



**Hewlett Packard
Enterprise**



Intel Inside®.
Leistungsstarke Produktivität Outside.

Container als Innovationstreiber

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IT Evolves



Monolith



N-Tier



Microservices



Datacenter



Hosted



Hybrid



Waterfall



Agile



DevOps

Applications

Infrastructures

Processes

Development Process

- Shift to more agile development and deployment processes
- Increased collaboration between Development & Operations
- Move from Continuous Integration to Continuous Deployment



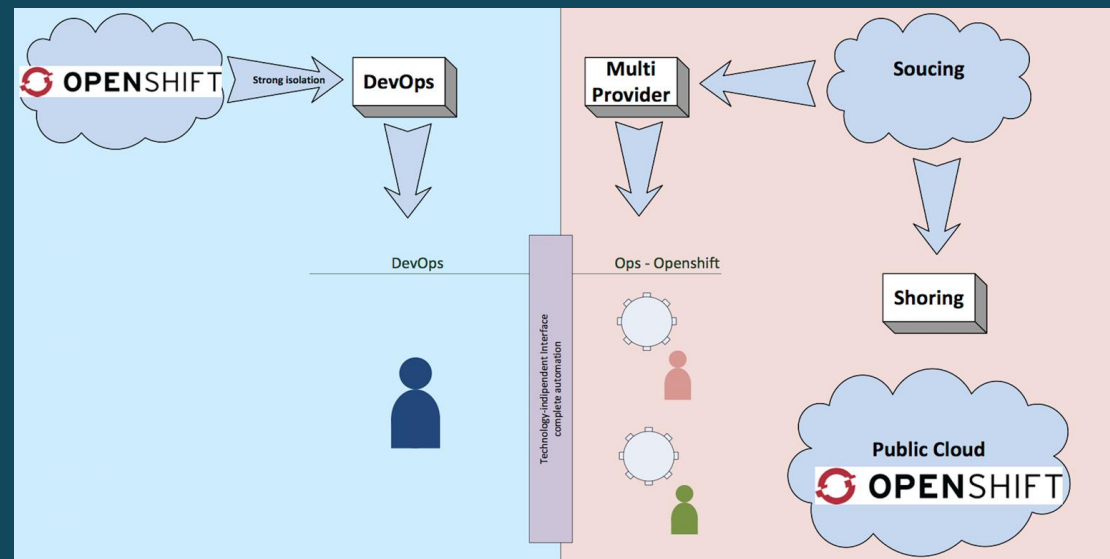
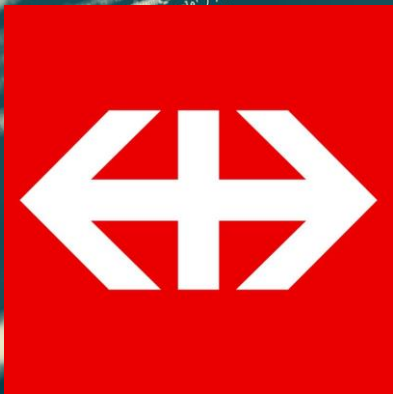
Waterfall



Agile



DevOps



What Are Containers?



It Depends on Who You Ask

Sys-Admins / Ops

- Sandboxed application processes on a shared Linux OS kernel
- Simpler, lighter, and denser than virtual machines
- Portable across different environments

Developers

- Package my application and all of its dependencies
- Deploy to any environment in seconds and enable CI/CD
- Easily access and share containerized components

Containerized Apps
on Docker Hub

900K

Image Pulls
on Docker Hub

12B

Source: DockerCon 2017 Keynote

Container Adoption Rate in Production

35%

Source: RightScale 2017 State of the Cloud Report

Why the Difference?

WE NEED MORE THAN JUST CONTAINERS

Scheduling

Decide where to deploy containers

Security

Control who can do what

Lifecycle and health

Keep containers running despite failures

Scaling

Scale containers up and down

Discovery

Find other containers on the network

Persistence

Survive data beyond container lifecycle

Monitoring

Visibility into running containers

Aggregation

Compose apps from multiple containers

Critical features for both Dev and Ops

Self-service



Standards-based



Multi-language



Web-scale

Automation



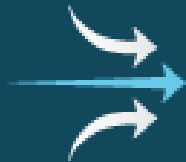
Open Source

Collaboration

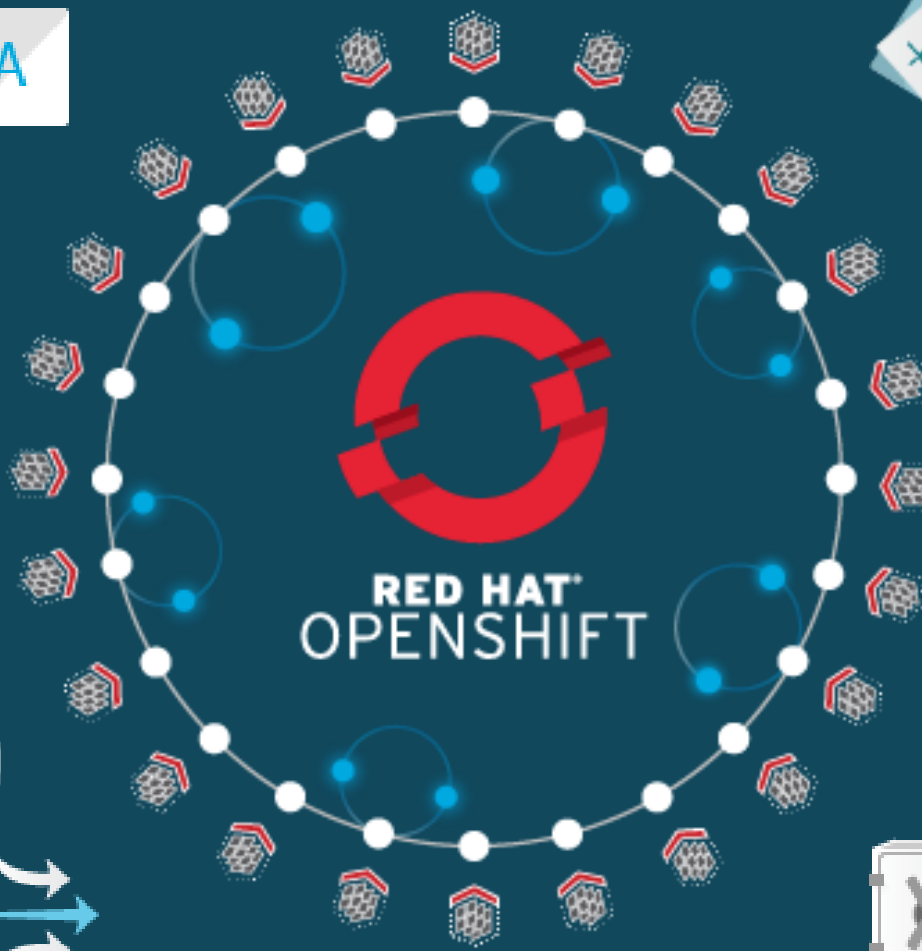


Enterprise Grade

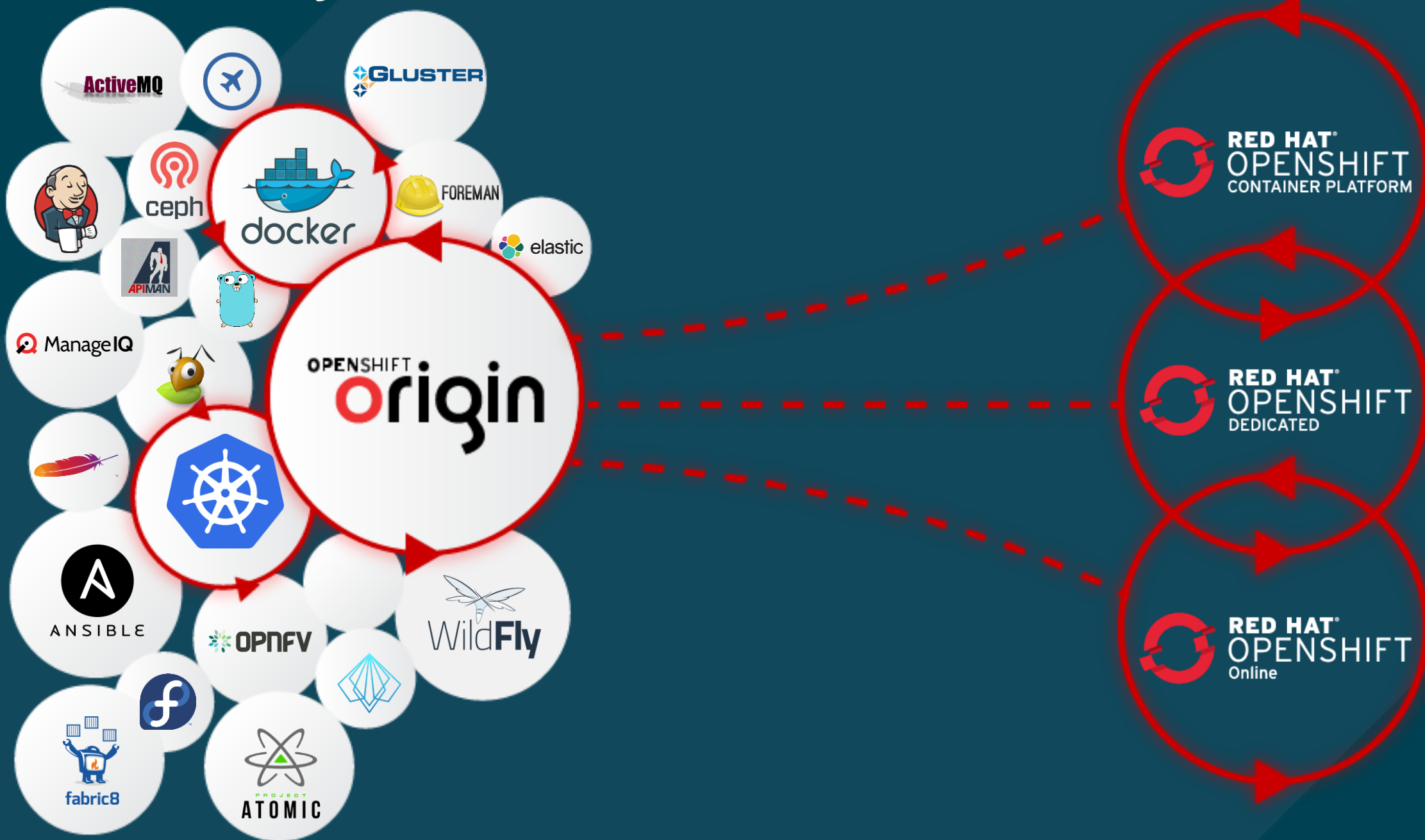
Seamless



Secure

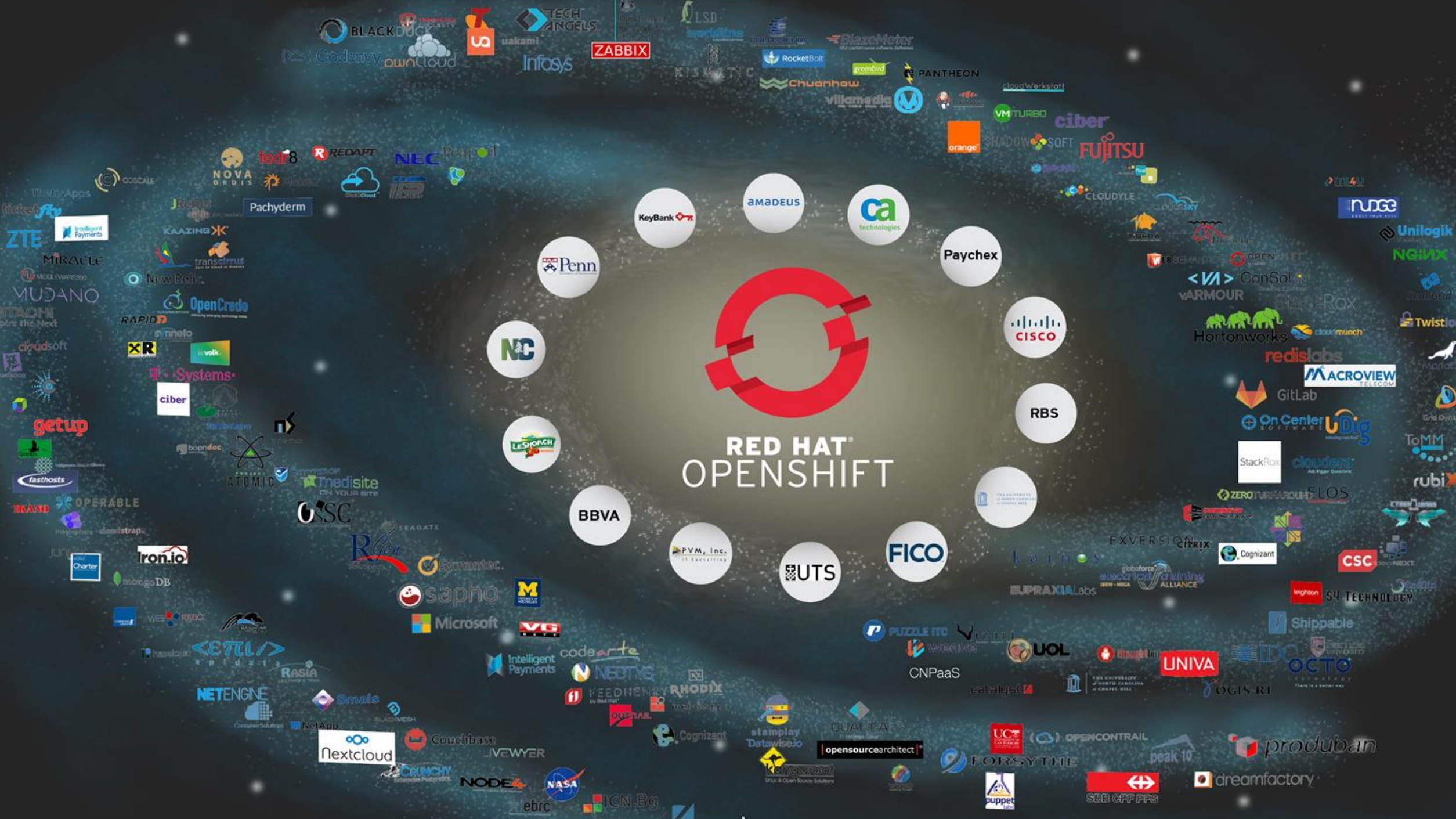


Community Powered Innovation





RED HAT OPENSIFT



Red Hat Open Innovation Labs

MODERNIZE TRADITIONAL APPS

- Extend applications
- Optimize applications
- Scale applications
- Expose to orchestration

INNOVATION ACCELERATED

DEVELOP CONTEMPORARY APPS

- Develop on PaaS environment
- Transform how you design and develop apps
- Adopt lean and agile principles
- Master DevOps practices



COLLABORATION



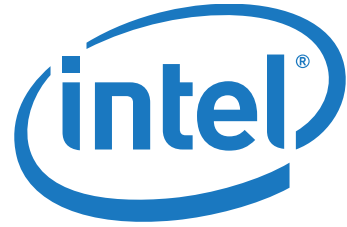
RESIDENCY



COMMUNITY
INCUBATION



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Thank you

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