

Red Hat Openshift tra automazione e AI

VEM Live 2025

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Account Solution Architect Red Hat

What is challenging organizations today?

Application
Modernization

Developer
Productivity

Software Supply
Chain Security

Rise of
Generative AI

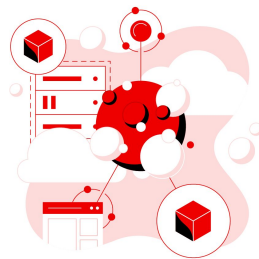


Application Modernization

40%

60%

80%



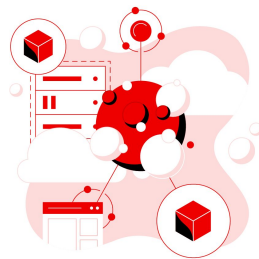
Percentage of applications
that organizations
plan to modernize
within the
next two years.

Source: [Konveyor](#)



Application Modernization

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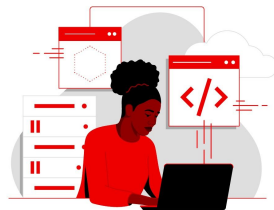


Developer Productivity

40%

60%

80%



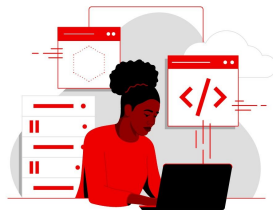
of companies will establish
platform teams
for application delivery
by 2026.

Source: [Gartner](#)



Developer Productivity

80%



of companies will establish
platform teams
for application delivery
by 2026.

Source: [Gartner](#)



Software Supply Chain Security

56%

156%

256%



Year-Over-Year
increase in the number of
malicious packages.

Source: [Sonatype](#)



Software Supply Chain Security

156%



Year-Over-Year
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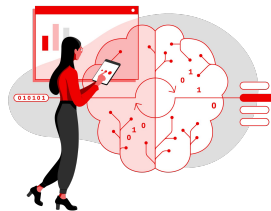


Rise of Generative AI

20%

70%

80%



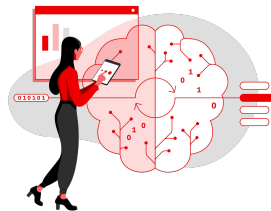
of organization with platform teams will include **GenAI capabilities** in their internal developer platforms by 2027.

Source: [Gartner](#)



Rise of Generative AI

70%



of organization with platform teams will include **GenAI capabilities** in their internal developer platforms by 2027.

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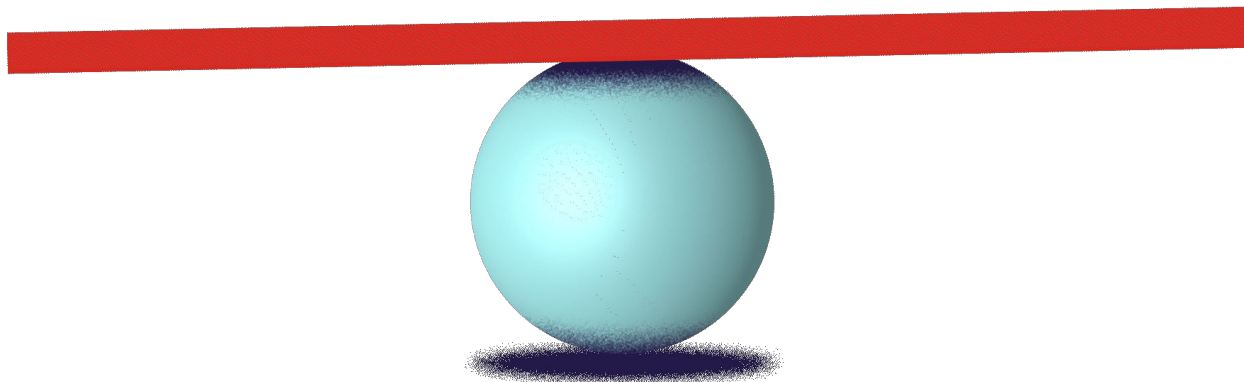
Turn a Challenge into an Opportunity

Balancing Security & Productivity

Innovation



Security



Red Hat OpenShift and Open Hybrid Cloud



Red Hat
Advanced
Developer Suite

Advanced Development Capabilities

Internal Development Portal | Secure Software Delivery
Developer Tools



Red Hat AI

AI Capabilities

Model Development | Serving
Lifecycle | Agentic | RAG | Fine Tuning



Red Hat
OpenShift



Physical



Virtual



Private cloud



Public cloud



Edge



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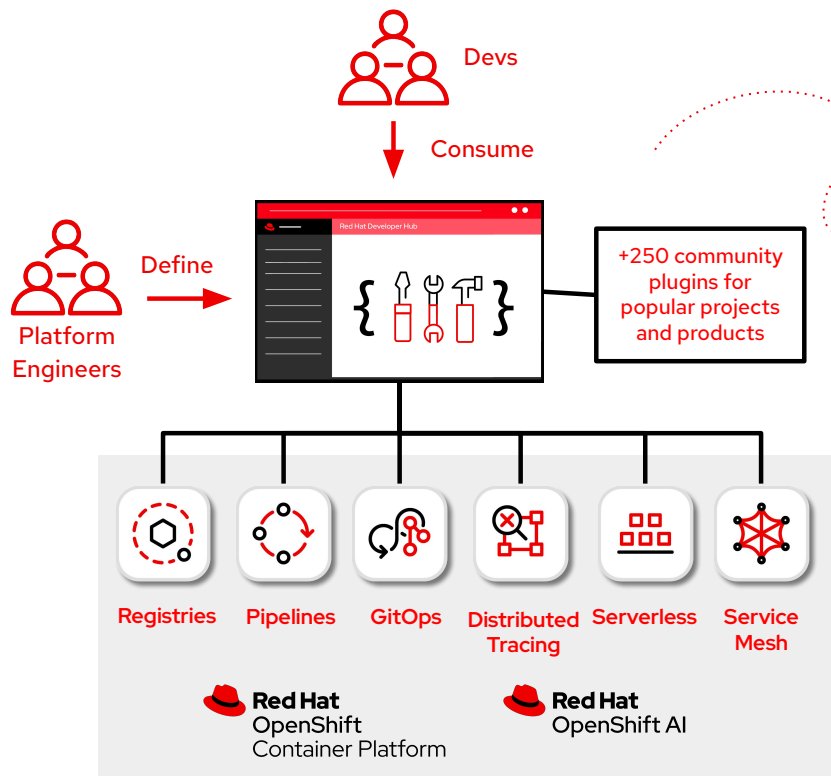


Edge



Red Hat Developer Hub

An Internal Developer Portal (IDP) based on the CNCF Backstage project



Increasing Developer Efficiency

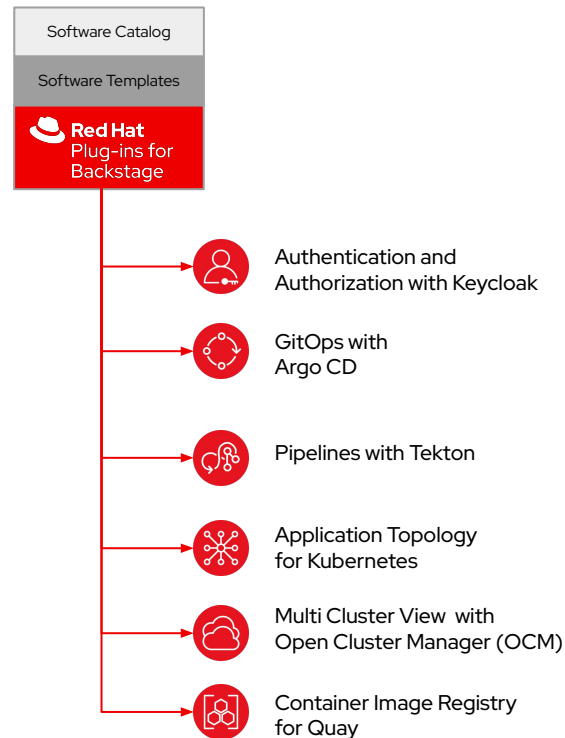
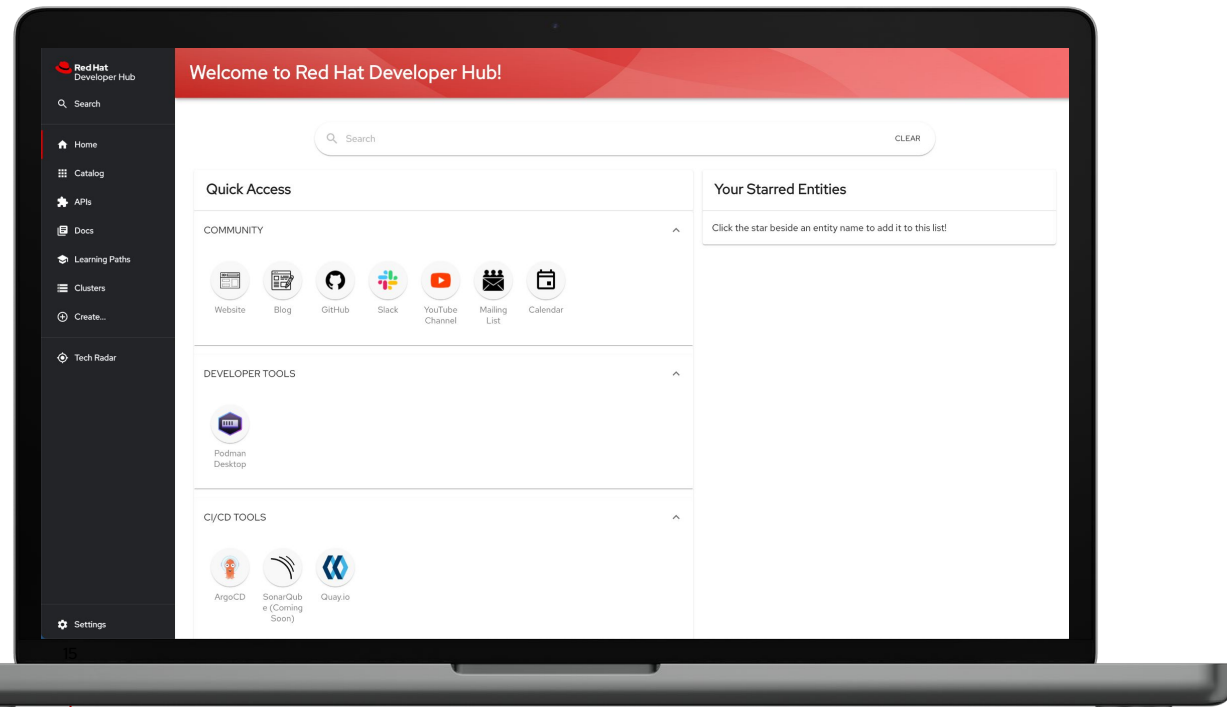
Faster Onboarding & Setup

Streamlined Development Workflow

Integrated Collaboration & Flexibility

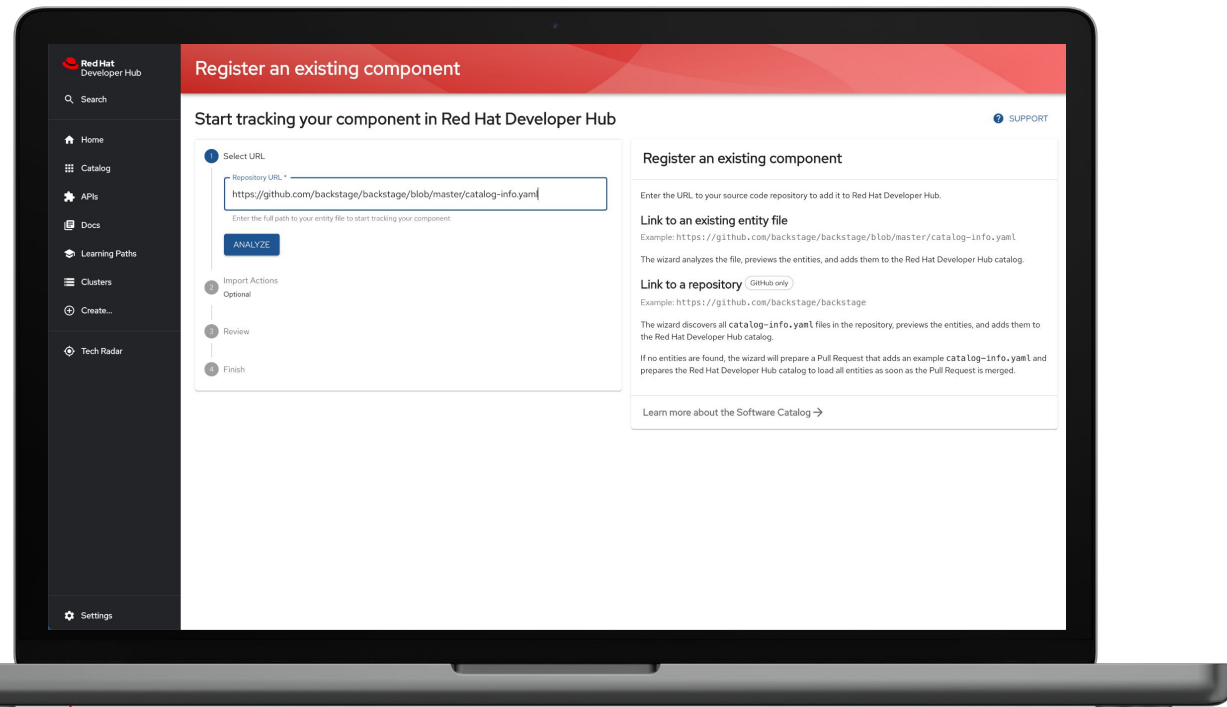
Single Pane of Glass

Increases engineering productivity



Self-service

with guardrails for cloud-native development.

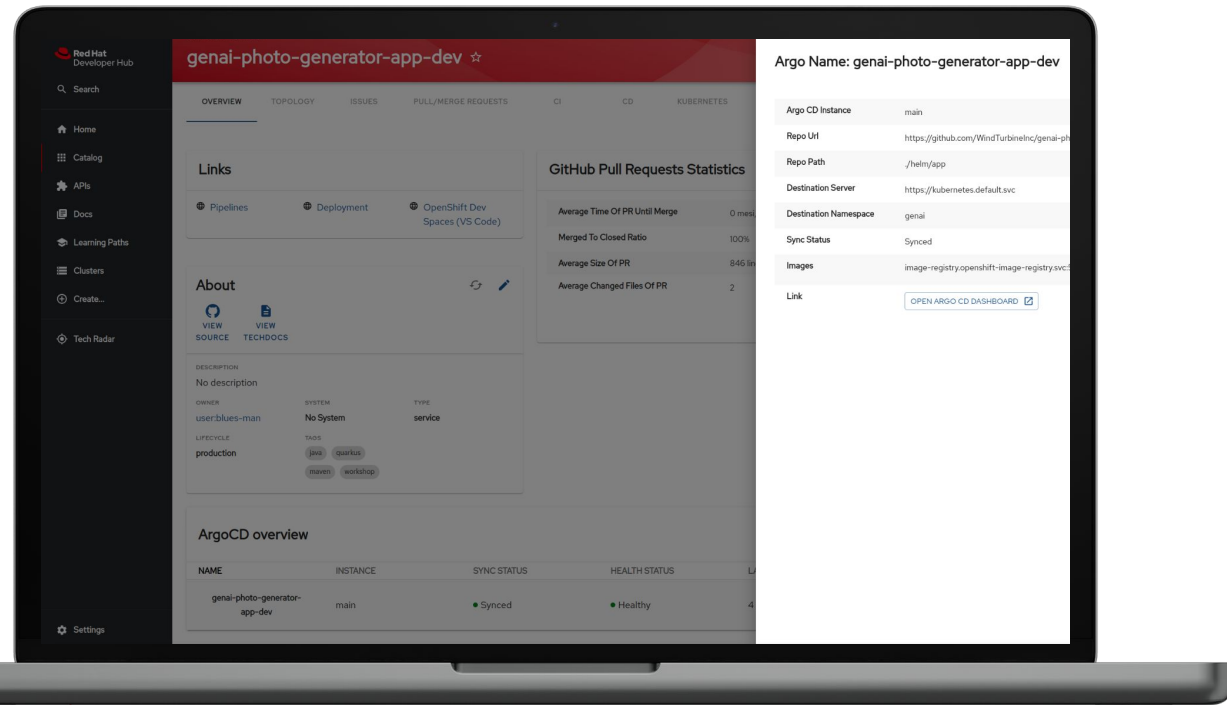


- ▶ keep **developer workflows** **rolling** smoothly
- ▶ with the **right tools**
- ▶ **validated environments, and on-demand services**

So developers focus on crafting **innovative** code and not the underlying infrastructure.

Best Practices

With GitOps and Automation.

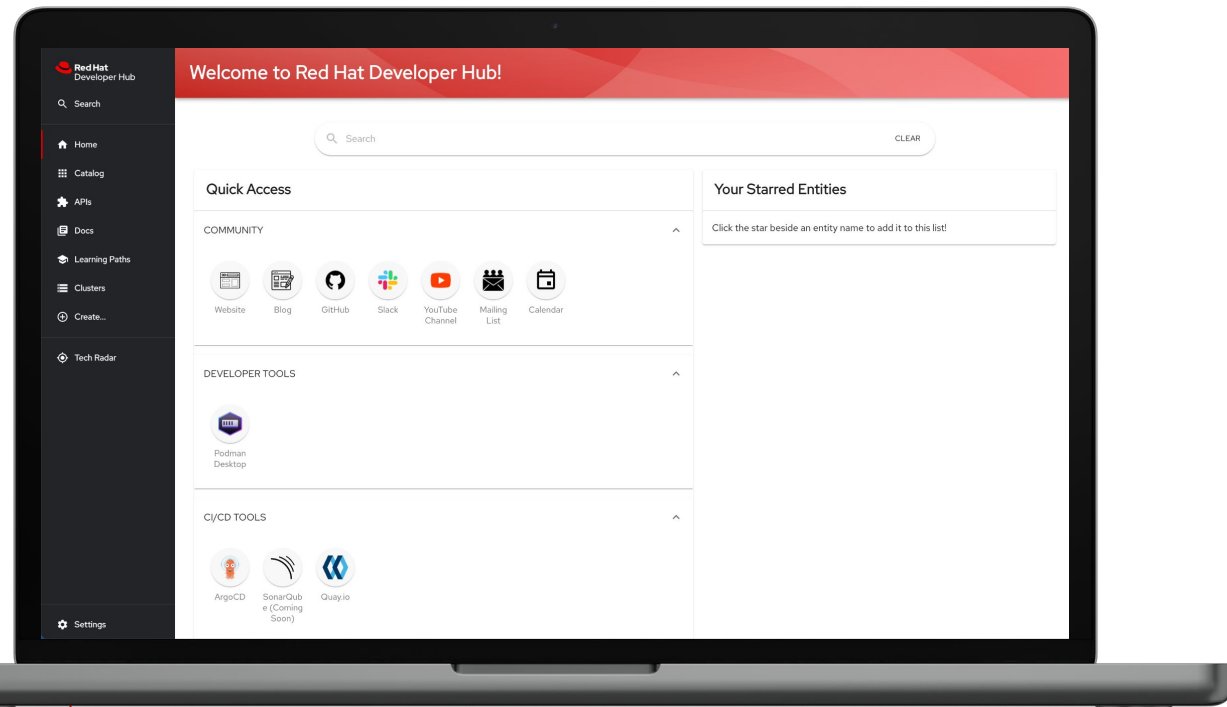


- ▶ create a **more consistent automation experience**
- ▶ based on GitOps and Pipelines
- ▶ support for key Red Hat developed plug-ins, including *GitOps with Argo CD* and *Pipelines with Tekton*.

Helps you to **standardize** the environment for system integrators and other contractors

Real Time View

application and infrastructure health and security.



Additional plug-ins like “Application Topology for Kubernetes” and “Multicluster View with Open Cluster Manager (OCM)” provide **consistent user experience across the overall application** and the **monitoring of infrastructure** health as well as security.

Why Supply Chain Security Matters

Preventing Tampering

Protects against unauthorized modifications to code or build processes, whether malicious or accidental.

Ensuring Integrity

Verifies that all components and artifacts remain unaltered from development through deployment.

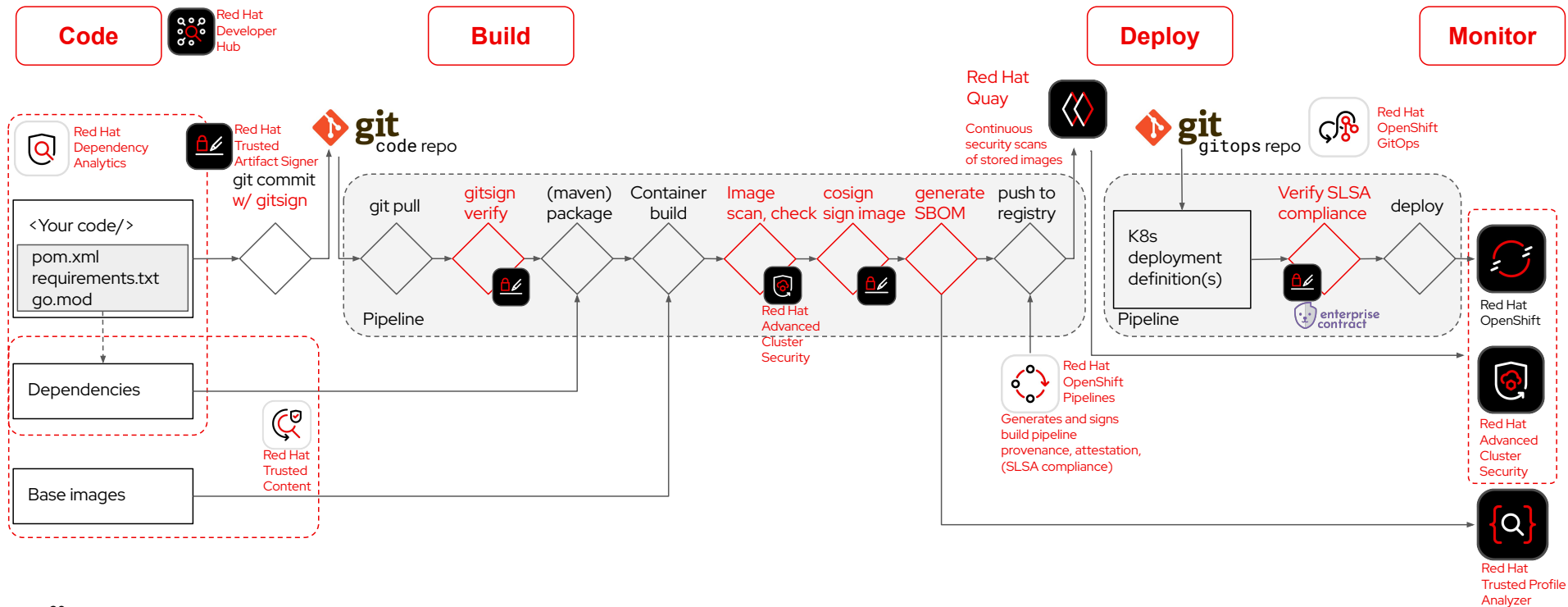
Compliance and Trust

Meets regulatory requirements and builds trust with customers by demonstrating a commitment to security and quality.

Reducing Risk

Minimizes the potential for security breaches that could lead to data loss, financial damage, or reputational harm.

From a Software Supply Chain to a TRUSTED Software Supply Chain



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Physical



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Private cloud



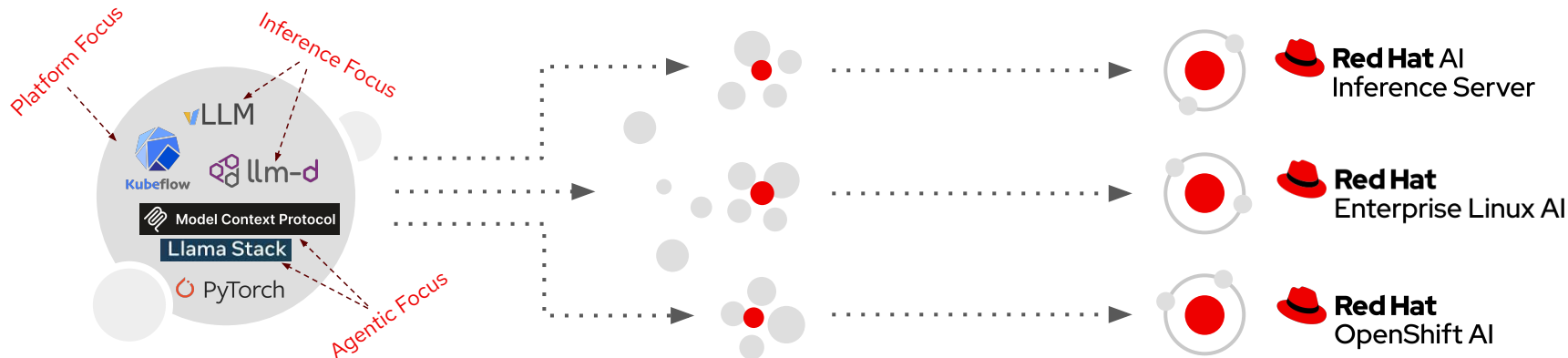
Public cloud



Edge



Red Hat's AI/ML engineering is 100% open source



Participate

We participate in and create community-powered upstream AI projects.

Integrate

We integrate upstream AI projects with our proven open hybrid cloud platforms.

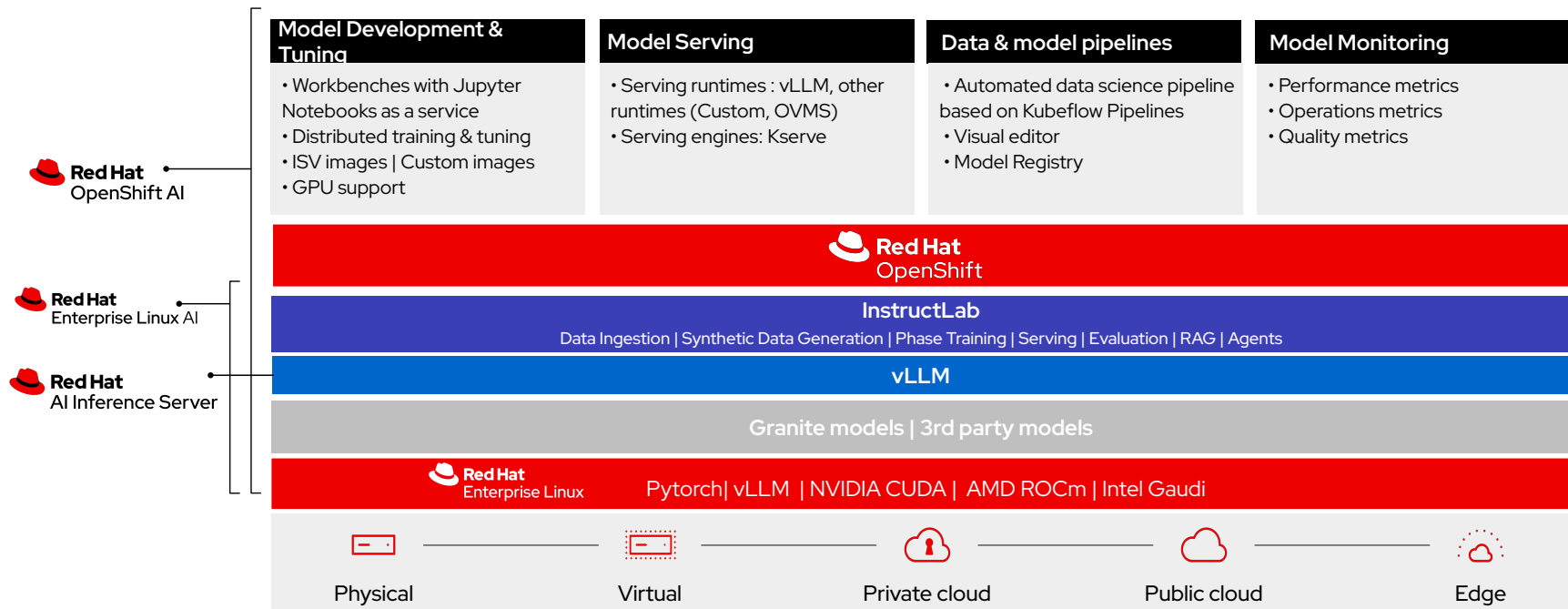
Stabilize

We commercialize these AI platforms together with a rich ecosystem of services and certifications.



Red Hat AI platform

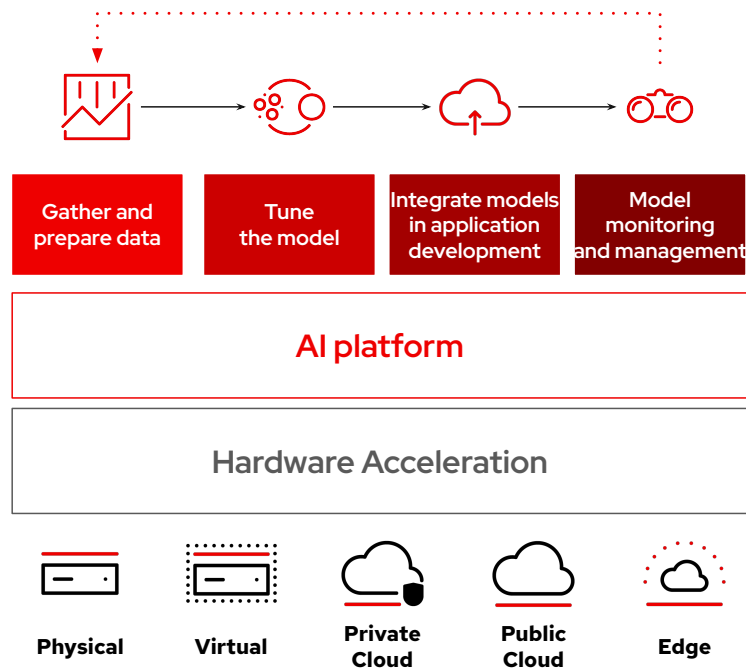
Generative AI, Predictive AI & MLOps capabilities for building flexible, trusted AI solutions at scale



Red Hat AI provides a platform for consistently building, deploying and running Gen AI models, AI-enabled applications, and AI agents across the hybrid cloud at scale.

It provides:

- ▶ MLOps and LLMOps capabilities
- ▶ **An efficient inference runtime (vLLM)**
- ▶ **Validated** and **optimized** third-party models
- ▶ InstructLab, RAG and agents for **customization**
- ▶ Monitoring, bias detection and **guardrails**





Connect

Roma | 12 novembre, 2025

Unlock what's next



Thank you



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