

Infinera Network Migration Services

Leverage Infinera Professional Services to Modernize Your Optical and Data Networks

In the current competitive environment, it's more important than ever for communication service providers to ensure reliable services while minimizing overall expenses. As a result, they are faced with a need to replace aging and unreliable equipment in their networks to stay competitive, reduce CapEx and OpEx, and future-proof their networks as new technologies like SDN and NFV gain acceptance.

The use of next-generation technologies available with newer equipment can improve network reliability and provide better visibility and control, thus reducing operating expenses, and enable network operators to offer new services and generate new revenues. In addition, newer equipment will minimize the floor space required to support network services and allow operators to retire equipment that is currently reaching capacity or costing too much to house, cool, secure, etc.

Unfortunately, the formidable task of network modernization is often compounded by a lack of critical in-house resources with the tools, knowledge, methodologies, procedures, and best practices to ensure migration projects are completed on time, with accuracy, and with minimal operational impact.

This is where Infinera Network Migration Services capabilities come in. The Infinera solution includes ongoing program management based on a three-phase process that includes planning, building, and migration tailored to the needs of each network operator.

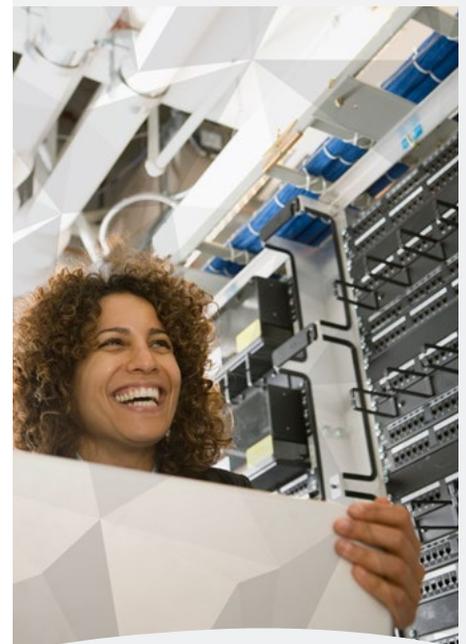
INFINERA NETWORK MIGRATION SERVICES

Right-sized to our customers' needs and migration requirements, the Infinera solution addresses a broad range of modernization and migration applications in mobile and fixed line service provider environments, including:

- Narrowband DCS upgrade/replacement
- Consolidating multiple network elements into a more efficient, reliable, and cost effective platform
- Wideband/broadband DCS or MSPP upgrade/replacement
- TDM use of advanced PTN overlay for transparent DS1/E1 or SONET/SDH transport
- OTN overlay peer support to SONET/SDH switching and protection
- ATM to IP-centric (Ethernet) network migrations
- Flat to hierarchical network architecture migrations
- New service introduction (e.g., business Ethernet, IP/packet-based mobile backhaul)

BENEFITS OF INFINERA NETWORK MIGRATION SERVICES

- **Improve** overall service performance
- **Reduce** cost and complexity
- **Optimize** migration to new technologies
- **Minimize** time to deployment for new services
- **Ensure** carrier-class service integrity and ongoing network availability



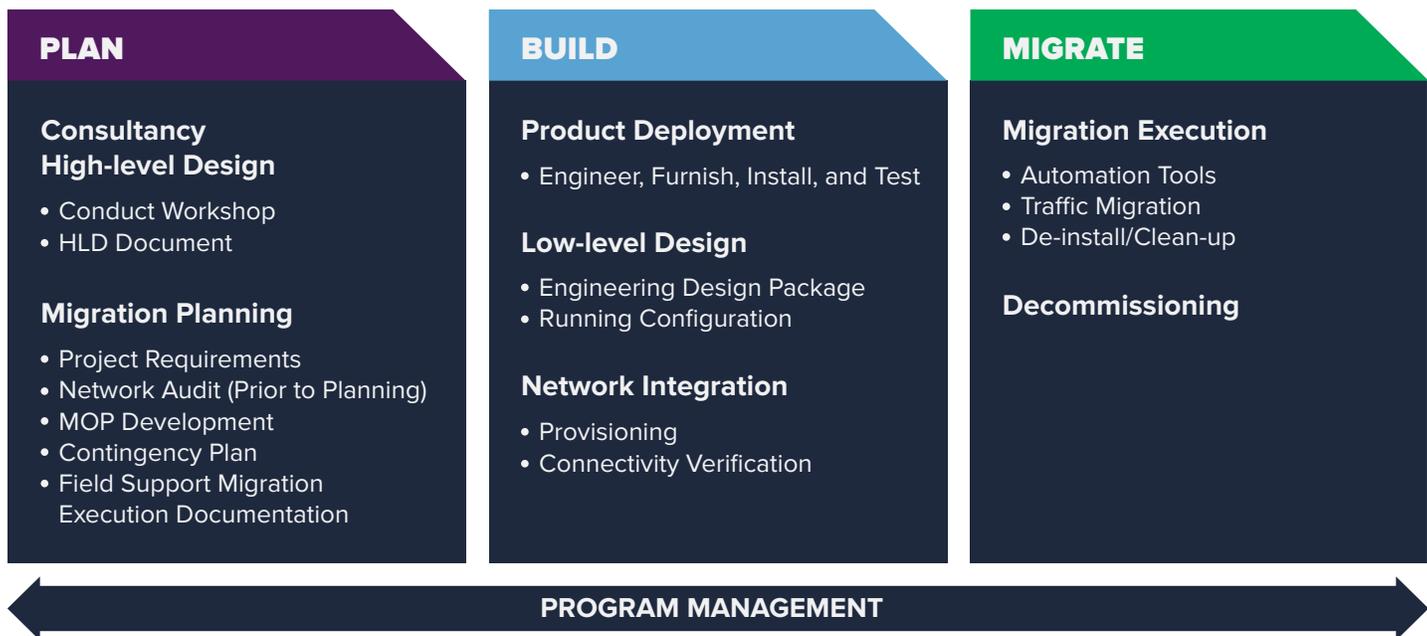


Figure 1: Infinera Network Migration Services offerings (custom solutions are required when migrating live)

Our solution is designed to maximize the performance of your network as you modernize your service delivery infrastructure.

Benefits to your company include:

- **Improve** overall service performance while simplifying network operations, preserving legacy CapEx investments, and expanding new revenue opportunities
- **Reduce** cost and complexity by efficiently and cost-effectively integrating diverse technologies and multi-vendor network elements – decreasing the amount of infrastructure by as much as 70%, reducing power and HVAC requirements by up to 35%, and reducing floor space requirements by as much as 50%
- **Optimize** migration to new technologies and platforms with a customized service and support plan tailored to your specific technical and commercial requirements
- **Minimize** time to deployment for new services without unplanned impact to existing customer traffic or operational systems
- **Ensure** carrier-class service integrity and ongoing network availability with detailed MOPs and best industry practices

Infinera Network Migration plans usually pay for themselves in two to four years through operational savings and by enabling new revenue sources, with typical OpEx savings in the range of 30% to 70%. By using this service, migrations typically can be completed in 40% to 60% less time than an internally conducted migration would require, with minimal impact on existing customer services.

Making Your Vision a Reality

Infinera is a global company with in-house resources dedicated to Network Migration Services. The company has over 15 years of experience in network modernization and migration, and has migrated more than four million circuits for various customers, with over 99% of the circuits experiencing no unplanned traffic disruptions. Based on its experience in this area, Infinera has developed valuable best practices and implementation tools that mitigate risk, bypass the learning curve, proactively identify potential issues before they affect the schedule, and avoid costly rework.

Ordering and Availability

Infinera Network Migration Services can be customized to your specific requirements and are available to our customers across the globe. For further information on these services, please consult your local Infinera account manager 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.