

Dell Design Service for Telco Cloud

Define successful network implementations

Essentials

Design Service for Telco Cloud leverages a collaborative approach to tailor, validate, and enhance 5G infrastructure designs.



- Engage in detailed workshops to outline unique requirements
- Create 5G network designs specific to your environment
- Thoroughly refine, review and validate deliverables
- Improve performance and future-proof implementation

Reimagine your approach to 5G infrastructure adoption

5G network disaggregation is transforming the way you approach the deployment of new cloud infrastructure, accelerating the need to deploy 5G networks in a cost-effective, scalable, and flexible manner. Utilizing an innovative, strategic approach is key to adopt new infrastructure. But, in order to drive effective adoption, seamless integration into your existing network is critical.

Adopting new infrastructure comes with many considerations and requires skillful design to implement solutions in your network without interruption. Expert telco cloud designs and precise dimensioning are important to:

- Inform cost-effective investments and utilize network resources efficiently
- Enhance network performance and ensure high network availability
- Seamlessly evolve 5G infrastructure without major redesign efforts
- Enable networks to withstand future expansion and increased demand

Design solutions built for agility and scale

These are possible with Dell Design Service for Telco Cloud. The service creates scalable designs that enable optimized, reliable network performance and empower you to realize the full potential of Dell's 5G infrastructure. These benefits are specifically tailored to address the unique needs and challenges you're facing in the journey towards network transformation.

Dell takes a collaborative approach to define and outline successful network implementations. You and your team will engage closely in workshops with our highly skilled delivery team, comprised of network design experts with extensive knowledge of telco cloud infrastructure. Our process incorporates your individualized requirements into an optimal network infrastructure design that aligns with your network architecture, topology, and expansion plans and fits precisely into your operational environment.

Through this approach, you can tap into Dell's expertise and work iteratively with our team to develop tailored designs that are comprehensive and achieve the specific objectives you want to drive. During the engagement, you will receive detailed design documentation that consolidates all the gathered requirements,

outlines assumptions, considerations, and recommendations, and presents all the calculations associated with the design and dimensioning effort. Documentation is reviewed, refined, and agreed upon before finalization to ensure designs are optimized for network infrastructure implementations now, and as needs evolve in the future. Our repeatable process provides comprehensive deliverables, facilitates clear communication, streamlines implementation, and simplifies the engagement from strategy through execution.

With Design Service for Telco Cloud, you will embrace:

- Accelerated time-to-value
- Comprehensive outcomes
- Optimized telco cloud designs

Maximize the value of the open ecosystem

Design Service for Telco Cloud empowers you to make informed decisions about 5G network infrastructure. The expertise of our delivery teams, coupled with collaboration and alignment across your team ensures that the resulting network designs are refined for performance and future scale. Through partnership with Dell, you can expect to:

- Follow a structured approach with project management, milestones, and signoffs to ensure a timely delivery of deliverables that are ready for immediate validation and/ or deployment
- Receive detailed design documentation including High-Level Design (HLD), Low-Level Design (LLD), Network Architecture Diagram, Bill of Materials (BOM), and a comprehensive Design and Dimensioning Report
- Prepare to execute network designs that are fine-tuned for peak performance, scalability, and cost-effectiveness



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