

Our portfolio segments

Network Solutions



multi-vendor, end-to-end & realizing the value of automation

- Network Planning & Design
- Network Rollout
- Network Optimization
- Network Operations & Support
- Energy Efficiency

Open Networks



integrated, high performing & realizing the value of open networks

- Open RAN Lab
- Research & Development
- Integration & Verification
- Telco Cloud & Orchestration**
- Private Networks

Consulting



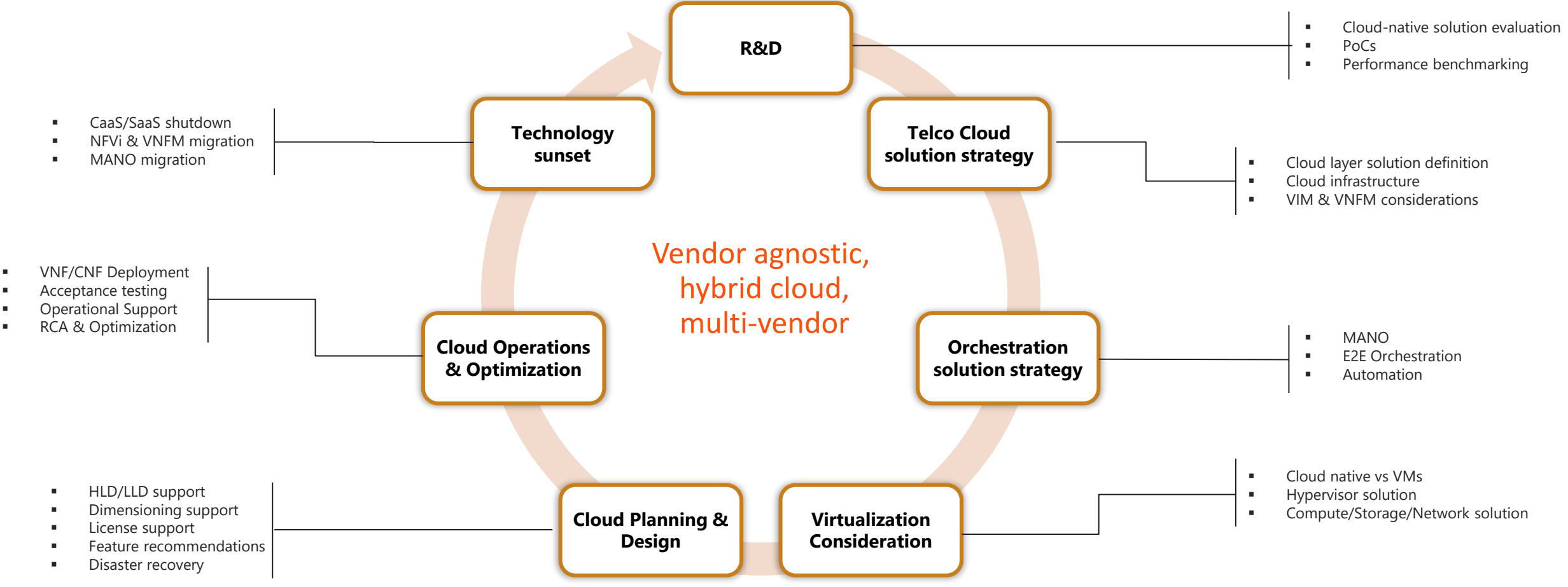
independent, business-aligned & realizing the value of your network

- Technology Strategy
- Procurement Strategy
- Capex Optimization
- New Technology Introduction
- Operational Efficiency

Perfecting fixed & mobile networks with Aspire Automation Platform and AI-powered applications

Aspire Cloud Solutions

Consulting, Cloud Solutions, Managed Services



Support throughout entire Network Lifecycle

Telco Cloud & Orchestration Service Portfolio

Our **mission** is assisting customers to build modern, next-generation Cloud networks and Cloud services achieving high ROI and short TTM, whilst continuously pushing through technology barriers towards innovation.

Embark on a journey of Cloudification

Build reliable, optimal and scalable Cloud network

What do we offer?

Multi-system, multi-vendor environment excellence

Consulting services

Next-generation Cloud solutions

- Trials & studies in Telco Cloud domain on preferred 5G use-cases
- Benchmarking & evaluation of desired next-gen Cloud-Native solutions

Telco Cloud & Orchestration strategy

- Definition of Telco Cloud & Orchestration evolution strategy
- RFP process support & Vendor selection

Cloud operational efficiency

- Operational transformation via CI/CD pipelines & automation tools
- Cloud Edge platforms

Network Solution services

Cloud Support & Design Planning

- Cloud/NFVi Design planning & capacity support – Day 0
- Cloud operation management – Day1 <-> Day2

Cloud & Orchestration optimization

- Performance evaluation across all layers - HW/NFVi/xNF/MANO
- Automation of onboarding processes & auto-scaling via OSM & ONAP

Cloud platform Integration & Migration

- New Cloud platform & service integration with existing network assets
- Service migration between different Cloud solutions

Service Modules

Consultancy services
Network Solution services

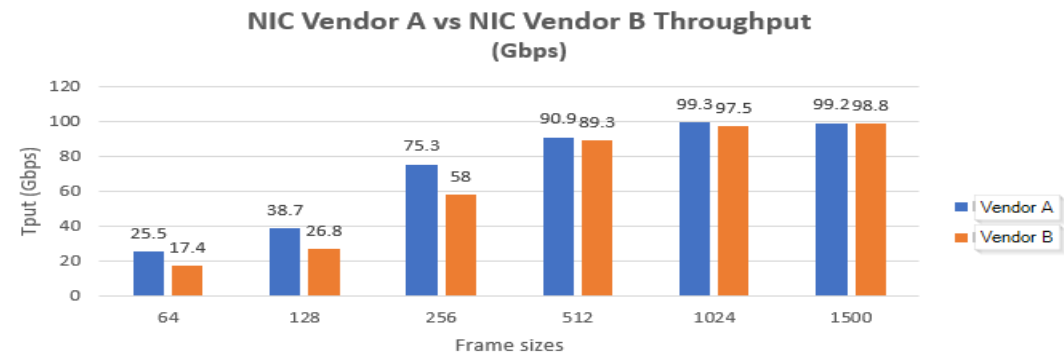
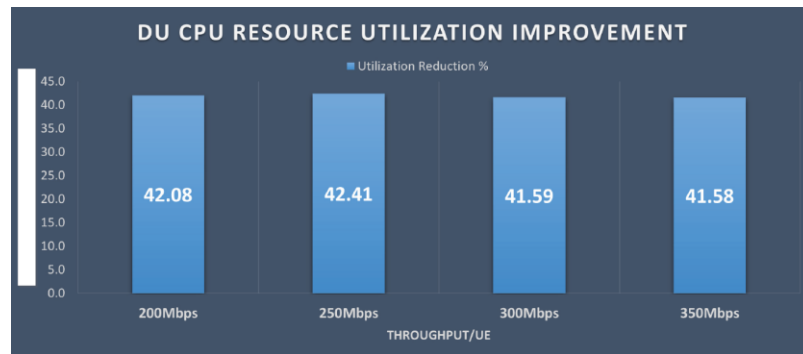
Consulting – Next Generation Cloud Solutions

Are you in the phase of:

- ◆ Researching future 5G use-cases based on next-gen Cloud native technologies and require support from industry experts to achieve your business targets
- ◆ Doing studies on performance and efficiency of chosen next-gen Cloud-native solutions but need help building and testing the environment

Prepare for Network Cloudification

Aspire is doing 5G studies and trials with several Tier 1 Operators, Hardware manufacturers and Cloud vendors globally on next-gen Cloud Native solutions which are based on industry leading open-source and proprietary Cloud platforms.



Questions we help you get clarified:

- ◆ How efficient are chosen next-gen Cloud-Native solutions and what are performance differences based on target KPIs
- ◆ What are the ways to maximize the utilization of Hardware infrastructure to increase Cloud performance
- ◆ Are there any Performance gains of elected virtualization technologies for HW/SW acceleration techniques in specific Cloud solution and/or 5G Telco workloads
- ◆ How to increase efficiency of your Cloud solutions and lower power consumption
- ◆ How different Hardware Infrastructure performs in desired 5G Open RAN and 5G Core use-cases

Consulting – Telco Cloud & Orchestration strategy

Are you in the phase of:

- ◆ Network Cloudification but struggling to define the winning Cloud-native strategy aligned with your business needs
- ◆ RFP process and want to involve experienced consultants to aid you in process definition, verification and Cloud Vendor selection

Your needs are our only priority!

- ◆ We are supporting our clients to define winning Cloud Strategy in line with the existing network assets, with no bias to any Cloud Vendor solution.
- ◆ Our team of consultants is available to audit & analyze your current Cloud solution, assess the requirements for future business case and help you choose the right technology
- ◆ We have a track record of providing support to Tier 2 and Tier 3 operators for the definition and refinement of RFP documents , assessment of RFP responses and Vendor grading.

Solution key requirements

Draft & Issue RFP

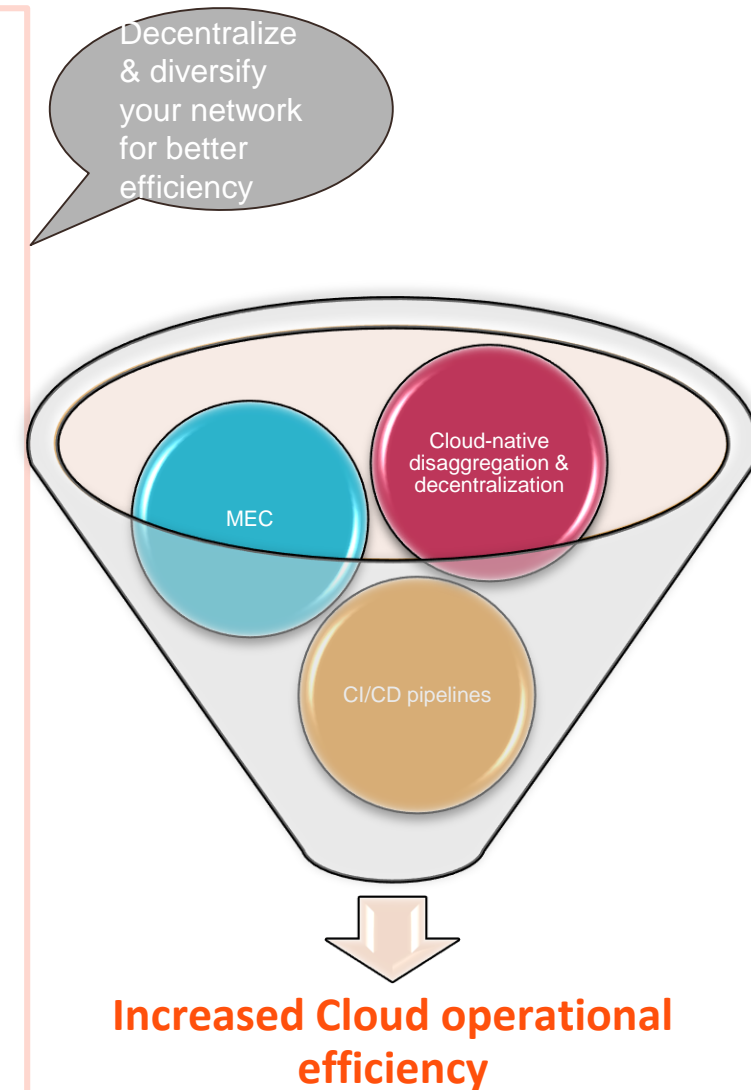
RFP response assessment

Select winner



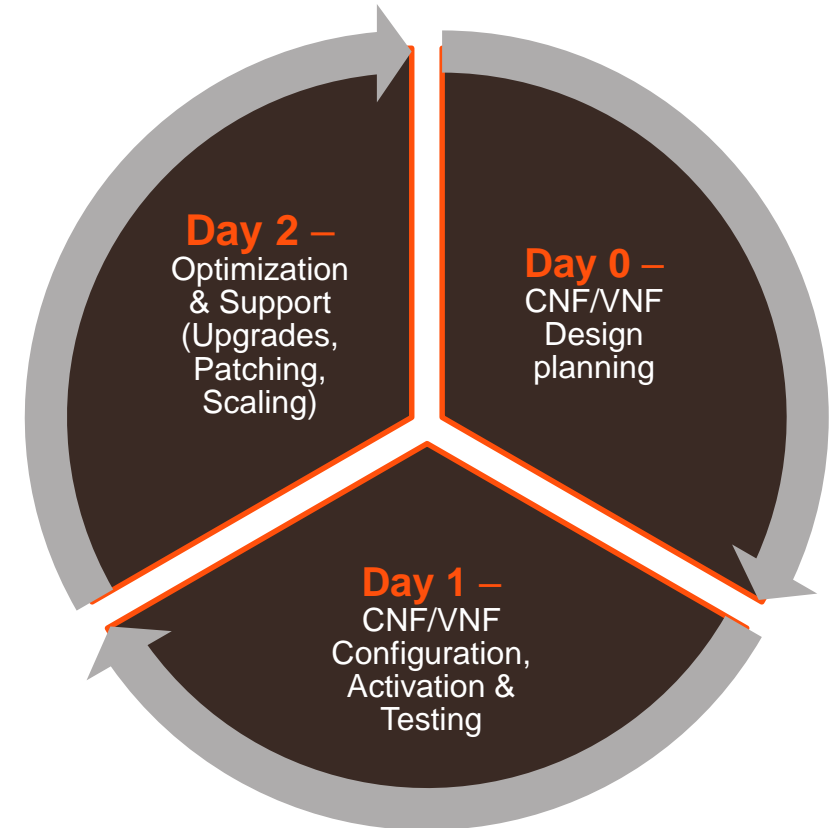
Consulting – Cloud operational efficiency

- ◆ Adopting cloud-native disaggregation is not just about the open interfaces but also “best of breed” approach and vendor diversification that leads to more efficient Cloud network, tailored to your business needs.
- ◆ At Aspire, we support our clients in creating more opened and diversified Cloud networks, avoiding vendor lock-in. Aspire is active member of O-RAN alliance, contributing to the Work Group 6 in defining Open industry standards.
- ◆ MEC deployment allows for network decentralization which reduces the midhaul and backhaul bandwidth utilization making your network more efficient.
- ◆ **With our multi-vendor, multi-domain expertise, we help our customers bring their network closer to the user.**
- ◆ Having Automated Orchestration layer improves network management and provides faster, more agile service deployment where need exists - Automation and CI/CD pipelines definition
- ◆ Our Cloud experts can drive you in adopting CI/CD approach and design automation process for auto-scaling and onboarding procedures which provides faster TTM and higher ROI of your service.



Network Services – Cloud Support & Design Planning

- ◆ **We are here to support our clients from Day 0!**
- ◆ Aspire has a track record in supporting Tier 1 Operators throughout the entire Cloud Network lifecycle in multi-vendor, multi-system environments
↓
- ◆ **With Aspire you can reduce Network OpEx** by consolidating multiple vendor contracts and adopting multi-systems SLAs
- ◆ Struggling to keep track of multi-vendor Cloud design or simply require assistance in Cloud Design Planning
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- ◆ **Aspire provides Support in Cloud solution design, HLD/LLD document build up, Capacity & License evaluation, features recommendation**



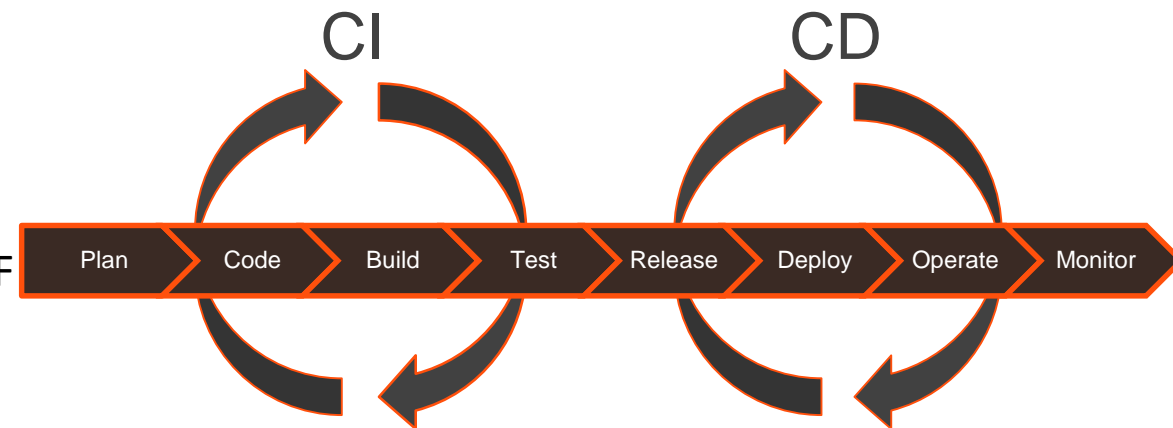
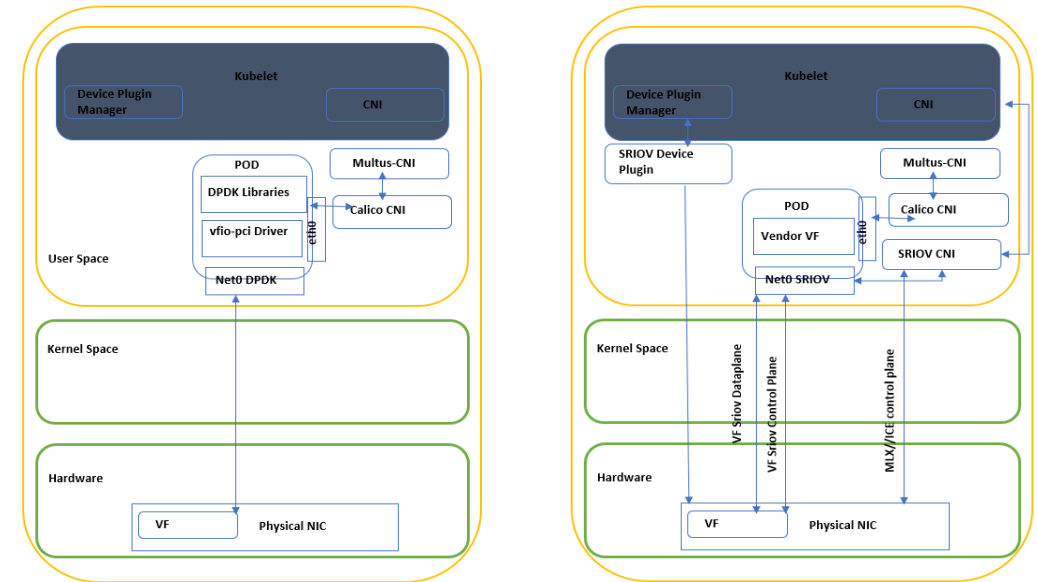
Simplify your Cloud network every step of the way!



Network Services – Cloud & Orchestration Optimization

- ◆ Our team of Cloud experts can **assess** your current Cloud Solution & **improve** processing performance of CNF/VNF Telco workloads by optimizing Application interactions with Cloud and Hardware infrastructure.
- ◆ Aspire has been successfully optimizing **Cloud performance** leveraging on different SW/HW acceleration virtualization technologies & SmartNIC features, based on Telco workloads and customer business case.
- ◆ **Lower Service TTM and Higher ROI** - We are supporting our clients in adopting CI/CD approach leveraging on the automation scripts tailored to your network for faster VNF/CNF onboarding & auto-scaling processes through OSM and ONAP platforms

Cloud vertical stack design layout



Network Services – Cloud Integration & Migration

Are you at the stage of:

- ◆ Migrating your CNF/VNF applications from one Cloud platform to another
- ◆ Integrating new Cloud platform within existing Cloud and Orchestration network
- ◆ Migrating from old to new COTS Hardware for hosting your existing CNF/VNF applications and Cloud solution

Integrate
Cloud
services
reliably

- ◆ Interworking between different platforms is usually a complex task that requires careful design and high communication between different teams across multiple domains and Cloud platforms.
- ◆ Integrating new Cloud platform into existing network requires a full suite of Functional Acceptance testing covering all stack layers – Infrastructure, Cloud and Application which are usually covered by different teams or even vendors
- ◆ With Aspire team of Cloud experts & consultants you are acquiring all-in-one & in-house service with multi-vendor/multi-domain expertise & extensive experience in Integrating and Migrating Cloud service

