

# A foundation for open hybrid and multicloud infrastructure

## Red Hat and Intel open hybrid infrastructure

Gain flexibility and focus on security with infrastructure that is standardized, tested, and supported across OEMs and cloud hyperscalers.

## Adapt to the hybrid and multicloud reality

As it becomes more common to use multiple cloud services or a mix of on-premise and cloud, it is increasingly more difficult to manage many different environments. The level of effort required to move workloads between environments and to maintain the same level of security and compliance across them can be very demanding. When you create consistency across these environments with infrastructure that is software-defined and open source, you begin to simplify your foundation.

## One common architecture

Designed to meet the needs of everyday workloads with the ability to tune and optimize environments for high performance, Red Hat and Intel provide one common architecture that is available on-premise, in cloud environments, and at the network edge. With the help of original equipment manufacturers (OEMs), such as HPE, Dell, Lenovo, Cisco, and SuperMicro, as well as systems integrators (SI) and independent software vendors (ISV), enterprises can build solutions that work for them now and remain open and flexible to adapt to future requirements.

## Benefit from proven and trusted solutions

For over 25 years, Red Hat and Intel have been working together to provide joint solutions. Customers can benefit from cloud-ready network architectures based on industry-standard platforms and open, software-defined infrastructure.

## An ecosystem for digital transformation initiatives

Working with global systems integrators (GSI), SI, and ISV partners, Intel and Red Hat provide advanced software-defined infrastructure and industry-standard platforms that improve datacenter agility and flexibility.

## Use validated solutions for quicker starts

Accelerate time to market with prebuilt reference architectures that provide validated solutions to help make Day 0 planning and scoping work faster.

## Software defined, silicon enhanced

The future of IT is software defined. Most hardware is no longer bespoke or purpose-built. Instead, standard computing platforms are tailored to specific use cases. Intel can tune standard hardware with more than 20,000 software engineers. Together, Red Hat and Intel have optimized solutions for various use cases including telecommunications, databases, and artificial intelligence (AI).

*“Together with Intel, Dell, and Red Hat, we are now filling a gap in the market with the goal of addressing the requirements for cloud solutions to store certain data in-country. This is a big leap forward.”*

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### **Bjørn Ivar Moen**

CEO, Telenor Sweden

#### **Explore solutions:**

Cloud

[A flexible infrastructure for hybrid and multicloud](#)

Edge

[A common infrastructure from core to cloud to edge](#)

5G

[Modernize infrastructure for 5G](#)

AI/ML

[Machine learning reference architecture](#)

Storage

[Container-based storage across clouds](#)

### **Bring compute to the network edge**

Red Hat and Intel provide the building blocks to deploy at the network edge with Red Hat® Enterprise Linux® (with edge management capabilities) or Single Node OpenShift (SNO) deployments on certified Intel powered platforms.

### **Modernize 5G infrastructure**

Red Hat and Intel partner with all the major vendors offering 5G solutions to provide prevalidated, open, and integrated stack options with a cloud-native architecture for accelerated 5G deployment and operations.

### **Scale applications across any cloud**

Red Hat and Intel help you deploy your workloads where and when you need them with the agility and flexibility to move them at any time. Use hybrid and multicloud infrastructures for your datacenter deployments and organize data and storage infrastructure to get the insights needed to maintain control over data.

Deploy Red Hat OpenShift® on every major cloud including Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), and IBM Cloud as a managed service or choose a self-managed option. Managed services are available turnkey and on demand, with 24 x7 support and flexible pricing models available. You can also build and manage your own private cloud deployments.

### **Run ML workloads in standard IT environments**

Data scientists and intelligent application developers gain streamlined capabilities for building, training, and deploying machine learning (ML) models on a managed cloud service platform. This platform architecture encourages AI/ML experimentation and innovation, as well as simplifying integration into intelligent applications.

### **A partnership you can count on**

Read more about how [Red Hat](#) and [Intel](#) collaborate to provide a foundation you can build on. Visit the Red Hat and Intel partnership pages to learn more.

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<sup>1</sup> Telenor press release. [“Telenor Sweden collaborates with technology leaders to test new 5G-Edge digital infrastructure across Sweden”](#) Sept 2022.



#### **About Red Hat**

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with [award-winning](#) support, training, and consulting services.

#### **About Intel**

Intel (Nasdaq: INTC) is an industry leader, creating world-changing technology that enables global progress and enriches lives. Inspired by Moore’s Law, we continuously work to advance the design and manufacturing of semiconductors to help address our customers’ greatest challenges. By embedding intelligence in the cloud, network, edge and every kind of computing device, we unleash the potential of data to transform business and society for the better. To learn more about Intel’s innovations, go to [newsroom.intel.com](#) and [intel.com](#).

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