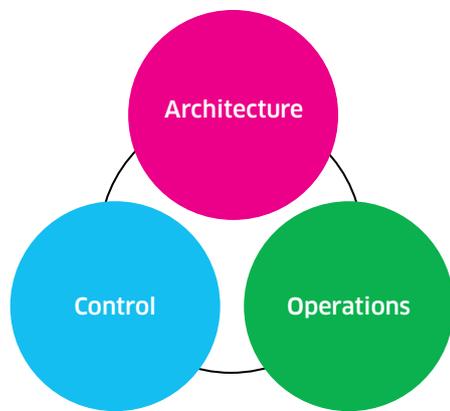


ALCATEL-LUCENT CONVERGED NETWORK PLAN AND DESIGN

PAVING THE WAY TO TRULY APPLICATION-FLUENT NETWORKS

The Alcatel-Lucent Application Fluent Network is based on a resilient architecture with automated controls in which the network dynamically adapts to the application, user and device to provide a high-quality user experience, as well as simplified operation. This helps enterprise use their networks to better achieve business results.



The Alcatel-Lucent Application Fluent Network

However, networks must be designed efficiently to achieve true application fluency. This reduces network transformations delays - and their associated risks and costs - and helps to prepare network architectures for future applications and services. It is important to analyze short- and long-term business requirements to build a clear network infrastructure vision before starting network design. Aligning business goals with an application fluent strategy helps to ensure the network will support organizational objectives, both today and in the future.

Alcatel-Lucent Plan and Design Services offer leading expertise and best practices to create a network architecture that support short- and long-term business objectives. Comprehensive planning and design produces a flexible, resilient, scalable architectural foundation that supports an organization's business solutions.

MEET FUTURE REQUIREMENTS WITH PLAN AND DESIGN SERVICES

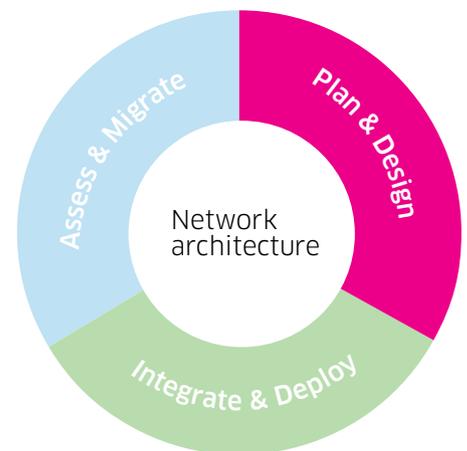
Involving Alcatel-Lucent at the plan and design phases helps to avoid unforeseen costs

The Plan and Design phases are focused on creating a best-in-class network infrastructure architecture.

During the Plan service, Alcatel-Lucent experts examine an organization's scope, structure, business requirements and IT strategy. They use this information to provide architecture alternatives based on both business and IT requirements, taking into consideration options for using existing infrastructure with a partial or significant technology refresh. Finally, they clarify the deployment prerequisites, formulate timelines and provide statements of work and high-level architecture designs.

The Design service builds on the planning outputs to develop a complete network design that meets organizational objectives. Following the high-level design, the low-level design provides detailed physical and logical network topology design, as well as configuration for the base management of each platform.

With a deep knowledge of local area networks (LANs), wireless LANs and data center networks, Alcatel-Lucent consultants ensure solution architectures are able to provide the necessary services and network availability.



The Alcatel-Lucent Network Services

BENEFITS

- Enable higher performance, scalability and resiliency through best-in-class network technology and design
- Eliminate unexpected, expensive and time-consuming redesigns by starting from a well-engineered architecture
- Improve the proficiency of the deployment and operations teams through continuous knowledge sharing with Alcatel-Lucent experts throughout the design phase
- Accelerate adoption of new network technologies and improve return on investment by integrating technical requirements and business objectives into an effective detailed design

SERVICES AT-A-GLANCE

Table 1: Alcatel-Lucent Plan and Design Services

PLAN AND DESIGN	DESCRIPTION	BENEFITS
PLAN: Network consulting	This service assesses organizational requirements and business drivers, then provides a comprehensive solution and migration strategy based on the Alcatel-Lucent Application Fluent Network approach to meet enterprise needs and network environment.	<ul style="list-style-type: none"> Aligns technology with business requirements (e.g., BYOD adoption) Maximizes solution capacity to support business growth and change Improves network efficiency and business value
DESIGN: Low-level design	<p>Once the networking consulting service identifies a secure, high-level architecture, Alcatel-Lucent can define a low-level design using best-in-class technologies to meet applications fluency expectations.</p> <p>The design service can include validation and testing of the designed solutions, for example:</p> <ul style="list-style-type: none"> LAN Converged Campus Network: Build a detailed LAN network architecture for a campus WLAN Converged Campus Network: Build a detailed Wireless network architecture for a campus Data Center: Fabric and interconnect (please see the Data Center Services datasheet for details). 	<ul style="list-style-type: none"> Create a network topology tailored to the organization, environment, business constraints, and user profiles Design network prepared for technological evolution Meet the application network fluency expectations from the high-level analysis
DESIGN: Low-level design validation	<p>This service validates and confirms the network design in a lab environment before it is implemented in a production network.</p> <p>This service can include expert-led coaching on the solution</p>	<ul style="list-style-type: none"> Vendor assurance of network design Design quality validation and adaptation Mitigate deployment risks and costs from unforeseen incidents

THE PLAN AND DESIGN SERVICES ADDED VALUE

Maximize return on investment and turn the network into a powerful competitive advantage with Alcatel-Lucent planning and design. Choosing design services grants access to a team of industry-leading experts who combine innovative thinking, state-of-the-art technology and in-depth Alcatel-Lucent solution knowledge.

WHEN MORE THAN PLAN AND DESIGN 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 technology adoption or technology evolution. 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 plan and design or other network services from Alcatel-Lucent, please contact your local Alcatel-Lucent representative, your local Business Partner or send an email at professional.services@alcatel-lucent.com