NUAGE NETWORKS FROM NOKIA

www.nuagenetworks.net

VENDOR SNAPSHOT

ACG RESEARCH

nuagenetworks From Nokia

PRODUCTS AND SERVICES (SD-WAN 2.0)

- Networks Services Gateway (NSG) product family in physical + virtual form factors, provides unified, policy-based L2, L3 + value-adding network services to enterprises spanning multiple location, transport + XaaS cloud provider operational environments
- Virtualized Services Directory (VSD) provides model-based description of network + application infrastructures, and open integration with multiple northbound cloud, OSS and analytics applications
- Virtual Networks Orchestration (VNO) software integrating enterprise remote site (SD-WAN), transport network + data center/cloud virtual network services

KEY STRATEGIES

- Support simplified, automated support of multiple workload virtualization environments (VM + container-based) + cloud management platforms
- Provide qualification + flexible, automated integration of multiple types of value-adding V/CNFs
- Proactively integrate policy- + intent-based automation with other Nokia DCO offerings (NSP, CloudBand, OneFlow for ex)
- Support multiple networking topologies to meet enterprise customer needs
- Support deployments in a continuum from small to very large scale

Key Customers
BT
Cox
Telefonica
Telia

Founded
1865

Nokia is a diversified telecommunications + networking equipment + software company. Nuage Networks from Nokia provides policy- + model-based SDN solutions to service providers + enterprises for SD-WAN, software-defined data center, and multi-cloud networking operations.

Ecosystem
Other Nokia BUs
VNF Partners
Linux + OpenStack Foundations

Finland

Global

ANALYSIS

- Key strengths: wide range of topologies + cloud magement platforms Nuage is able to integrate with automatically & its ability to scale networking functionality to very large scale while supporting diverse applications + services
- Expanding functionality + partnerships further into enterprise IoT + related multicloud environments would be advantageous.

June 2020, Paul Parker-Johnson & Dr. Mark H Mortensen