

VENDOR SNAPSHOT

PRODUCTS AND SERVICES

- The Amdocs NEO Service & Automation Platform provides end-to-end service lifecycle management of network and cloud services, from design and creation to, orchestration, continuous monitoring and closed loop operation. The platform combines a full set of OSS and NFV capabilities for network resource & service fulfilment, operations and assurance over hybrid physical & virtual networks.
- NEO interfaces northbound with BSS systems, including the amdocsONE (DigitalONE, CatalogONE, and RevenueONE) BSS offering with standard TM Forum Open APIs.
- Southbound, NEO leverages ETSI, 3GPP and other interfaces with network domain and cloud controllers for provisioning, activating and managing network & cloud resources, as well as for collecting fault and performance telemetry.
- Composed of multiple cloud native, microservices modules:
 - **Open Network Designer** for onboarding of PNFs/VNFs/CNFs; Resource, service, and slice TOSCA-based modelling
 - **Open Network Inventory** that is active (up to date and includes the performance status of the elements) and federated with other inventory repositories in OSSs and Domain Control Systems.
 - **Open Network Orchestrator** automating the provisioning, activation and end-to-end lifecycle management of services across multiple network & cloud domain
 - **Open Network Assurance** enhancing closed loop operation with AI/ML infused analysis of services and network resources' fault & performance telemetry data.

Key Customers

- EMEA new wireline entrant for fixed broadband
- SES for E2E service & network orchestration
- Globe for NFV & NaaS
- Vodafone, Comcast

Founded
1982

Amdocs provides software and services for communications, media, & financial services providers and digital enterprises. Its NEO Service and Automation Platform provides a full set of OSS functions that can be customized for private and public networks. It forms the basis of the Amdocs 5G Slice Manager, among other solutions.

Ecosystem

- AWS and Microsoft Azure
- Other vendor domain controllers.
- TEOCO for service assurance functions
- Fortinet, Versa networks

Chesterfield, MO



Israel

KEY STRATEGIES

- Strong network function vendor agnostic approach by aligning with industry standards and organizations such as 3GPP, ETSI, TM Forum, ONAP, and others.
- Partner with AWS and Azure for cloud-based implementations.
- Provide a full-featured cloud native platform of OSS functionality that can be configured as needed to fit networks of varying sizes and requirements as well as integrating with existing BSS and OSS infrastructures.
- Support closed-loop automation based on network service assurance systems such as TEOCO Helix & IBM Netcool and infused with AI/ML capabilities.
- Use the NEO platform as the basis for multiple solutions offerings, including the *Amdocs 5G Slice Manager* and *Amdocs SD-WAN/NaaS package*.

MYTAKEANALYSIS

- Amdocs, long known as a major player in the billing and BSS/OSS market, has created a strong NG-OSS platform for hybrid physical/virtual networks.
- Amdocs NEO provides cross-domain orchestration (CDO) functions that are highly generic with respect to the network technologies employed and the characteristics of the services and slices.
- Holistic solution, when third-party service assurance system is integrated, covering all aspects of service lifecycle management – from onboarding, design and creation to orchestration, continuous monitoring & operation.
- Amdocs NEO puts Amdocs firmly in the market of integrated OSSs for differentiated 5G service offerings, NaaS, & Autonomous Networks of the future with strong slice support.