

Cisco CX Advanced Services for Non-Terrestrial Networking



Comprehensive NTN and integration expertise to accelerate success at every phase

Cisco CX Advanced Services empowers service providers to effectively plan, design, and operate Non-Terrestrial Networks (NTNs) and seamlessly integrate them with terrestrial infrastructure. Our team of consultants, architects, and engineers brings deep expertise to accelerate technology transformations while minimizing risks. We provide expert guidance throughout the entire journey, from solution planning and design to validation, deployment, and adoption. By helping ensure smooth integration across multidomain and multivendor environments, we enhance your network's flexibility, reliability, and scalability.

Our comprehensive NTN expertise spans the complete technology stack, from multiorbit satellite constellations and ground segment infrastructure to core network integration and service orchestration platforms. Whether you're deploying Low Earth Orbit (LEO), Medium Earth Orbit (MEO), or Geostationary Orbit (GEO) satellite networks, our specialists understand the unique challenges of each orbital environment and provide tailored solutions that optimize coverage, capacity, and latency for your specific use cases.

Key engagement areas include:

- **Network architecture and design:** Multidomain network blueprints optimized for satellite-terrestrial convergence.
- **Integration strategy:** Seamless connectivity solutions across diverse vendor ecosystems and legacy infrastructure.
- **Performance optimization:** Advanced tuning for latency-sensitive applications and dynamic traffic management.
- **Operational readiness:** Knowledge transfer and training programs to build internal NTN management capabilities.

This comprehensive support delivers faster business outcomes and enables continuous innovation in even the most complex network ecosystems.

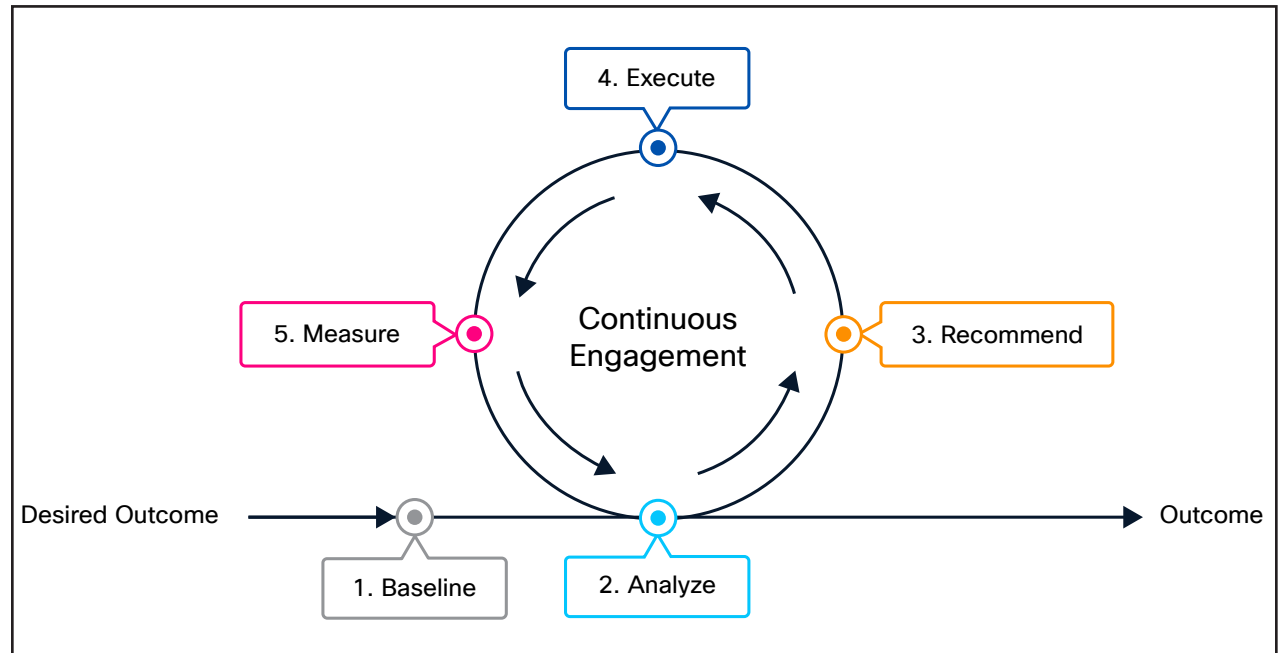


Figure 1. Cisco CX 5-step customer engagement process

Benefits

Accelerate your Non-Terrestrial Network (NTN) deployments and minimize integration risks with industry-leading satellite and terrestrial network integration expertise. Our specialists help you rapidly transform complex multidomain architectures into operational networks while maximizing the Return On Investment (ROI) for your non-terrestrial infrastructure investments.

Key benefits of leveraging Cisco® CX Advanced Services for Non-Terrestrial Networking:

- **Accelerates time-to-market for NTN deployments:** Expert consultants, architects, and engineers guide you through solution planning and design phases, reducing project timelines and enabling faster revenue generation from new satellite and aerial network services.
- **Minimizes integration risks across complex multivendor environments:** Comprehensive validation and deployment expertise helps ensure seamless connectivity between terrestrial and non-terrestrial infrastructure, preventing costly network failures and service disruptions.
- **Enhances network scalability and operational flexibility:** Strategic design guidance optimizes your NTN architecture to accommodate future growth and technology evolution, enabling dynamic service provisioning across hybrid terrestrial-satellite networks.
- **Reduces operational complexity through expert knowledge transfer:** End-to-end support from deployment through adoption phases builds internal capabilities, empowering your teams to confidently manage sophisticated multidomain network operations.
- **Delivers measurable business outcomes faster:** Proven methodologies and deep NTN expertise translate technical implementations into tangible results, accelerating ROI on satellite network investments and enabling continuous service innovation.

Why Cisco CX Advanced Services for NTN?

Cisco Customer Experience (CX) Services provides a structured methodology to plan, design, and optimize network infrastructure by collaborating with your team to gather comprehensive business, technical, and operational requirements, developing high- and low-level architecture designs aligned with best practices and creating detailed implementation plans to support deployment and testing.

Post-deployment, Cisco offers expert tuning, optimization, knowledge transfer, and ongoing support to help ensure peak performance and assurance.

Cisco CX Advanced Services delivers the industry's leading combination of AI-enabled digital insights and specialized human intelligence for NTN deployments. We offer the

deepest and broadest NTN service portfolio, encompassing satellite network planning, terrestrial-NTN integration, multidomain orchestration, and seamless adoption services across hybrid network environments.

Our NTN capabilities are built on:

- **People:** Experienced network architects and engineers with expertise in network planning, design integration, and hybrid network operations, providing support across all deployment phases.
- **Process:** Battle-tested methodologies specifically developed for NTN planning, design validation, and complex multivendor integration scenarios that reduce deployment risks and accelerate time-to-service.
- **Tools:** Advanced automation suite with NTN-specific analytics that provide real-time insights into satellite network performance, terrestrial integration points, and multidomain service orchestration.

Learn more

Partner with Cisco CX Advanced Services to transform your NTN vision into a competitive advantage. Let our proven expertise guide you from initial planning through ongoing optimization, helping you ensure that your integrated satellite and terrestrial networks deliver exceptional performance and accelerated business value.

For more information on Cisco CX Advanced Services, please visit <https://www.cisco.com/site/us/en/services/professional/index.html>.

For more information on Cisco NTN, please visit www.cisco.com/go/NTN.

To schedule a demonstration of the Cisco Non-Terrestrial Networking Solution with CX, contact your Cisco sales representative.

