AMDOCS EDGE & CLOUD NETWORK SOLUTION

Cloud and edge technologies have become crucial tools in the campaign to allure and maintain digital customers – underpinning your network's ability to deliver differentiated services with very low latency, high scalability, security and data sovereignty.

At the same time, they are key to achieving cost efficiencies and reducing your carbon footprint, by leveraging the virtual resources and scale of hyperscale cloud providers.

Yet, moving to the cloud and edge is no simple task, requiring careful planning to avoid disrupting existing business.

Deploy, operate cloud & edge

We recognize that every CSP is different. This is why we adopt an approach tailored to your specific needs, ensuring support during every step of the process.

1. Discovery

Problem and solution discovery, mapping requirements and assessing enterprise business goals

2. Design & plan

End-to-end network and IT solution definition, conducted with partner ecosystem across cloud, edge, network and security

3. Implement

Construct, integrate, test and tune across network and IT to deliver solutions that deliver value

4. Operate & optimize

Long-term operation of implemented solutions and optimization based on usage

5. Maintain

Future use case analysis to evolve solution and continue the journey to the cloud and edge
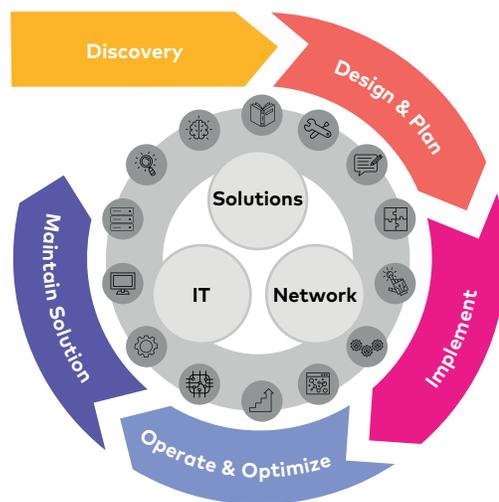
Cloud journey process

Benefits

- **Reduced costs** through elasticity and flexible consumption models
- **Increased agility, reduced time to market** with cloud automation, marketplace
- **Increased revenue** with new differentiated services leveraging low-latency capabilities
- **Increased customer satisfaction** with high availability, data security and sovereignty
- **Leverages AI/ML** with native support and cost-effective processing for data analytics
- **Avoids vendor lock-in** with cloud-native network functions from multiple vendors

Network solutions for cloud & edge

Whether you are operating a mobile private network (MPN), VRAN, ORAN or 5G Core, Amdocs Cloud & Edge Network solution empowers you with the full advantages of ubiquity, scalability and flexibility.

These are further supported by our cloud-native operational support systems, such as Amdocs Intelligent Networking Suite (INS), which enables you to deploy on multiple clouds.

Our software and services are also agnostic to the hyperscaler provider, demonstrated by our ongoing engagements with AWS, Azure, Google Cloud as well as providers such as Dell, and VMWare.

Next-gen network platform built for the cloud & edge

Amdocs Intelligent Networking Suite, a key component of Amdocs Cloud & Edge Network solution, provides capabilities that maximize the benefits of the move to the cloud and edge. With its agile, standards-aligned service and resource catalog capabilities, it provides the support you need to rapidly on-board network functions and applications.
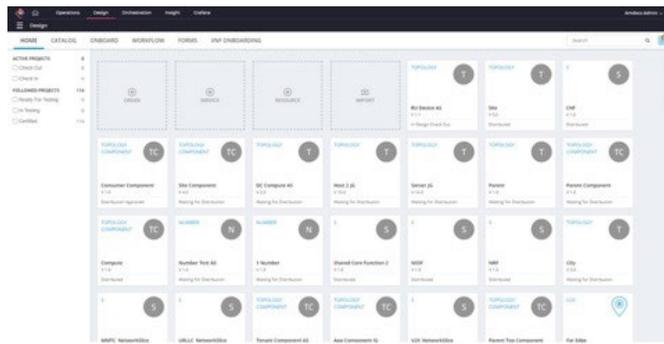
Network function and app on-boarding

Given the multiple placement options across private, public clouds, Amdocs Intelligent Networking Suite also provides intelligent homing and placement capabilities, taking into consideration the needs of the network functions and applications, e.g., latency, throughput, as well as the availability of connectivity and infrastructure resources.
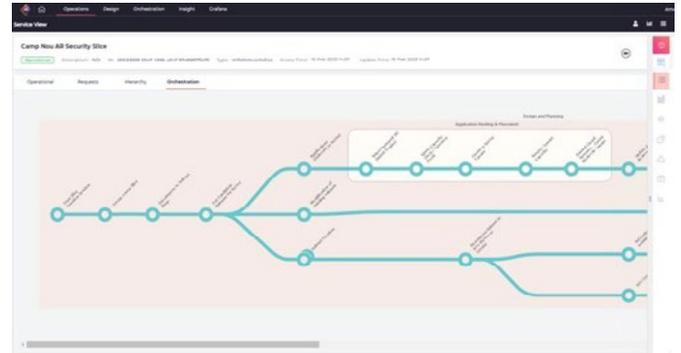

Homing & Placement flow

Journey to the cloud & edge

While moving to the cloud and edge delivers multiple benefits, the process can be daunting. With our domain experience and partner ecosystem, we support you throughout the journey with services ranging from consulting, migration and modernization to security, data transformation and daily operations, including zero-touch network solutions.

We also provide a Lab as a Service offering, to design, integrate and certify your selected network functions and applications interoperability, thereby reducing the risk and potential impact to your business.
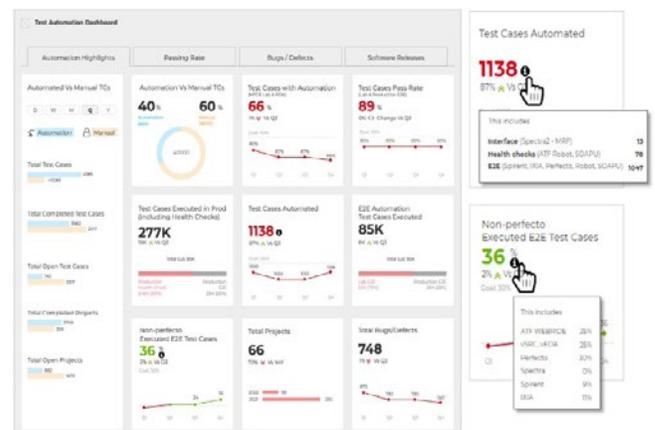
Lab-as-a-Service Analytics

Why Amdocs

Vendor agnostic, end-to-end accountability

Multi-vendor experience & partner ecosystem with an overall, single point of accountability for committed SLAs, with proven cloud & edge deployment experience.

Global, multi-domain expertise

Global organization with thousands of experts spanning system integration, including OSS, BSS, xRAN, cloud, edge, core, transport, security, AI and more.

Software automation for scalability

Our deployment automation, management portal and AI-enabled operations enhances customer experience and improves operational efficiency.

Flexible engagement & commercial models

We tailor cloud and edge solutions with varying subscription and ownership models to fit your business requirements.

For more information, visit **Amdocs Networks**.