

Professional Services for Telco Cloud Platform 5G

Build and enable your next-generation platform

At a glance

Leverage our expertise to design, implement, and fine tune your VNF and CNF telco infrastructure.

Key benefits

- Workshops to understand and tailor the solution to your specific requirement and needs
- Design of your Telco Cloud environment following best practices
- Deploy the required software components, including Kubernetes-based Tanzu environment to enable a hybrid VNF / CNF environment
- Configuration of your environment to enable orchestration and automation as required

VMware Telco Cloud Platform – 5G Edition is powered by field-proven compute and networking coupled with VMware Telco Cloud Automation and a telco-grade Kubernetes distribution. VMware empowers CSPs to rapidly deploy and efficiently operate multi-vendor CNFs and VNFs with agility and scalability across 5G networks.

We enable you to deploy both CNFs and VNFs on a consistent horizontal infrastructure and provide enhanced networking between these network functions. Our team will help design and deploy a platform that offers high performance and scalability.

Through the use of CaaS functionality, we simplify the operation of Kubernetes for multi-cloud deployments by centralizing management and governance for clusters. We help with telco-grade CaaS enhancements, enabling CSPs to take advantage of a telco-grade Kubernetes platform to address emerging 5G use cases.

Service overview

VMware Professional Services offer services to deploy all of the infrastructure and operations components of this solution. On top this we offer design and deploy services to define, configure, rollout, and tune your Telco Cloud Infrastructure environment:

Service	Description
Design Telco Cloud Automation	Design VMware Telco Cloud Automation according to VMware design guidelines and recommended practices that is customized in a series of design workshops to tailor the design for the Customer environment.
Deploy Telco Cloud Automation	Deployment of Telco Cloud Automation solution for a simplified vendor-neutral and standard-compliant approach for designing and onboarding network functions or services. The service includes technology deployment, validation, and knowledge transfer.

Learn more

Visit vmware.com/services.

Deploy Tanzu Kubernetes Grid for Container Management	Deployment of VMware Tanzu Kubernetes Grid to help Customer create a Private Cloud environment for provisioning Kubernetes clusters.
Leverage Telco Cloud Automation to deploy Telco Cloud Platform TKG	Utilize the functionality of Telco Cloud Automation to deploy a TKG-based Telco Cloud Platform which can be used to onboard network functions or services.

In addition, VMware Professional Services offers customized services as needed to ensure a smooth transition to a CNF-based environment, including further design and integration for your CNF environment.

Benefits

VMware Professional Services has the experience, best practices, and proven methodologies to make your transition to software-defined networks smooth and effective. Our broad expertise and deep knowledge of VMware technology can help reduce risk and complexity. Our holistic approach helps you minimize business disruption, and our proven methodology ensures predictable outcomes that maximize productivity during periods of technology change. Our services can enable you to:

- Optimize resource utilization by efficiently distributing network services
- Make changes to virtual networks in minutes rather than days or weeks
- Achieve greater operational efficiency by automating manual change processes
- Place and move workloads independently of physical topology
- Enable every workload to have its own security policies and firewalls
- Extend network security across sites and clouds with consistent security policies and operations