



Ease your mind... and your budget

Lower TCO with Dell Telecom Infrastructure Blocks for Red Hat

Metrics

The numbers don't lie

Over five years, Dell Telecom Infrastructure Blocks for Red Hat will save telco service providers an estimated:*

\$ 6% in CAPEX
18% in OPEX
12% in TCO
301% ROI
on combined 5G Core and RAN infrastructure

6 months
server deployment time

50-80%
in developer time
for Day 2 operations

\$16.72 million
in total power and
cooling costs

* ACG Research: [Examining the Impact on Total Cost of Ownership when Deploying Telecom Infrastructure Blocks for Red Hat from Core to RAN](#)

Challenge

A high-cost industry needs an innovative solution

The telecommunications industry can be costly: low margins, complex systems, infrastructure that's only getting more dense as technology advances. As a telco service provider, you need a solution that will keep your costs as low as possible while freeing your team to innovate new services that grow revenue.

Solution

We've done the heavy lifting for you

Dell Telecom Infrastructure Blocks for Red Hat is an optimized, scalable, and flexible solution that enables you to build and expand your cloud-native network – from the datacenter to the edge of the network. It's pre-tested, -validated, and -integrated, enabling faster deployment and minimizing the potential for manual configuration errors.

In addition, through the state-of-the-art Dell Open Telecom Ecosystem Lab, engineers with decades of telco experience will work with you to identify the specific test processes needed to validate the hardware, cloud software, and cloud-native function configurations you need. Our solution also integrates with Continuous Integration/Continuous Delivery pipeline processes using industry-standard or commonly used DevSecOps tools, providing visibility, collaboration, and control throughout validation and deployment.

Benefits

Wide-ranging benefits

Dell Telecom Infrastructure Blocks for Red Hat helps you keep expenses down and grow profits.

- Break down technology silos, automate processes, and lessen the amount of upfront configuration and testing.
- Reduce time and money spent designing, deploying, and maintaining cloud infrastructure.
- Focus your team's time and effort on developing services that generate revenue.
- Lower energy usage and emissions.

Move forward with confidence

Questions? Ready to get started? Contact us today chart a custom course that makes sense for your business.

CONTACT US

Full ease ahead with Red Hat, Dell Technologies, and ePlus

Dell Telecom Infrastructure Blocks for Red Hat is a set of optimized foundational building blocks designed specifically to enable telecom service providers to build and expand their cloud-native network—from the datacenter to the edge of the network. This pre-tested, -validated, and -integrated solution has been purpose-built to streamline the design, deployment, and lifecycle management of telco cloud network infrastructures. Add in expert guidance from ePlus, and you've smoothed your path to network reliability and performance.

With state-of-the-art technology, 24/7/365 carrier-grade support, and integrated and automated design, service providers can lower TCO and raise ROI, speed time to market, and free their teams to innovate.

It's a comprehensive, cloud-native telco network infrastructure solution brought to you by the experienced names you know and trust: Red Hat, Dell, and ePlus.

