FUJITSU

shaping tomorrow with you

Network Design Services

Planning and designing multivendor network solutions, fine-tuned for best performance and customized to solve complex business problems, is a vital element of any network rollout or technology upgrade. It takes just the right amount and combination of resources and expertise to develop the infrastructure needed to service growing demands and stringent SLAs.

Effective network design means making the right choices to maximize efficiency, profitability and reliability. Every level of your network's structure and configuration has a major impact on revenues, scalability, and positioning for future growth. To ensure the health of your business, your network must be purposely designed to be reliable, scalable, cost-effective, and flexible.

Fujitsu offers a unique combination of technical expertise and experience architecting networks for multivendor environments. With our dedication to best practices and proven, effective design tools and processes, the Fujitsu Network Design Services can help you engineer a network that exceeds customer requirements, keeps costs low, and generates healthy revenue.

Maximize efficiency and profitability

With the Fujitsu Network Design Services, you can achieve important business benefits:

- Immediate cost-effectiveness
- Ongoing reliability and efficiency
- Reduced opex and capex
- Improved time to revenue
- Reduced deployment risk
- Best-in-class performance and capacity
- Improved flexibility and scalability

Enduring partnerships based on trust

After serving all types of customers in the communications network industry for more than 25 years, we understand service providers' immediate and long-term needs. This is why many consider us a trusted partner able to support durable, positive business relationships. As with all of our service offerings, Fujitsu Network Design Services are peerless in quality. The services are applicable to any transport, data and wireless technology, and can be delivered remotely or on-site. We also make administration and management easier for you by acting as a single point of contact for complex, end-to-end, multivendor design solutions.

Whatever your network needs, our highly qualified architects and engineers can address all scenarios including:

- Greenfield
- Expansion
- Migration
- Upgrade
- Overlay
- Replacement
- Rehome
- Optimization

Network design services portfolio

Fujitsu Network Design Services are a comprehensive portfolio of architectural and engineering design services that you can customize to meet your individual network needs. We take an end-to-end, multivendor approach, and are able to add value at every phase of a network design project. From information acquisition, to architectural and topological design, to site surveys and drawings, our specialists have the expertise you need to engineer performance into your revenue-generating network.

Customized for your unique needs

Network architecture design – We deliver a high-level design that specifies the necessary equipment to meet your requirements.

- Requirements and infrastructure analysis
- Technologies recommendations
- Architecture planning
- Topology and logical network design
- Traffic and capacity demand planning
- Network modeling and simulation studies
- Channel plan
- Circuit design
- Network management design
- Equipment list
- Network-level drawings
- Network architecture packages

Detailed network engineering design – We deliver complete, detailed engineering design specifications including equipment BoMs, necessary circuit capacity and other design details.

- Site survey
- Bill of materials
- Rack & stack design
- Connectivity design
- Network management system information
- Methods of Procedure (MOPs)
- Installation, integration and test specifications
- Site-level drawings
- Engineering design packages

Services that target your needs

The Fujitsu Network Design Services can be customized or packaged with other service offerings to fit your unique situation. For example, you can combine our Network Design Services with network audits, field services, knowledge services, and project management for turnkey or tailored packages that support your individual network and business objectives.

The Fujitsu Network Design Services are ideal for your network design project. We combine the methodical and the innovative aspects of network engineering into one complete solution based on our peerless network engineering and design expertise. Consult with us to discuss your architecture or detailed network engineering project, and discover how we can help you ensure world-class reliability for your customers and get the maximum profitability and efficiency from your network.

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