

NFVOps Orchestration Framework



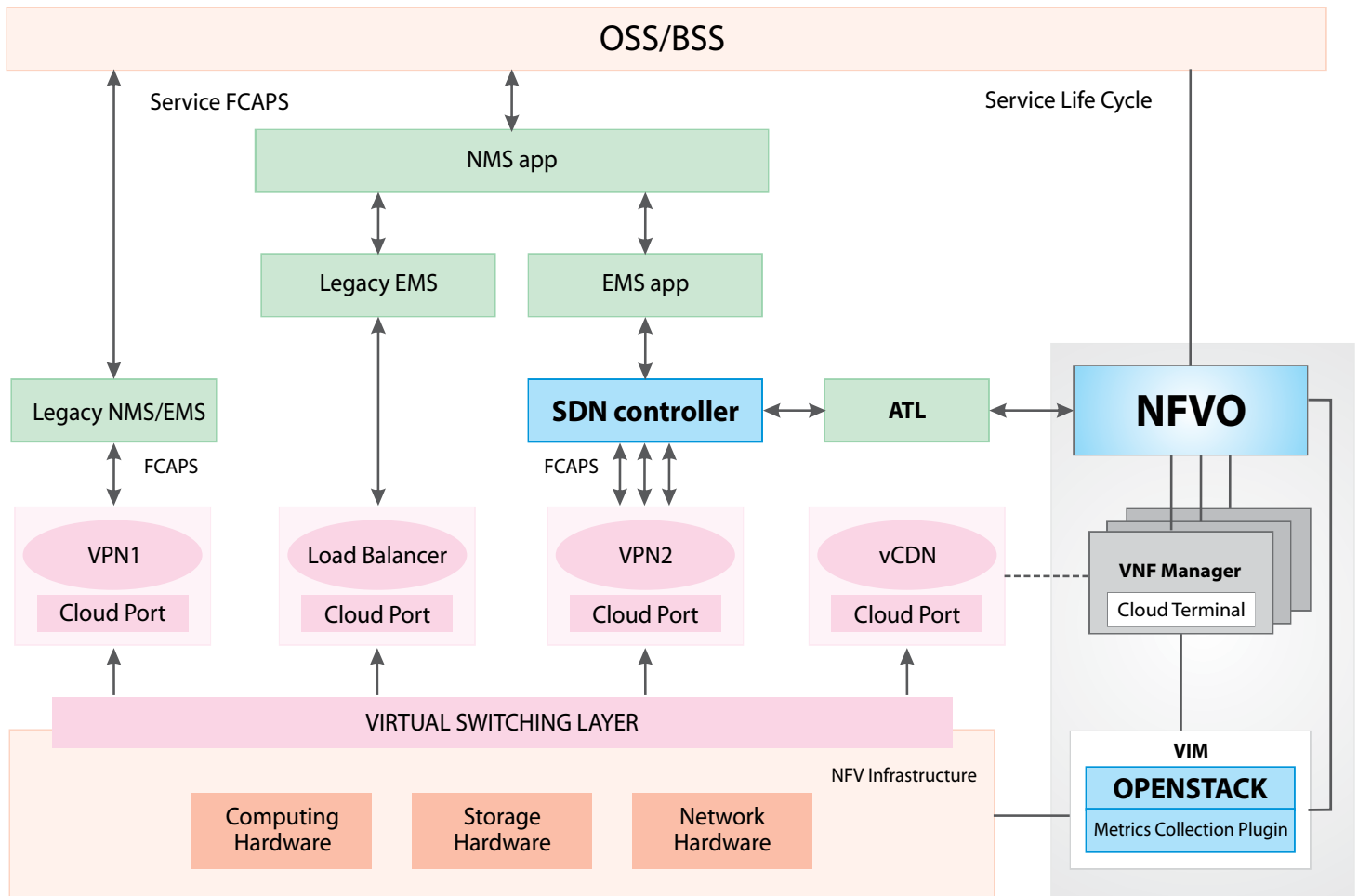
Overview

With increasing service requests, network operators are facing a big challenge to accelerate the introduction of new services and manage service quality with significant reductions in CAPEX and OPEX. To address these issues, service providers are increasingly turning to Network Functions Virtualization (NFV).

NFV solutions deliver compelling performance; maintain network reliability and resiliency while keeping costs under control. ALTEN Calsoft Labs' NFVOps Orchestration Framework helps customers to easily deploy, manage and orchestrate Virtual Network Functions (VNFs) and roll out new services, thereby simplifying network operations.

ALTEN Calsoft Labs' NFVOps Orchestration Framework

ALTEN Calsoft Labs offers an orchestration framework that enables automated service provisioning, service fulfilment and end-to-end service quality assurance on virtual clouds. Based on ETSI NFV ISG specifications, NFVOps allows service providers to create virtual private multi-tenant cloud deployed on any cloud platform.



NFVOps Orchestration Framework – Features

- Supports dynamic service provisioning, service catalog & ordering, service & instance remediation
- Open, scalable and customizable
- Extensible to Private (VMware, KVM, Xen, Hyper-V) and Public (AWS, Rackspace, Azure) cloud environments.
- Allows fast definition of new services & reuse of previous definitions
- Supports automatic installation of licence keys where the VA vendor does not provide automation
- On contract termination, VA license keys are recovered & reused at a later date on a different server or customer location
- Significant reduction in delivery, installation & service activation time from 90 days to ~60 minutes
- Significant OPEX savings

Services Managed

- Wi-Fi access
- WAN optimization
- Application acceleration
- Network Intelligence
- Load Balancing
- Unified Threat Management (UTM)
- Policy management & enforcement
- Managed Firewall & Web security

ALTEN Calsoft Labs' Professional Services

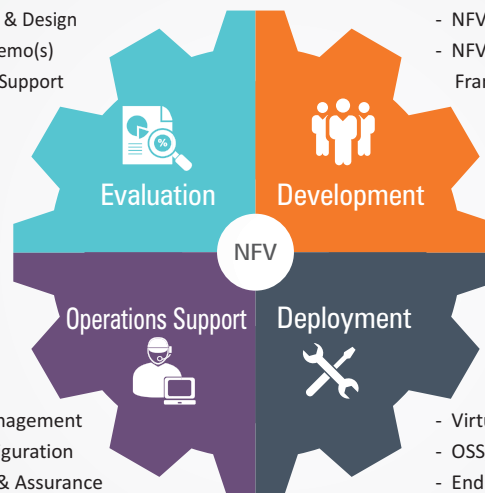
ALTEN Calsoft Labs' Professional Services team offers NFV solution deployment, OSS/BSS integration and Operations Support services to service Providers.

ALTEN Calsoft Labs addresses the needs of Service Providers from Evaluation/PoC stage to Service Roll-out and L2/L3 Technical support, all under one roof.

Partners



- Technology Consulting
- Solution Architecture & Design
- Proof of concept & Demo(s)
- Advanced Training & Support



- Virtual Function Development
- NFV Orchestration
- NFV/SDN Management Framework Development



- Service Roll-out Management
- Provisioning & Configuration
- Service Monitoring & Assurance
- L2/L3 Technical Support

- Virtual Appliance Staging
- OSS/BSS Integration
- End to End Service Validation
- Patch/Release Management

ABOUT ALTEN CALSOFT LABS

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi-tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

www.altencalsoftlabs.com



business@altencalsoftlabs.com