

Infinera Network Architecture and Design Services

Building a Strong Foundation for High-performance Networks

SERVICE SPECIFICS

Infinera Network Architecture and Design Services are delivered by professionals who combine theoretical knowledge with practical experience to prepare a high-level network design coupled with a detailed plan for implementation. Leveraging our experience in next-generation network design, Infinera experts work collaboratively with your team to create an effective network architecture combined with recommendations for the application of industry best practices to ensure a secure, scalable, reliable, and resilient network infrastructure.

Experienced senior consulting engineers perform an analysis and assessment of current network status and future business needs to identify system performance, security, and application requirements as well as key performance indicators (KPIs) and applicable elements necessary to build a solid architectural and design foundation for the network.

Network Architecture (high-level design) deliverables are developed based on proven best practices combined with an understanding of customer requirements and priorities. Typical deliverables include:

- An architectural blueprint for the network that serves as a reference architecture for detailed network design, implementation, and integration
- Analysis and assessment priorities for network performance, security, and application requirements
- Assessment of alternatives and workshop facilitation to select a preferred approach

Network Design (low-level design) provides a complete, implementation-ready engineering design package documenting configuration parameters for network equipment. Typical deliverables include:

- Equipment layout and Layer 1 connections
- Layer 2 and Layer 3 detailed design
- IP network design and logical path design, including IP addressing scheme
- Cabling information and fiber terminations
- Port assignments and Ethernet connectivity
- Equipment configuration details
- Naming conventions (site names, LSPs, circuits)
- Node configuration text files (running configurations)

WHY CHOOSE INFINERA FOR NETWORK ARCHITECTURE AND DESIGN SERVICES?

- Infinera design consultants are senior network professionals with a deep understanding of underlying technologies, products, and solutions
- Infinera experts use proven tools and methodologies founded on extensive real-world network design, deployment, and operations experience
- Infinera is committed to building networks that are cost-effective, robust, and flexible in adapting to future needs
- Infinera team members are dedicated to your long-term success

Infinera Network Architecture and Design Services are essential when planning an entirely new network. These services bring value throughout the life of a network. Common scenarios that benefit from these planning services include:

- Introducing a new service on an existing network
- Network expansion to accommodate increased traffic demands
- Network expansion to accommodate new locations or customers
- Optimizing performance of an existing network
- Investigating network performance that is consistently below expected levels

By partnering with Infinera for your network architecture and design, you are able to take advantage of our expert resources and real-world experience to develop a network architecture and design solution that achieves your business objectives.

TO PURCHASE

For more information about Infinera Professional Services, please consult your local Infinera sales representative or regional sales office..

ENSURE SUCCESS WITH INFINERA SERVICES

When you choose Infinera Services, you gain a level of expertise rooted in decades of successful deployments. You get the global scale and proven expertise you require, enhanced by the speed, personal service, and peace of mind you've always wanted.

It's called the Infinera Services Experience. And for you, it means:



Personalized
Services



Rapid
Resolution



Unrivaled
Support



Accelerated Time
To Revenue



Peace of
Mind

Network owners and operators worldwide rely on Infinera Services to deploy, operate, and optimize their critical network infrastructure. Shouldn't you, too?

To learn more, contact your Infinera account representative or visit us at www.infinera.com/services.