DELLTechnologies

Open Telecom Transformation Program

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Introduction

The telecommunications industry is swiftly evolving. The rapid growth of data demands, the rise of 5G and AI, and increasing consumer expectations have made it imperative for communications service providers (CSPs) to transform their networks to remain competitive or risk being left behind.

It's critical to totally reimagine the way that telecom networks operate. Traditional proprietary, siloed vertically integrated telecom networks are no longer sufficient to meet rising demands for flexibility, scalability, and cost efficiency. Competitive advantage may depend on CSPs' ability to adopt open, disaggregated networks underpinned by cloud-native technologies. Many barriers exist, however, that can hinder progress, from technical debt and organization skillsets to siloed legacy systems.

This vital transformation is an incredible opportunity for CSPs but it's also daunting. The Open Telecom Transformation Program helps CSPs embrace change and evolve their networks by providing a clear strategy, expert implementation, and sustained support that helps them overcome challenges, reduce risk, and accelerate the adoption of modern networks.

This eGuide outlines the four-step Open Telecom Transformation Program designed to help CSPs simplify and modernize their networks.

Step 1:
Advisory Services for Telecom Cloud

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Define Your Transformation Objectives

The first step in network transformation is understanding where you want to go and how to get there. Dell's Advisory Services help CSPs develop a comprehensive blueprint that aligns business objectives with the precise technologies that ensure a seamless transition from your current state to a future-ready network. This includes:
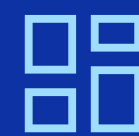
Partnering with CSPs to align cloud-native network transformation goals with business objectives

Conducting comprehensive evaluations of existing infrastructure and operations to identify opportunities for optimization

Delivering tailored recommendations on architecture, operational models, and ecosystem partners to drive long-term growth

Designing a clear roadmap for seamless cloud-native network adoption and strategic alignment

Step 2:
Implementation Services for Telecom Cloud

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Implement with Confidence

Dell's Deployment and Integration Services streamline every aspect of the implementation process from pre-implementation to on-site installation, ensuring your deployments are seamless, secure and scalable. This minimizes disruption to operations, while accelerating time to value. It includes:

Providing architectural and operational support for design implementation

Offering expert guidance while supporting underlying technology and processes

Leveraging a comprehensive partner ecosystem to ensure seamless integration and interoperability with minimal disruption

Step 3:
Support and Adoption Services for Telecom Cloud

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Adopt and Optimize Operations

Ensuring your network's operational efficiency and effectiveness is essential for maximizing ROI. By taking a holistic, automation-driven approach to operations, Dell's support and adoption services help CSPs reduce operating costs, improve uptime, and scale services as needed. CSPs can outsource complex operational demands, freeing up internal resources to focus on growth and innovation. Features include:

Leveraging 24/7 AI-driven proactive maintenance with Dell ProSupport Plus to maximize efficiency in your production environments

Benefiting from Dell-certified specialists offering carrier-grade support tailored to telecom operations

Ensuring seamless operational knowledge transfer through Dell's collaboration with CSPs
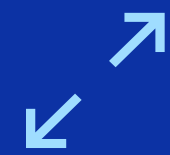
Maintaining network uptime and reliability with expert-driven support and proactive solutions

Step 4:
Managed Services for Telecom Cloud

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Maximize Operational Efficiency

Dell will support and maintain ongoing operations with optional carrier-grade support for network stability and efficiency, allowing you to:

Achieve seamless scalability with Dell Managed Services through multi-cloud orchestration

Gain actionable insights with advanced telemetry aggregation for improved network observability

Optimize operations with cost-effective solutions and automated issue resolution

Enhance operational efficiency tailored specifically for telecom needs

Program Details

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The window is open for CSPs. The initial 5G rollout is wrapping up and the introduction of 6G isn't immediately imminent. It's the perfect time to modernize your network and build your network cloud infrastructure platform.

Telecom transformation isn't optional. It is the way forward. As consumer expectations rise and technology evolves at lightning speed, early adopters gain a decisive edge. By embracing the Open Telecom Transformation Program, you can accelerate your journey, unlock new revenue streams, enhance operational agility, and position your business as a leader in the ever-changing telecom and digital services landscape.

DELL'S SET OF PRODUCTS, PARTNERSHIPS AND CAPABILITIES TO FACILITATE YOUR TRANSFORMATION JOURNEY:

- ✓ A broad portfolio of telecom-optimized servers that support workloads from the data center to the RAN

- ✓ The Telecom Infrastructure Automation Suite, which automates infrastructure management in multivendor CaaS and server environments

- ✓ Telecom Infrastructure Blocks, which combine Dell's PowerEdge servers, cloud platform software from Red Hat, and Telecom Infrastructure Automation Suite into a factory-integrated, engineered system backed by one-call support

- ✓ Our Open Telecom Ecosystem Labs (OTEL), which offer services to validate workloads on Infrastructure Blocks to further streamline design and integration processes

- ✓ Our ecosystem of partners across RAN, Core, Edge and OSS/BSS accelerate and de-risk your transformation.

Key Takeaways

Maximize the value of your modern network

Partnering with Dell lets you leverage our proven expertise in enabling successful telecom cloud transformations. We've completed more than 10,000 transformation projects on a global scale, each tailored to meet our customers' unique needs. Dell understands the complexities and challenges involved, and thanks to our extensive partner network and optimized service and support, we can simplify adoption and maximize the value of your modern network.

Take the Next Step

No matter where you are in your modernization journey, Dell is here to help you achieve your targeted outcomes. Now is the time to take the next step toward transforming your telecom cloud. Let's work together to unlock new opportunities, drive innovation, and achieve sustainable growth.

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