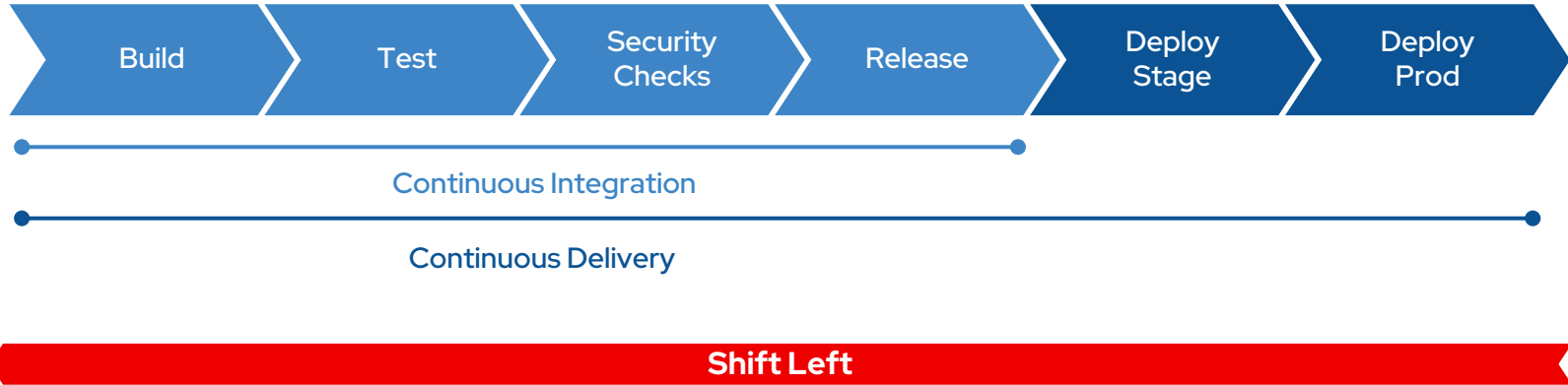
Platform Services + Application Services + Data Services



Coming soon	Available
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Continuous Integration(CI) & Continuous Delivery (CD)

A key DevOps principle for automation, consistency and reliability

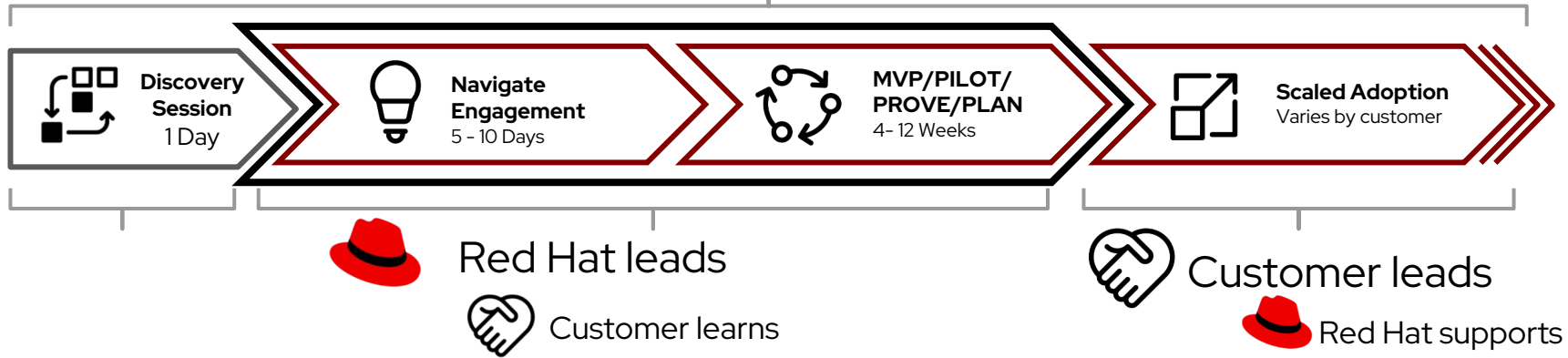


DevSecOps is the key to meet the insatiable demand for delivering quality applications rapidly

Application modernization path



Collaboration



Red Hat
Migration Toolkit for
Applications