

Enable Telco Transformation

Dell iDRAC9 v4 helps meet unique requirements for deploying, securing and operating telco networks at the edge.

Key solution benefits

- **Remote deployment:** Edge systems can be delivered, installed and cabled more efficiently, reducing admin time by up to 99.1% after initial setup.¹
- **Streaming telemetry:** Streaming up to 3 million data points per day enables sophisticated analytics to more rapidly predict and remediate server problems for higher availability.
- **Remote power/cooling control:** Remote management enables core admins to monitor, customize and optimize PCIe airflow and temperature, exhaust control, Delta T control and overall airflow consumption.
- **Unified management experience:** System management designed for the edge provides a consistent management experience from the edge to the core to the cloud.
- **Enhanced security:** Firmware is updated based on the initial profile setup for security compliance, while closed-loop automation enables security threat alerting.

To succeed in the era of 5G, you need solutions that enhance business agility and deliver better customer experiences. However, 5G and edge computing have a unique set of considerations, such as limited real estate and highly distributed sites with little or no on-site technical support. And while network virtualization and cloud-native architectures have become increasingly important in telecom, servers have a key role to play in the core as well as the edge. Competitive advantage goes to telcos that can deploy, manage and secure physical hardware simply and cost-effectively.

Security and control to the edge automation

As the concepts of programmable infrastructure move from the core to the network edge, automation becomes an even more critical success factor. The Integrated Dell Remote Access Controller (iDRAC) is a server tool that streamlines and optimizes network resource management with remote deployment, monitoring, updating, troubleshooting and remediation capabilities with full automation support leveraging infrastructure-as-code (IaC) principles. iDRAC plays a critical role in the creation of an automated, self-healing telecommunications network.

The latest version, iDRAC9 v4, delivers powerful new features, designed with the edge in mind. These include comprehensive control, remote deployment and management capabilities that enable edge systems to be deployed, configured and operated more efficiently. It now provides streaming telemetry, enhanced security, additional power/cooling control and a unified management experience from the edge to the core.

Dell iDRAC9 enables streamlined deployment, security and operations at the edge.

[Learn more
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¹ Compared to manual on-site deployment. Source: Dell Technologies internal calculations.