

# Amdocs Network Inventory

Programmable networks like 5G bring a wealth of opportunities, enabling the creation of new revenue-generating, differentiated services. Yet, for operations teams, deploying cloud-native, disaggregated and virtualized networks creates a series of challenges.

Service and network automation holds the key to the efficient and profitable operation of complex, dynamic 5G and cloud-era networks – allowing you to virtually multiply existing operations capacity. This is enabled by access to comprehensive, accurate data – providing the knowledge to ensure that AI-triggered actions are adequate.

This is where inventory plays a key role, providing the network and service data required to power automation.

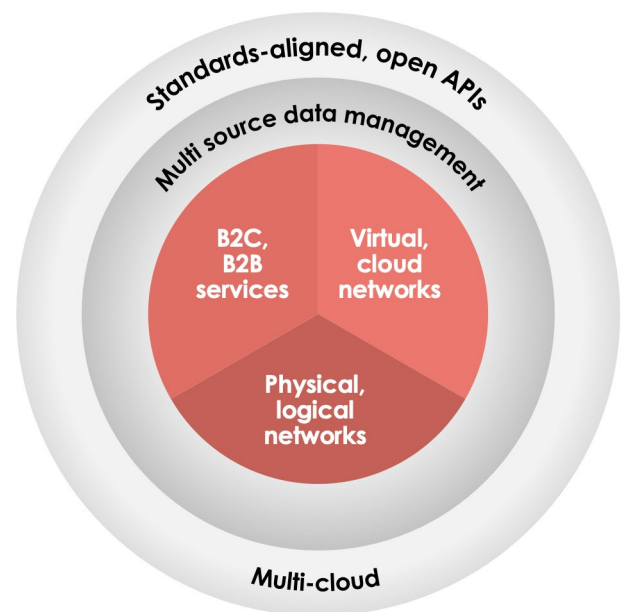
## A 5G and cloud-era inventory

Amdocs Network Inventory is a proven, reliable inventory that supports any network, cloud and service, providing the data required to automate operations across today's and future networks from a single pane of glass. It simplifies the interaction with service fulfillment, network planning and orchestration with intent-driven design and assign processes, ensuring the efficient allocation of the resources required to deliver and maintain customer SLAs.

To operate dynamic networks, Amdocs Network Inventory supports near real-time updates via a modern event-based architecture and live enrichment framework.

Amdocs fully embraces openness and promotes standards alignment with active involvement in standard bodies and organizations such as TM Forum, 3GPP, ETSI, MEF and The Linux Foundation. In line with this, Amdocs Network

Inventory simplifies integration with all the different components involved in delivering customer services, using standards-aligned APIs, e.g., TMF 638 Service Inventory, TMF 639 Resource Inventory, that promote effective communication and seamless interactions among these components.



Any network, cloud and service

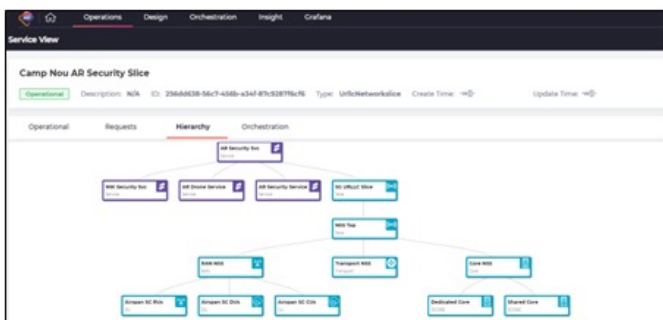


### Benefits

- **Reduces risk** with inventory market-leading vendor with over 20 years of experience
- **Improves operations** and manage any network, cloud and service across existing and new technologies
- **Reduces TTM** and accelerate support for new technologies across network planning, rollout and service fulfillment
- **Increases agility** with rapid network and service model onboarding, and low-code, intent-driven automation
- **Reduces CAPEX** and leverage federation to defer or avoid costly data migration, with the added benefit of centralized data access
- **Reduces TCO** with flexible cloud deployment and standards-aligned integrations

### Any network, cloud & service

Amdocs Network Inventory covers all network domains and layers, from the physical network layer (including both inside and outside plant infrastructure) to the virtual and cloud network functions (deployed at edge or core), as well as the service layer – making it ideal for today’s and tomorrow’s networks and services. The inventory manages the relationships between different domains and layers, as well as the capacity available and consumed across them, by design.



Cross-domain, multi-layer interrelationships

Advanced network planning capabilities allow for the management of resource reservation and tracking of planned resource usage. This helps to avoid accidental repurposing of reserved resources by providing visibility into both current and planned network resource usage.

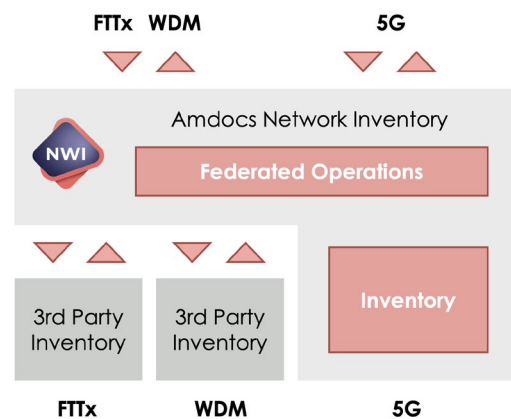
### Cloud agility and lower TCO

Amdocs Network Inventory is a modern inventory designed for the 5G and cloud-era. It embraces the agility of the cloud and the dynamism of programmable networks with capabilities like:

- Enabling CI/CD practices through flexible deployment options across private and public clouds
- Native intent-driven automation support with a low-code approach
- Standards-aligned APIs, TM Forum Open APIs, 3GPP, ETSI and more

### Centralized data access

Amdocs Network Inventory provides centralized data access to the comprehensive and accurate network and service data that is essential for operations personnel and automation. This is achieved via a flexible multi-data source management layer that enables federated access to network and service data from any data source, deferring or avoiding costly data migrations. Real-time access to data as well as data replication techniques can be combined to support each service provider’s unique situation, ultimately providing centralized data access from the user interface as well as the APIs.



Federated operations

## Risk-free evolution

Amdocs has over 20 years' experience in inventory, leading the market with worldwide deployments including the largest and most innovative service providers. Amdocs Network Inventory leverages Amdocs' proven, comprehensive capabilities and augments them with the features required to support 5G and cloud-era needs.

The result is an inventory that optimally supports today's and tomorrow's networks, enabling you to evolve your business at your own pace.

## About Amdocs

Amdocs helps those who build the future to make it amazing. With our market-leading portfolio of software products and services, we unlock our customers' innovative potential, empowering them to provide next-generation communication and media experiences for both the individual end user and enterprise customers. Our 31,000 employees around the globe are here to accelerate service providers' migration to the cloud, enable them to differentiate in the 5G era, and digitalize and automate their operations. Listed on the NASDAQ Global Select Market, Amdocs had revenue of \$4.58 billion in fiscal 2022.

For more information, visit [Amdocs Network Inventory](#).

