



Cities on the Edge

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Virtual Building Safer Cities

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Empowerment of individuals is a key part of what makes open source work, since in the end, innovations tend to come from small groups, not from large, structured efforts.

-Tim O'Reilly, founder of O'Reilly media

To be the catalyst in communities of customers, contributors, and partners creating better technology the open source way.

Release early and often

An iterative approach leads to better solutions faster

Transparency

Allows us to build upon each other's ideas and discoveries, make more effective decisions and understand how decisions affect us

Collaboration

Allows us to solve problems that no one can solve alone

Meritocracy

Good ideas can come from anywhere, and the best ideas **should** win

Community

Shared values guide decision making, and community goals supersede individual interests and agendas

Just some of the challenges faced by cities

Air quality

Food

Public transport

Business

Healthcare

Retail

Cycling

Homelessness

Safety & security

Commercial waste

Leisure

Social care

Communications

Light pollution

Traffic congestion

Domestic waste

Noise pollution

Walking

Education

Overcrowding

Waste water

Energy

Poverty

Water quality

Water supply

AI

Machine learning 5G

Cloud-native Containers

Automation Security

Digital transformation

IT/OT Convergence Open source communities

Open organization

Kubernetes Hybrid cloud

DevOps

Innovation

Business goals

Data fueled innovation

Efficiency and speed

Developer velocity

**Put applications
anywhere**



Act with speed and agility
and adapt to the needs of
the business

Operational agility

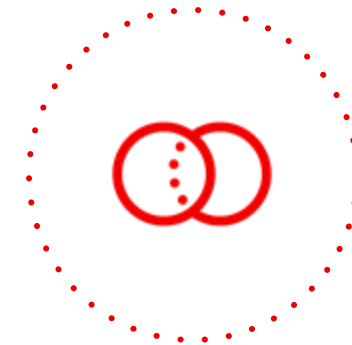
**Eliminate operational
challenges**



Provide new solutions for a
variety of distributed
application environments

Business innovation

**Address new
opportunities**



Drive innovation, increase
productivity, and offer better
products and services

The complexities of edge computing



Scale

Need to manage up to hundreds of thousands nodes and clusters remotely



Interoperability

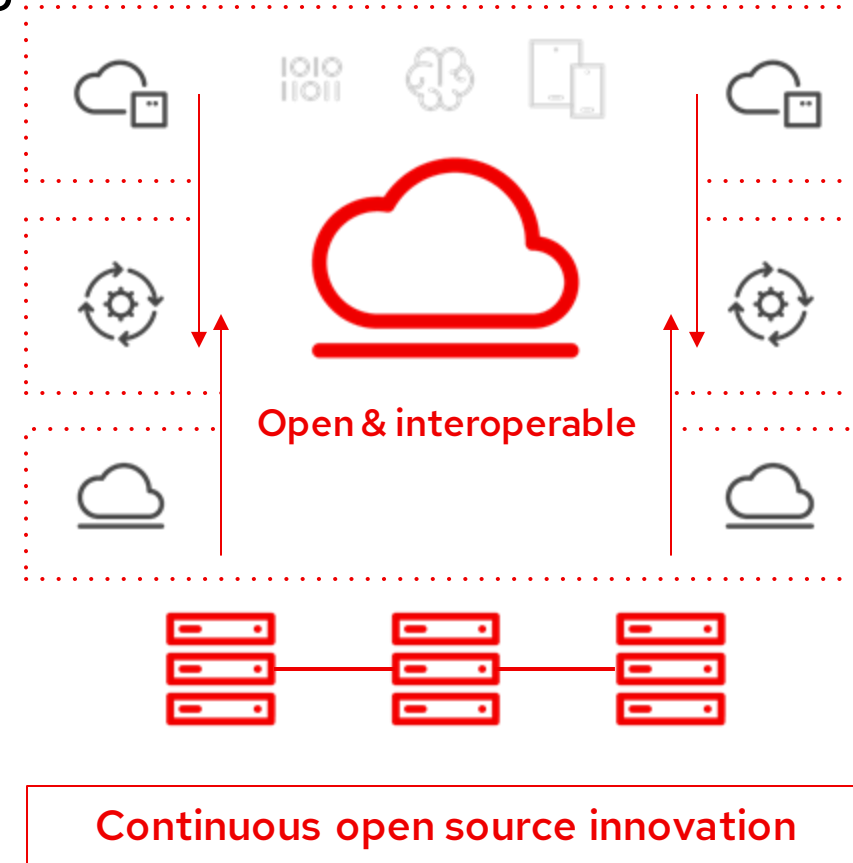
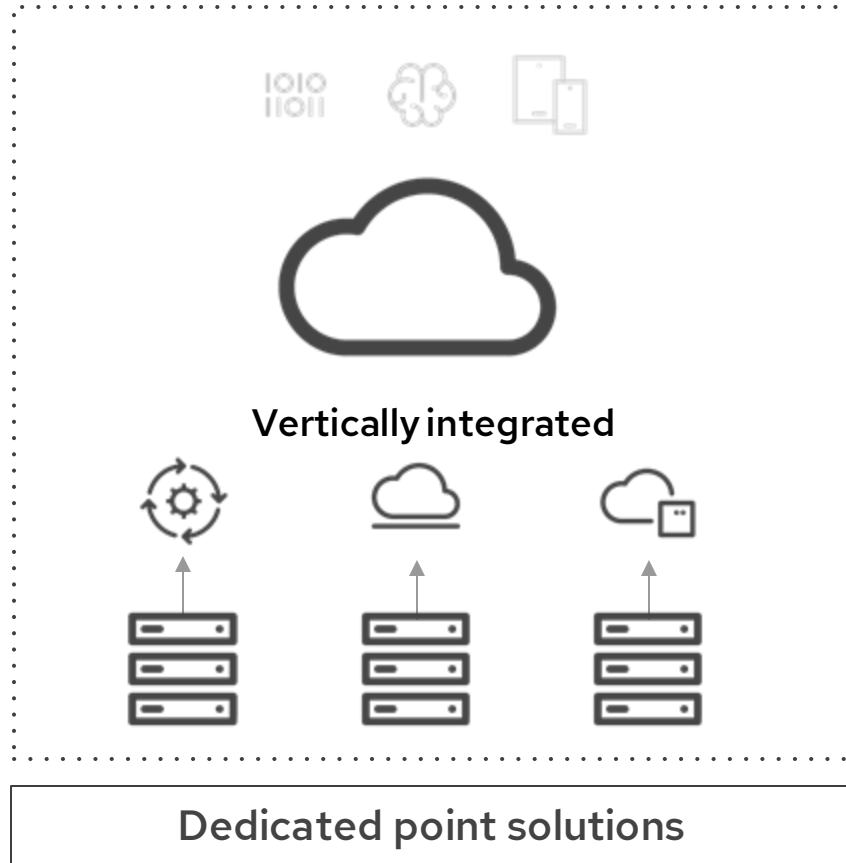
Ensure support for a heterogeneous hardware and software environments



Consistency

Provide a consistent approach for developer and IT operations teams

Every organization faces a decision about how to approach these challenges



We believe Red Hat can help



“If edge computing is going to be a realistic future for enterprise IT, **it needs the hybrid cloud and open source to thrive.**”



Paul Cormier
Red Hat President and CEO

Hybrid cloud provides operational consistency across your architecture—all the way to the edge

Open source harnesses the power of collaboration to drive innovation and interoperability

Red Hat's approach to edge computing



Platforms and portfolio

Powerful building blocks including middleware, storage, and services, with Red Hat OpenShift and RHEL in the heart of all

..... Open source leadership

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



Partner ecosystem

Partnering with hardware and software vendors to provide solutions to meet customer needs

Thank you

Please reach out with questions.

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