Network Connectivity Solutions for the World's Most Demanding Networks

Infinera is revolutionizing telecommunications networks with innovative, advanced connectivity solutions. With a mission to enable an infinite network that can provide unlimited services to everyone — everywhere, always, and instantly — Infinera continually challenges conventional thinking to reimagine networking solutions that will provide unique value to customers and shareholders.

Powering high-performance networking from the metro edge to the optical core, Infinera's industry-leading solutions include high-end subcomponent technology, systems for network infrastructure, automation software, and professional services. Our end-to-end portfolio includes solutions that help network operators cost-effectively and efficiently support dramatic bandwidth growth while also enabling completely new network architectures like 5G and fiber deep networks that are optimized for the next generation of services. Our best-of-breed open, disaggregated, and software-driven solutions enable our customers to build the most advanced networks, eliminating vendor lock-in and accelerating the speed of innovation.

Infinera's solutions power networks and services for leading network operators around the world, including Verizon, CenturyLink, Telstra, Telefónica, Liberty Global, Telia Carrier, Facebook, and Netflix.

| FIXED AND MOBILE SERVICE PROVIDERS | INTERNET CONTENT PROVIDERS | SUBMARINE OPERATORS | ENTERPRISE VERTICALS |

Figure 1: Powering high performance from the metro edge to the optical core

A HISTORY OF TRANSFORMATIVE INNOVATION

One of our key differentiating capabilities is our deep vertical integration of high-end optical technology. Through our Optical Innovation Center (OIC), Infinera innovates, designs, manufactures, and assembles our industry-leading advanced optical solutions in house. The result is a consistent history of game-changing innovations in optical networking, including:

- The first PIC

- The first instant capacity activation solution, Instant Bandwidth

- The first Nyquist subcarrier-based transmission

- The first purpose-built data center interconnect (DCI) platform

- The first carrier-grade disaggregated router

- The first point-to-multipoint coherent optical solution, XR optics

INFINERA AT A GLANCE

- **Headquartered in Silicon Valley** (Sunnyvale, CA), with more than 3,000 employees worldwide and local operations in more than 45 countries

- **Publicly traded** and listed on Nasdaq (INFN)

- **Proven supplier to fixed and mobile service providers**, including nine of the top 10 global Tier 1 service providers and five of the top six internet content providers

- **More than 1,000 customers worldwide** across six continents and more than 100 countries

- **Comprehensive solutions portfolio** spanning access, metro switching and aggregation, DCI, long-haul, and submarine optical transport

- **Industry-leading economics and lowest total cost of ownership** enabled by innovation in vertically integrated optical engines and a "pay as you win" Instant Bandwidth operational model

- **Optical, packet optical, IP, and SDN/ NFV expertise** empowering multi-layer, multi-domain, and multi-vendor solutions

- **Open network solutions** optimized for evolving network architectures and disaggregated transport environments

- **40+ years of experience** delivering carrier-class networking products and services

- **Distinguished heritage** of game-changing networking innovation with over 1,900 patents

- **High-value service solutions** covering all phases of the network lifecycle — deploy, operate, optimize, and learn

Leveraging these innovations, the OIC is responsible for some of Infinera's flagship solutions, including our high-performance Infinite Capacity Engine (ICE) optical engines and our revolutionary XR optics point-to-multipoint coherent optical solution.

These innovations are all part of our relentless drive to lower the cost per bit, lower power per bit, increase capacity per fiber, and simplify network operations.
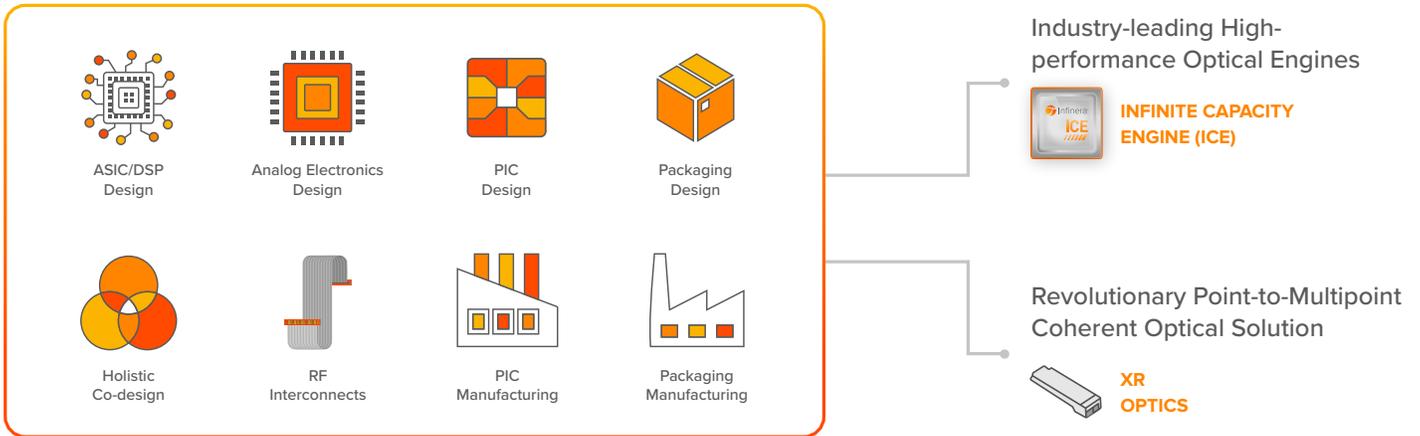

Figure 2: Complete innovation and production of advanced optical engines

AN OBSESSIVE FOCUS ON CUSTOMER SUCCESS

The Infinera Experience is our promise to customers for a truly differentiated business relationship — from groundbreaking technology and networking innovation that solves real customer challenges to an obsessive focus on ensuring customer success.

We fulfill this promise by continuing to challenge conventional thinking. By constantly looking for new ways to bring value to our customers. By being willing to pave new ground and create new classes of solutions that deliver groundbreaking innovation with purpose and solve real network challenges. By creating customer-centric solutions and business models designed to ensure that our customers can use time as a weapon to win over their competitors.

The innovating spirit of the Infinera Experience is built on four key foundational pillars: providing world-class quality, ensuring on-time delivery, maintaining a relentless focus on customer service, and striving to make it easy to do business with us.

The Infinera Experience

Our promise to our customers for a truly differentiated business relationship — from groundbreaking technology and networking innovations to a relentless focus on customer experience and an obsession to ensure our customers' success.

Continually challenge conventional thinking

We will never stop thinking of new ways to bring value to our customers.

Groundbreaking innovation with purpose

We will always be willing to pave new ground and create new classes of solutions.

Dedication to our customers' success

We will always create customer-centric solutions designed to ensure our customers win over their competitors.

Figure 3: The Infinera Experience

THE INFINITE NETWORK

Infinera leverages our innovative and groundbreaking solutions to realize our vision of bringing instantly scalable, always-available connectivity to users and applications everywhere. With a commitment to open networking and proven software-defined automation capabilities, Infinera is redefining service speed and agility as infrastructure networks scale to meet the demands of a new generation of end-user services.

Our solutions are built on leadership in vertical integration that enables superior optical performance built on best-in-class platforms and powered by differentiated automation. Coupled with unique operational models such as Instant Bandwidth, our networking solutions offer the lowest total cost of ownership and a rich end-user experience. Our products feature industry-leading optical performance for capacity-reach, high service port density, a low power profile, and multi-layer, application-aware software that allows fast and simple provisioning of network services.
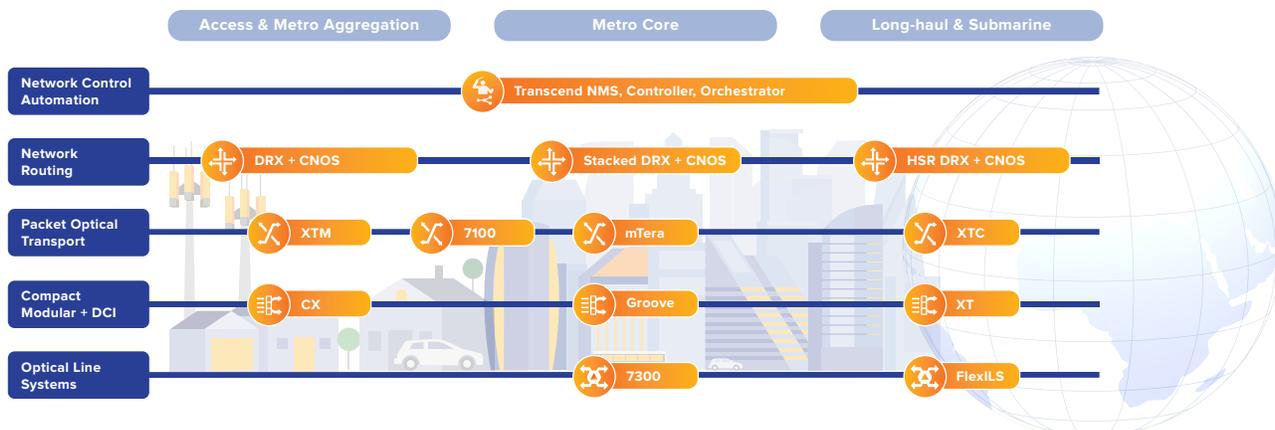

Figure 4: Comprehensive solution set – from edge to core, from L0 to L3 with advanced automation

Infinera's comprehensive solution set spans from edge to core and from Layer 0 to 3 and is powered by advanced automation capabilities. Our portfolio includes three main solution areas:

- **The Infinite Edge**: Application-optimized, open, and disaggregated solutions enabling network operators to deploy the high-performance edge network that new applications demand and delivering comprehensive fiber deep 5G and DAA solutions with leading operational efficiency and disruptive optical and disaggregated routing technologies.

- **The Infinite Core**: Helping operators stay ahead of relentless, unpredictable bandwidth growth by delivering up to 800G per wavelength based on the industry-leading performance of ICE and the superior scalability of Instant Bandwidth.

- **Practical Automation**: Delivering easy-to-implement, discrete automation solutions that solve real network challenges, reduce network complexity, and improve customer satisfaction with enhanced network insights, operational simplification, enhanced network reliability, and intelligent analytics.

GLOBAL SERVICES AND SUPPORT

Infinera's support and professional services combine the powerful capabilities of our technology with an unparalleled level of knowledge and service, empowering our customers to rapidly add capacity, expand to new markets, and integrate new technology. Our high-value service solutions cover all phases of the network lifecycle – deploy, operate, optimize, and learn. We provide the global scale and proven expertise our customers require, along with speed, personal service, and peace of mind.