Infinera QuickSwitch™ Professional Service

With the comprehensive QuickSwitch professional services offering, Infinera can help you migrate quickly and easily from your traditional DWDM network to an Infinera Digital Optical Network.

Simple, Fast, and Flexible

Network operators around the world have discovered the simplicity, speed, and flexibility of an Infinera Digital Optical Network, the only optical architecture powered by photonic integrated circuits. Infinera systems have always been known for their rapid deployment and turnup capability. Now, Infinera's Quick- Switch™ professional services offering makes migrating to Infinera even easier, with a collection of service capabilities from planning, installation, and traffic migration to decommissioning of legacy equipment. QuickSwitch is fieldproven to accelerate network readiness and minimize impact to end customers.

Service Elements

QuickSwitch is made up of five key service elements. Depending on the needs of your network and your operations strategy, you may choose to purchase one, some, or all of these elements. Whatever you choose, Infinera can work with you to develop detailed methods of procedure (MOPs) and timelines to meet the needs of your operations team and your end customers.

The five key elements of QuickSwitch are:

Analysis and Planning

Given your fiber characteristics and desired traffic matrix, Infinera Professional Services Engineers use Infinera's Network Planning System (NPS) to model an optimal Digital Optical Network. This analysis re-sults in full bills-of-materials (BOMs) and equipment rack-face layouts. In most cases, Infinera's engineers can perform this modeling and optimization with a single-day turnaround. You may choose to spend more time working with your Professional Services Engineer on what-if planning to see how your new Infinera network will evolve under different growth scenarios.

Rapid, Turnkey Network Installation

Infinera's photonic integrated circuit (PIC)- based architecture results in the industry's fastest and easiest network deployments. Some Infinera customers have reported their network rollouts took ¼ the time required for a traditional DWDM rollout, resulting in significant savings of operations cost and shorter maintenance windows. Infinera will customize an installation plan for your specific needs, working with your existing personnel if desired, or providing full implementation with our own staff. Our successes include network implementations of tens of thousands of route kilometers, for which we've provided everything from racks to network management terminations. We can even install third party equipment when needed.

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Network Management Integration

Infinera's Professional Services team can help integrate your new Infinera network into your existing Operations Support Systems (OSS) or Network Management Systems (NMS). The Infinera Management Suite, a collection of software applications and interfaces, includes a variety of northbound options, including XML, CORBA, SNMP, and TL-1.

Traffic Migration

With Traffic Migration, the architectural advantage of an Infinera Digital Optical Network truly shines. The Infinera DTN system is unique among DWDM-based platforms not only in its photonic integrated circuits, but also in the builtin digital switch fabric and GMPLS capability those PICs make possible. With the DTN's integrated ODU1 (2.5Gb/s) switching and end-to-end network intelligence, Infinera can help you roll customer traffic to your new Infinera network with minimal downtime. And, for networks where no additional fiber pair is available, Infinera's unique product architecture allows a proven procedure for migrating line-side fiber and customer traffic without the "big bang" approach required by other vendors.

Legacy Decommissioning Service

With your new Infinera Digital Optical Network carrying your customer traffic, Infinera can help decommission your legacy optical systems. Like the other QuickSwitch elements, decommissioning starts with a detailed MOP and timeline tailored to your operations philosophy, and can include legacy product inventory, removal and pack-up of field replaceable units and chassis, power cable de-installation, and shipment to your warehouse or other destinations.

Switch to Infinera

Infinera stands ready to help you migrate your network onto PIC-Powered Digital Optical Networking technology. To learn more, please contact your Infinera Sales Representative, or connect with us using the email and phone information below, to learn more.

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