

ALCATEL-LUCENT DATA CENTER SERVICES

SUPPORT CURRENT AND FUTURE DATA CENTER REQUIREMENTS

Data centers are under extreme pressure. Real-time applications, virtualization, server-to-server traffic, desktop presence information, security, and video have all combined to push the limits of network infrastructure capabilities. Data center networks must accommodate and dynamically adapt to these increasingly demanding workloads.



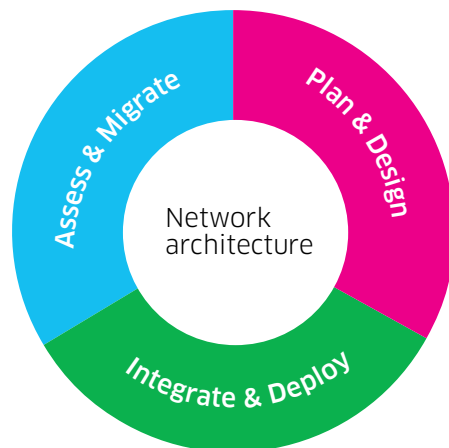
Alcatel-Lucent Enterprise Data Center services can help organizations to transition their data center to meet current and future demands. Our services suite helps transform the data center into a competitive advantage by aligning technology with business needs. By implementing the Alcatel-Lucent data center switching fabric – a high-performance architecture, combining hardware, software and services – organizations can control cost, reduce complexity and meet compliance requirements.

SUCCESSFULLY TRANSITION TO A NEXT-GENERATION DATA CENTER

Alcatel-Lucent and our industry-leading partners deliver customized, in-depth design, implementation, and management services to accelerate data center transformation. By combining network-aligned applications with a unified view of data center assets, Alcatel-Lucent takes an architectural approach that efficiently consolidates, virtualizes and manages data center resources.

The Alcatel-Lucent Professional Services team, along with our Partners, uses industry-leading expertise to lead the data center transformation, including:

- Data center solution architecture
- Layer 2 and Layer 3 infrastructure architecture
- Fiber Channel over Ethernet/Internet Small Computer System Interface (FCoE/iSCSI) interconnection
- Layer 4 to Layer 7 architecture
- Virtualization architecture with service orchestration expertise
- Cloud automation solution expertise
- High availability via high-availability backbone
- Network management architecture
- Project management



The Alcatel-Lucent Network Services

BENEFITS

- Develop a cloud strategy that pays for itself faster by reducing costs and delivering high availability
- Improve application performance by adopting an infrastructure as a service (IaaS) architecture
- Ensure the IaaS design and management are aligned to the cloud transition
- Develop and implement an IaaS architecture and integrated tool design that are tested and validated by Alcatel-Lucent Enterprise
- Create a phased transition plan to ease the move to a cloud operating model



DATA CENTER SERVICES

Table 1. Alcatel-Lucent Data Center Services

DATA CENTER SERVICE	DESCRIPTION	BENEFITS
Data center Network consulting services	Consulting workshop to analyze and define the best IaaS for an organization. The workshop follows data center fabric and backbone operation best practices and detailed operational processes. Alcatel-Lucent consultants make recommendations on the best products, strategies, architectures and evolution services for the data center. Also includes: - Assessment of fabric design, application performance goal and ecosystem constraints - Advice on data replication, cross site clustering and service availability	- Address current and future business requirements with IaaS - Adopt the best technologies to meet these requirements - Empower operations and architecture teams with expert knowledge aligned to their needs
Data center Low-level design	Alcatel-Lucent starts with a business and technical requirements analysis. Then existing infrastructure is examined in detail. The final product is a low-level design – potentially including the data center backbone – focusing on high availability that provides options for using existing infrastructure and new technology.	- Best-in-class data center fabric, backbone and management - Maximize ROI on existing ecosystem and ensure new design is compatible
Data center Deployment assistance service	- Alcatel-Lucent experts help to deploy the data center fabric elements (Alcatel-Lucent OmniSwitch™ 6900 and OmniSwitch 10K) including staging, application migration, provisioning, and orchestration. - Depending on requirements, these services can include post-implementation validation, virtualization, data center backbone interconnect and server optimization.	- Secure transition to an Alcatel-Lucent data center environment - Risk mitigation - Seamlessly transition network management to an organization's IT staff

THE DATA CENTER SERVICES ADDED VALUE

Maximize ROI and turn network intelligence into a powerful competitive advantage with Alcatel-Lucent data center services. Choosing Alcatel-Lucent services grants access to a team of industry-leading experts who combine innovative thinking, state-of-the-art technology and deep Alcatel-Lucent solution knowledge.

WHEN MORE THAN DATA CENTER SERVICES ARE NEEDED

Alcatel-Lucent offers a complete range of services: solution continuity and evolution; increased operational efficiency; reduced costs; and risk mitigation for new adoptions or technology evolutions. Alcatel-Lucent collaborates with its partners to jointly ensure enterprise networks are successfully built and maintained throughout their lifecycle.

WHO TO CONTACT FOR MORE INFORMATION

For further information about data center and other network services from Alcatel-Lucent, please contact your local Alcatel-Lucent representative, your local Business Partner or send us an email at professional.services@alcatel-lucent.com