

Professional Services for Communications Service Providers

Delivering any app on any cloud anywhere

AT A GLANCE

Leverage our experts to help you achieve web-scale speed and agility while maintaining carrier-grade performance, reliability, and quality.

KEY BENEFITS

- Deliver any application on any cloud anywhere – from the core and the RAN, the edge and the cloud.
- Increase business agility and operational efficiency with software defined data centers and hybrid cloud.
- Deliver on-demand, customizable services with a unified telco cloud.
- Improve customer experiences and increase revenue by expanding your services portfolio.
- VMware helps CSPs build, operate, monetize, and protect their telco infrastructure.

Business challenge

The digital era provides an incredible opportunity for service providers looking to reinvent their customer relationships and establish a new role in the digital ecosystem. However, these opportunities are met with significant market and operational challenges.

Moving to 5G opens new business opportunities for Communication Service Provider (CSPs), but the complex, siloed architecture of CSPs' existing networks stands in the way of rapid innovation and operational agility, hampering the digital transformation.

To achieve web-scale speed and agility while maintaining carrier-grade performance, reliability, and quality, CSPs need a platform that combines telco-specific cloud-native solutions and cloud-first automation with consistent infrastructure. VMware's professional service team is uniquely positioned to help you design, deploy, and operate a cloud-first network.

Service overview

VMware Professional Services can help you adopt the people, processes, and technology to effectively establish an open, disaggregated, and vendor-agnostic ecosystem so that you can streamline 5G service delivery from design to lifecycle management automation. All while creating a unified, developer-friendly architecture with key capabilities for resource optimization, operational consistency, multi-cloud mobility, and multi-layer automation.

Planning and Design

VMware's professional services team will help you start your telco transformation through in-depth planning and design with VMware doing the work where necessary and guiding when your team feels it has the knowledge to do it on their own.

It all starts upfront with planning and design. VMware's team will help you build a business case based on your short- and long-term corporate goals. Once the business case is complete, our professionals will create a strategy for transforming your network. Our goal is to help you move fast to stay ahead of an ever-changing market, but not move so fast that your daily operations are interrupted. We will help create the perfect balance based on hundreds of hours of experience with telco transformations.

To be sure your network can scale and so that you can deploy new services and in new markets quickly, our team will help determine an automation strategy, assess end-to-end deployment and automation requirements, assist with site planning, do GAP analysis, create an integration plan, and create a roadmap to help keep everyone aligned on this transformation journey.

Our team will then help you plan for the day-to-day operations of your new network. For daily operations planning, our team will assess current operations, identify GAPs, establish use cases, help set KPIs and objectives, and finalize an operations roadmap.

LEARN MORE

Visit vmware.com/services.

FOR MORE INFORMATION

Contact a VMware Professional Services expert at vmware.com/company/contact.html.

Our overall goal is to align business objectives and develop a transformation strategy roadmap, business case (TCO/ROI) including people, process, and technology by assessing infrastructure and operational readiness.

Deployment and Integration (Implement/Build)

After careful planning, we will walk you through deployment and integration. Our team brings a wide range of expertise to bear to help you avoid any roadblocks and detours with your rollout.

Based on the roadmap and strategy laid out in the planning sessions, VMware professionals will help implement the best infrastructure to help you fulfill the vision of delivering an application on any cloud anywhere.

Once the infrastructure is in place, our team will help with the deployment and validation of your automation plan through design, automation, and an in-depth knowledge transfer.

To help you track that the network is operating efficiently we will install TCO Reporting, Admin UI, and Design & implement Data Collectors. We will set up best-practices configurations and validate the implementation. To round out deployment, our team will create CI/CD to automate certification, validation, performance, and interoperability testing and to automate rollout.

Operate and Expansion

Once deployment is complete, VMware's Professional Services team helps transition and prepare you for day-to-day operation. Our engineers will help align organizations and processes to enable automation, integration, and service delivery. In addition, we will help onboard NVF/CNF to the telco cloud for easy expansion and upgrades.

To keep the network running smoothly, we will set up a policy-based automated release, configuration management, and workload placement. To give you visibility and keep things running smoothly we develop custom reports and dashboards.

Review and Optimization

To help with ongoing improvements, our team will help perform reviews and continually help you to optimize your network. Our goal is to help you get maximum return on your investment and help you extend the reach of your cloud network.

We do this by helping to integrate all systems to OSS/BSS and other internal systems. Our team can help plan for capacity and performance infrastructure health checks, VNF troubleshooting, design review, capacity planning, and reporting. To be sure your investments are working, we can integrate TCO with NOC and operations frameworks. Much of this is achieved using custom probe development to create closed-loop automation with allowing for streamlined deployment and scalability.

Benefits

As service providers transform into digital service providers, they must find partners with philosophies that align with their own. Building software-driven, cloud-empowered, multi-vendor-ready, innovation-enabling environments are much more easily done with partners with roots in those areas. VMware brings over 20 years of virtualization excellence and software expertise to every customer project. With an intimate understanding of multi-cloud environments, VMware has experience thriving in a software-first economy and understands how to build value-added digital services. Service providers value VMware's proven track record of delivering digital technologies to accelerate IT and network operations. Our team of experts are ready to work with you to help you thrive through this digital transformation.