

Lighter footprint, happier planet

Meet your sustainability goals 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 telecommunications service providers an estimated:*

\$ \$16.72 million
in total power and cooling (USA)

🕒 98,212 MT
of CO2

⚡ 138,583,333
kilowatt hours

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

Challenge

The clock is ticking on sustainability

According to industry association GSMA, telecommunication companies accounted for 1.3% of global electricity use and about 0.3% of global greenhouse emissions in 2022. Many telco service providers have set a goal of achieving net zero emissions by 2050, and have made significant progress toward that goal.

As a leader in telecommunications, you need solutions that will help you drive down energy usage and emissions, meeting your sustainability goals while still ensuring profitability.

Solution

Efficiency is the key

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. Our solution features highly efficient, telco-grade, Dell Technologies server (Dell PowerEdge servers: R660, R760, XR5610, and XR8000) and 4th-generation Intel® Xeon® Scalable Processors.

Benefits

Wide-ranging benefits

When you migrate your network infrastructure to Dell Telecom Infrastructure Blocks for Red Hat, you'll see immediate results. The solution's Dell servers are powerful and optimized, so you'll need fewer servers overall. Fewer, more powerful servers translates into wide-reaching savings: time, energy usage and costs, 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.

