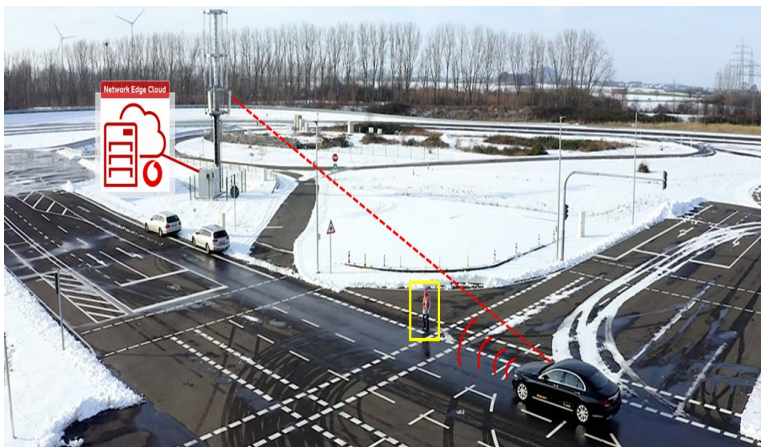


Red Hat Partner Enablement on Edge/IoT/AI&ML

Why Edge Computing?

Telco 5G network



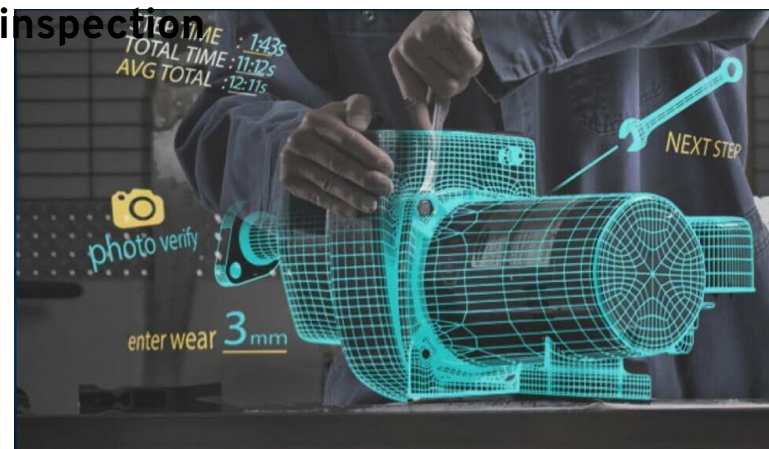
Predictive Maintenance for production



Worker Safety



Augmented reality for on site inspection



Innovation

Machine learning

Cloud

Containers

DevOps

Digital transformation

Security

Internet of things

Open source communities

Open organization

Kubernetes

Hybrid cloud

Automation

AI

Business goals

.....

Innovation velocity

Operational agility

Red Hat and Open Source for EDGE



Our open source solutions

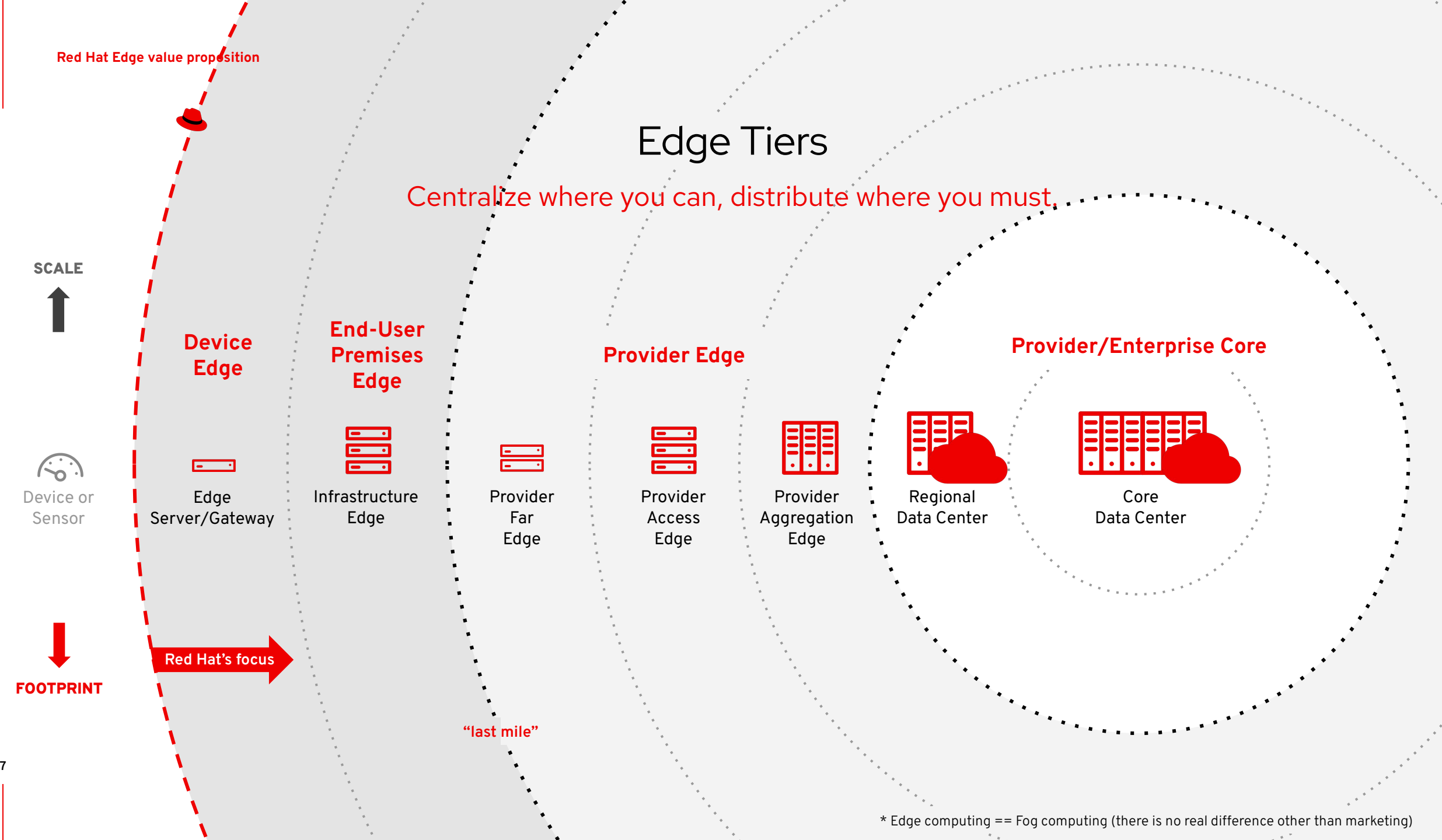
- Free you from **proprietary lock-in and cost escalation**
- Capture **community innovation**
- Provide the enterprise-level **security, reliability, scalability and support** required by the IoT
- Bring the internet of things to life **quickly, cost-effectively, and with lower risk.**

We are involved in a rich set of communities and organization to position
Red Hat in the heart of the edge revolution



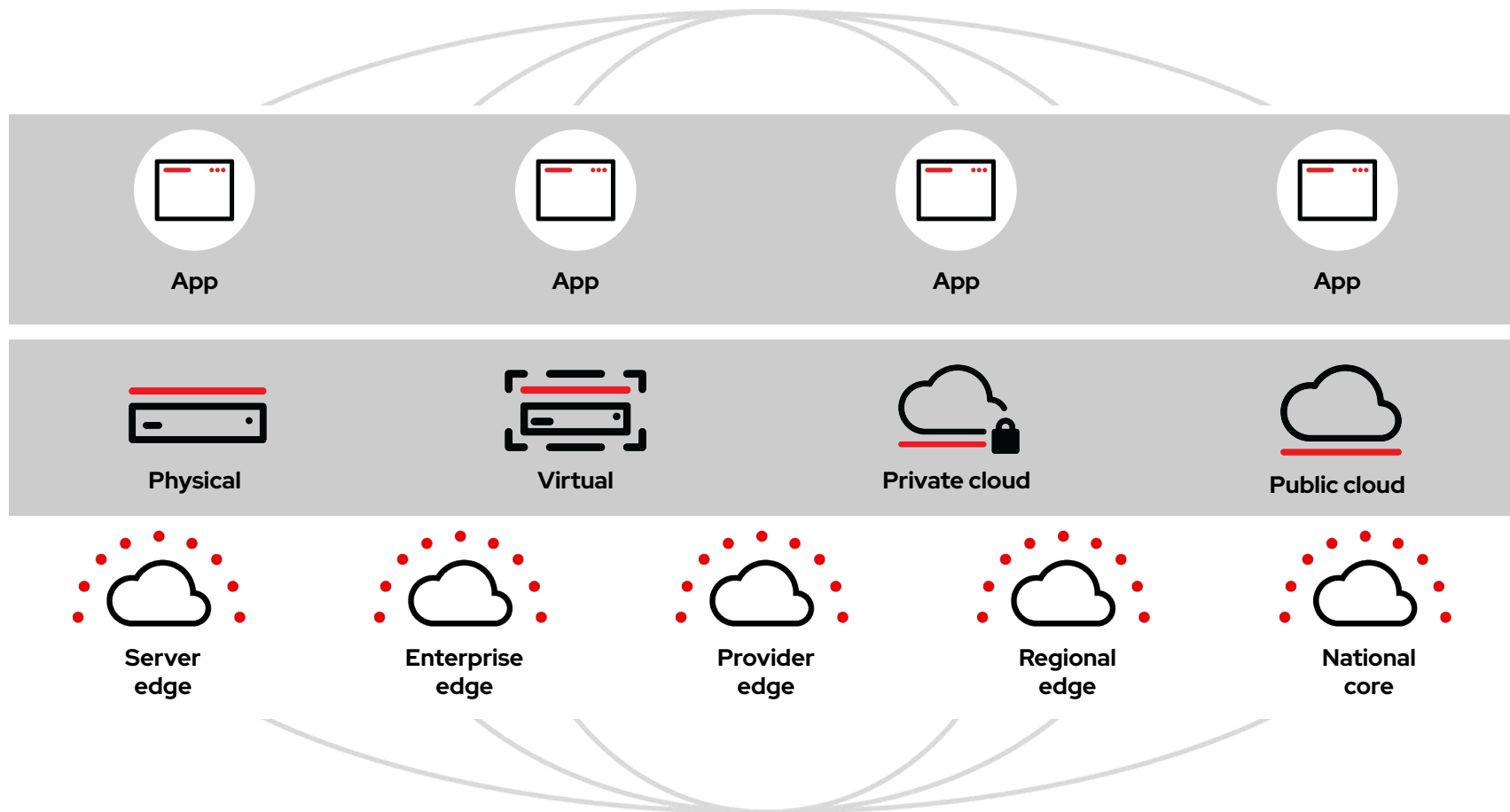
Why open source for Edge & IoT solutions

- **Open source & open standards = interoperability**
- **Take advantage of community & accelerate innovation**
- Iterate more quickly with less risk
- Speed time to market to deliver solutions
- Maintain control of your IoT technology and licensing
- **Wider integration selection with platforms and devices**
- Lay the foundation for future system and requirements scaling

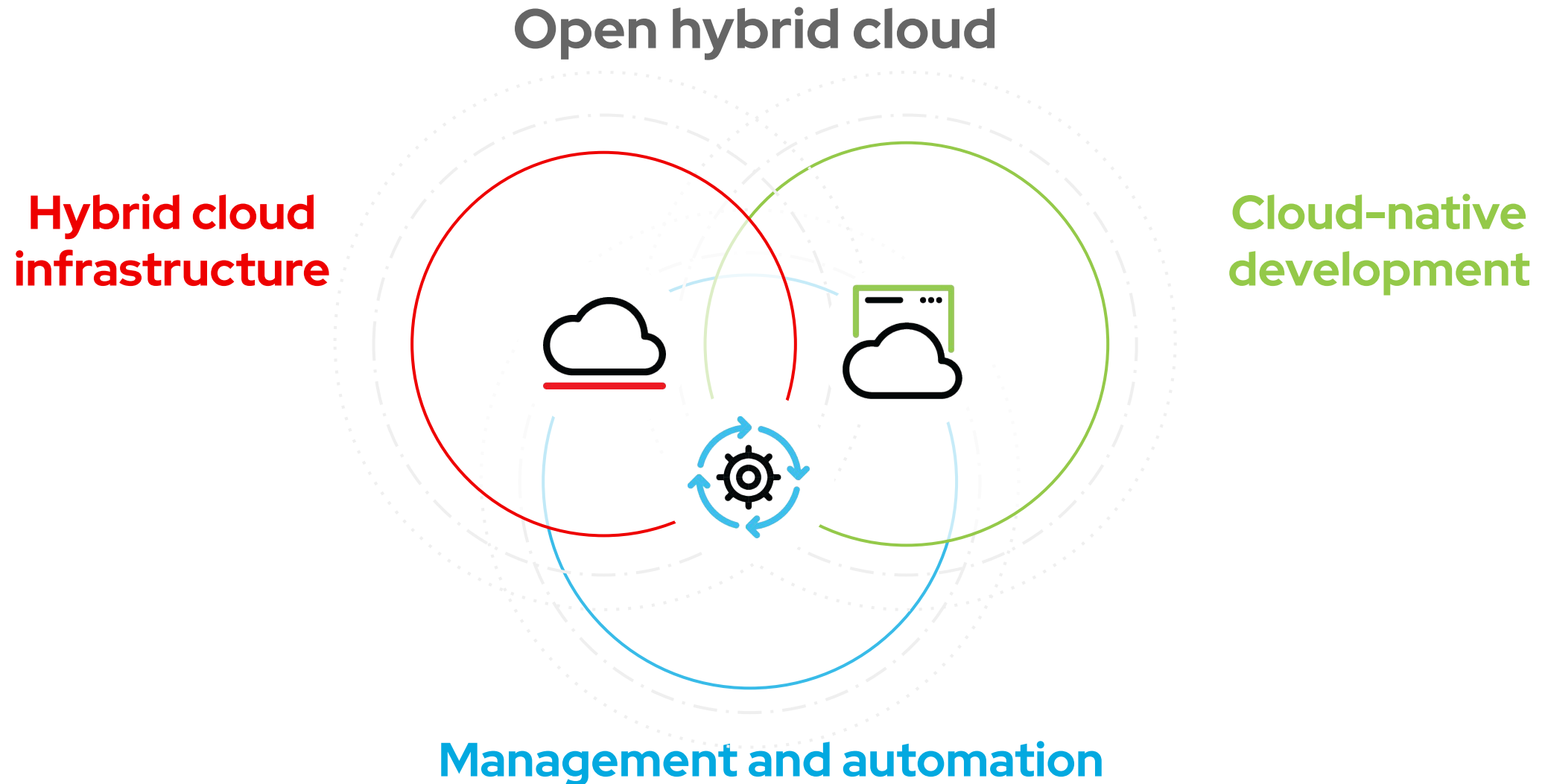


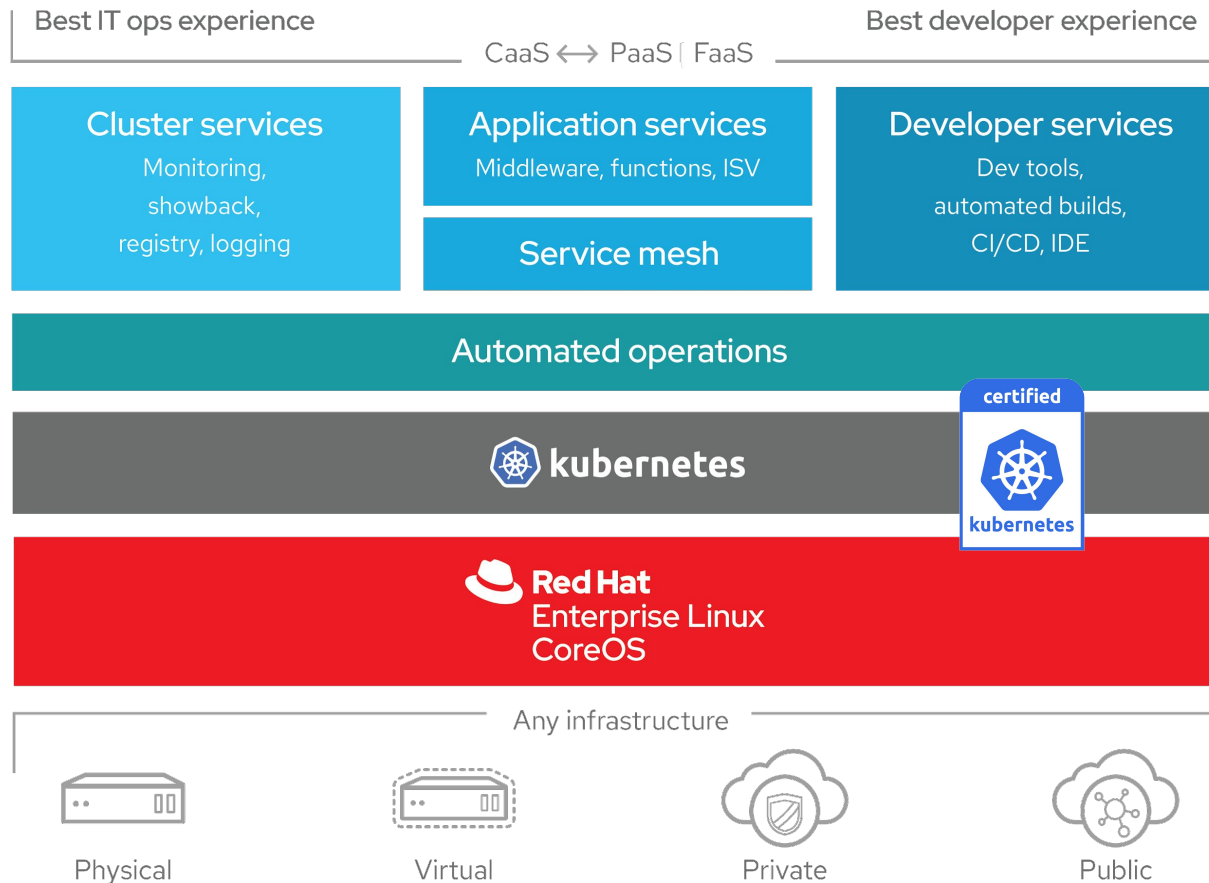
The Open Hybrid Cloud now extends to the Edge

Any workload, any footprint, **any location.**



The three pillars of our portfolio



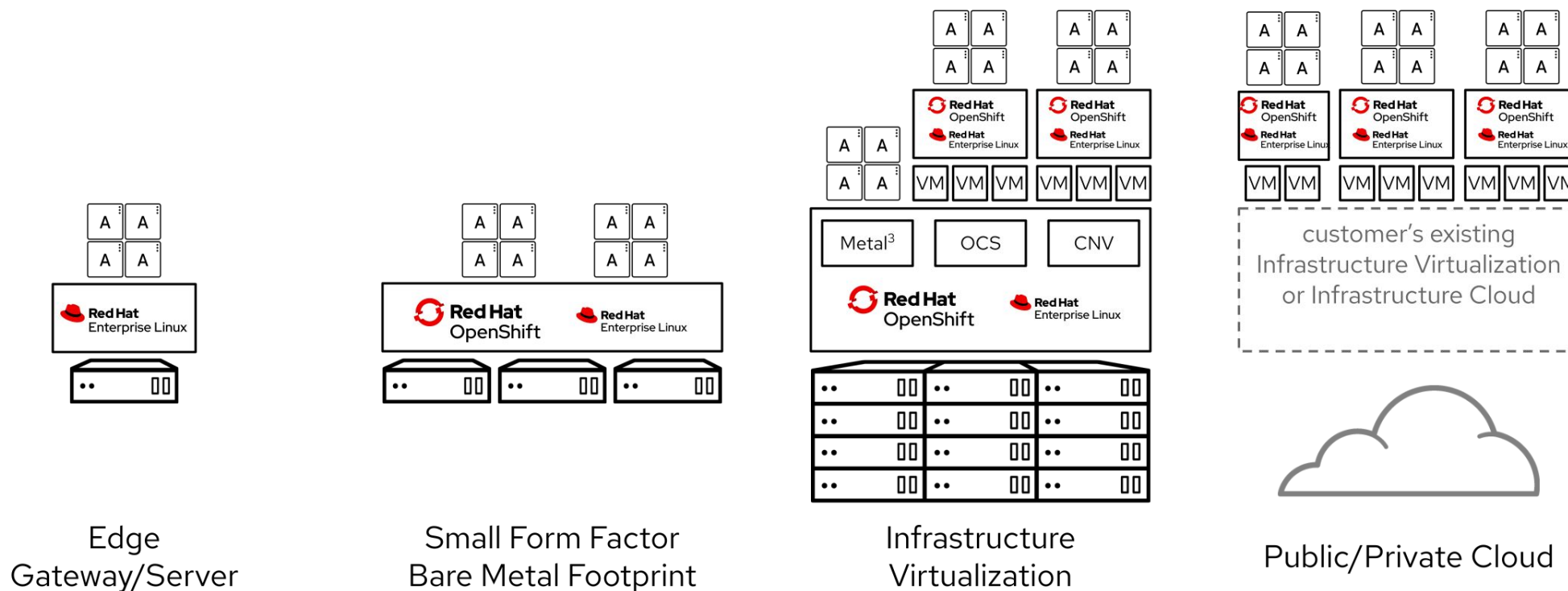


OpenShift 4 Platform

- Fully integrated and automated
- Seamless Kubernetes deployment
- Fully automated installation
- 1-click platform updates
- Autoscaling of cloud resources

Common platform, many deployment footprints

Some examples.



Red Hat Advanced Cluster Management for Kubernetes

Robust, Proven, Award Winning



Multi-cluster Lifecycle Management

- Create, update and destroy Kubernetes clusters reliably, consistently and at scale



Policy Driven Governance Risk and Compliance

Leverage policies to automatically configure and maintain consistency of security controls by industry corporate standards.



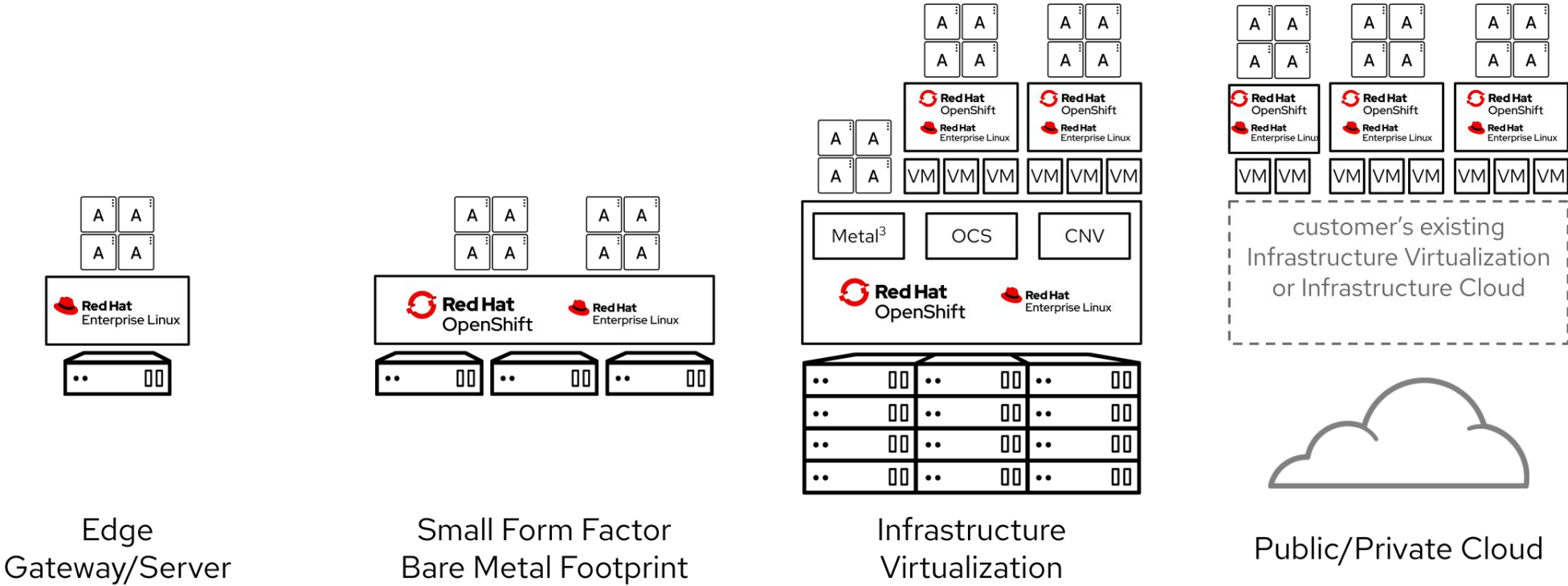
Advanced Application Lifecycle Management

Use open standards and deploy applications using placement policies that are integrated into existing CI/CD pipelines and governance controls.

00000000

Common platform, many deployment footprints.

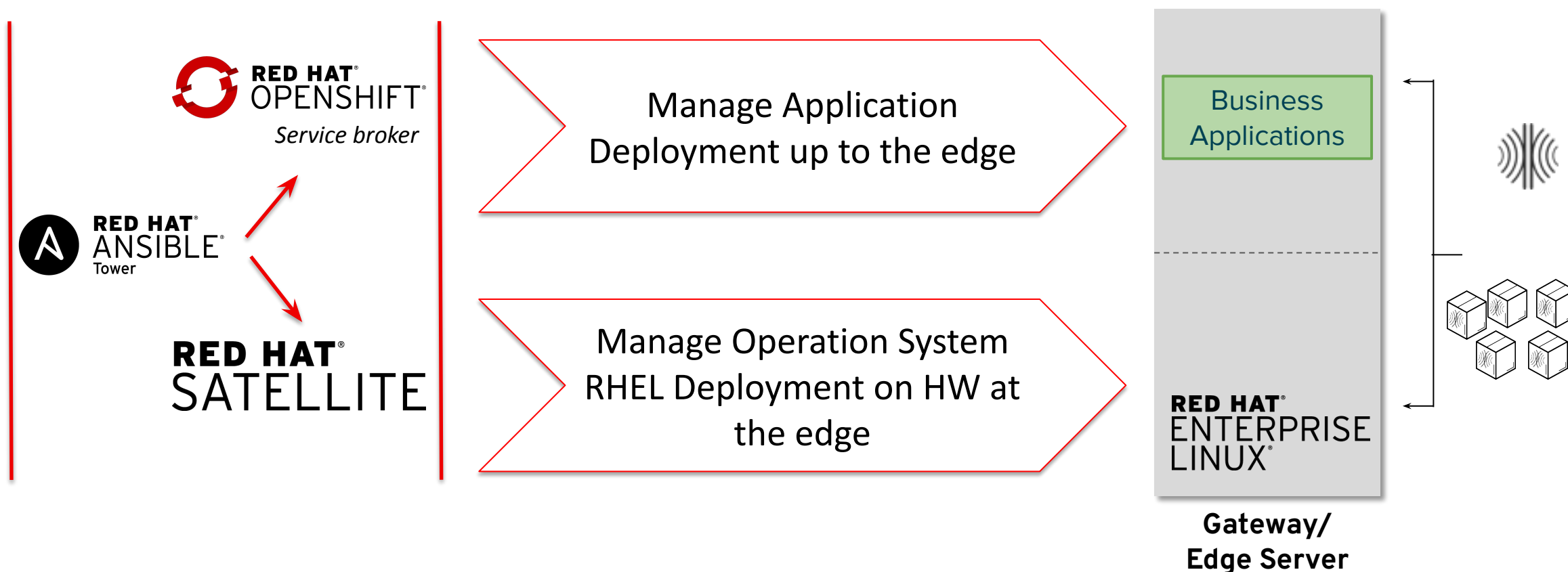
Some examples.



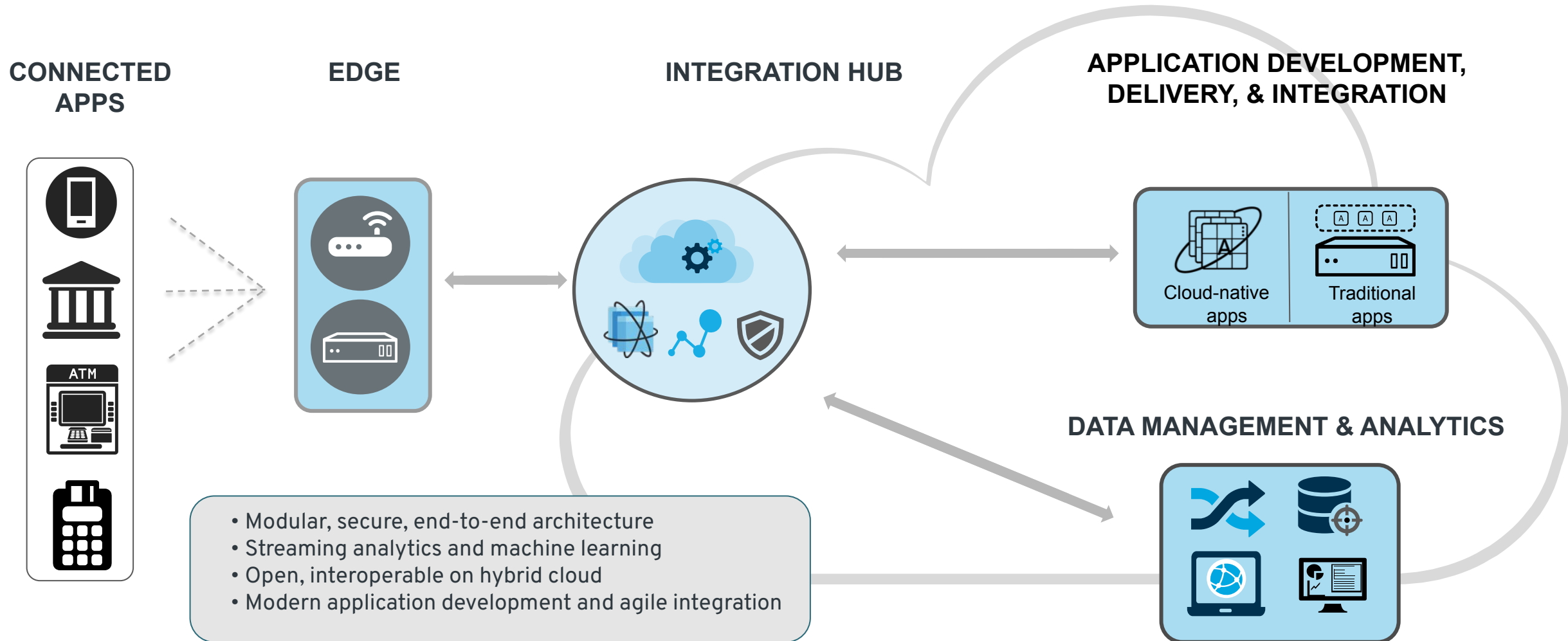
Ansible Red Hat Advanced Cluster Management for Kubernetes

Scale Edge solutions through centralized automation processes

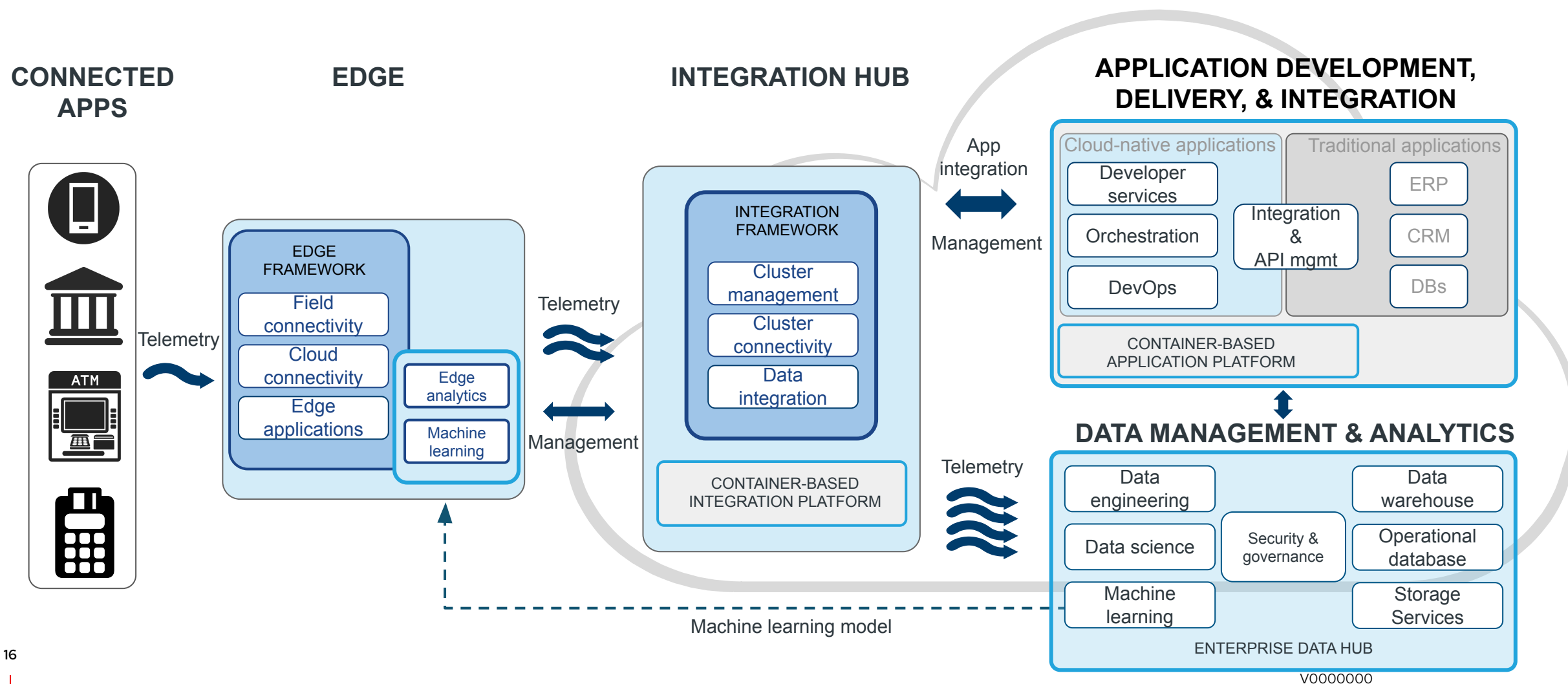
Centralized Management for... *...Automatized processes to the edge*



What a Self-Driving Architecture could look like...

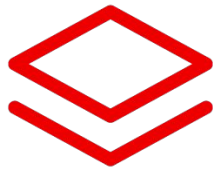


What a Self-Driving Architecture could look like...



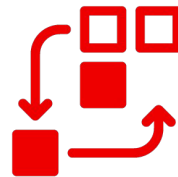
Why Red Hat for Edge Computing

Our Differentiation



Platforms

With Red Hat OpenShift and Red Hat Enterprise Linux at the heart of our strategy



Portfolio

Powerful building blocks including middleware, runtimes, and services



Open

Driving development of open standards while providing hardened, fully supported enterprise-grade platforms

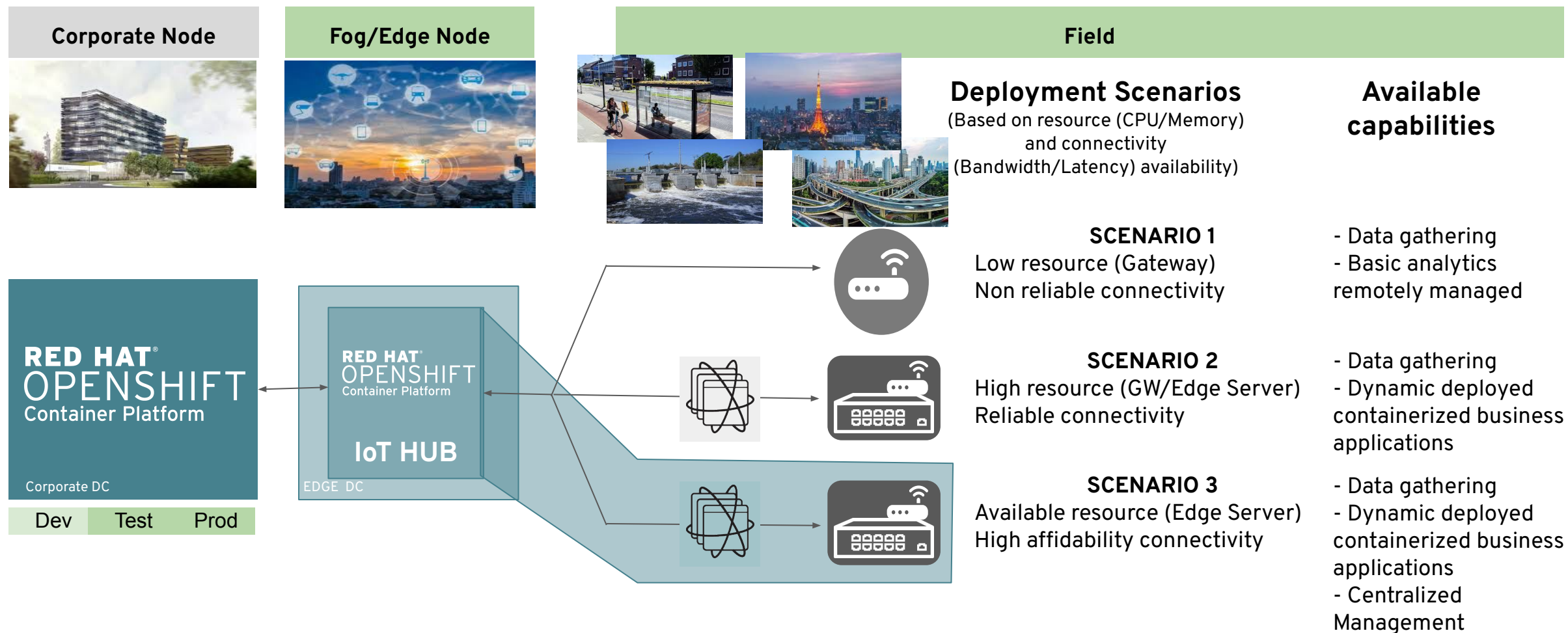


Ecosystem

Partnering with HW and SW vendors to provide solutions to meet customer needs

Multiple EDGEs

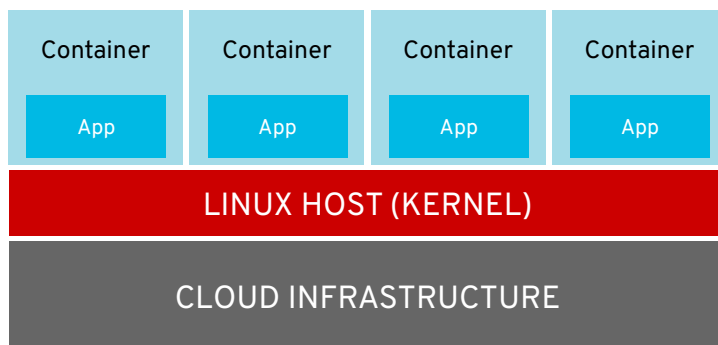
Multiple Deployment Scenarios



What are containers?

CONTAINER BENEFITS FOR MULTIPLE TEAMS

CONTAINERS

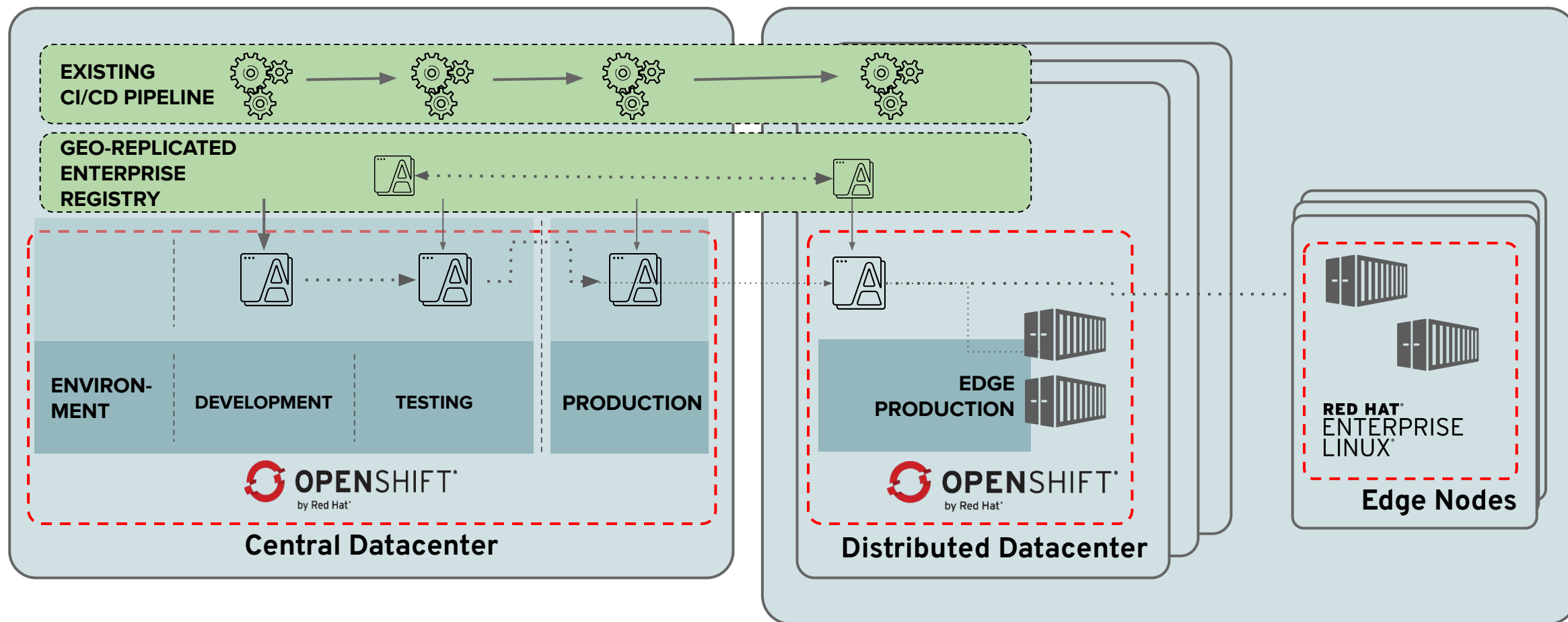


Package all app dependencies
Integrated in Linux OS
Fully Open Source
Secure Isolation of Applications
Eliminates need for VM Hypervisor
Runs on Any Cloud Platform

- Enable efficiency and automation for microservices, but also support traditional applications
- Enable faster and more consistent deployments from Development to Production
- Enable application portability across 4 infrastructure footprints: Physical, Virtual, Private & Public Cloud



Hybrid container deployment up to the Edge - CI/CD through datacenter and their distributed systems



Thank you

Red Hat is the world's leading provider of enterprise open source software solutions. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500.

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