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## **Infinera Named Second Fastest-Growing Tech Company in North America**

### *DTN System Achieves New Milestones in Revenue and Reliability*

**SUNNYVALE, CA – NOVEMBER 12, 2009** – Infinera (Nasdaq: INFN) has been named the second fastest-growing technology company in North America by Deloitte LLP. Infinera ranked second in the Technology Fast 500™, Deloitte's ranking of the fastest-growing technology, media, telecommunications, life sciences and clean technology companies in North America. Rankings are based on fiscal year GAAP revenue growth during the five-year period from 2004 to 2008.

"Technology Fast 500™ recognizes innovative companies that have broken down barriers to success and defied the odds with their remarkable five-year revenue growth," said Phil Asmundson, Vice Chairman and U.S. Technology, Media and Telecommunications leader, Deloitte LLP. "We congratulate Infinera on this accomplishment." Deloitte LLP is one of the world's largest accounting and consulting firms.

In addition, the Infinera DTN achieved several significant milestones showing its worldwide acceptance as a highly reliable platform carrying voice, video, and data traffic for a broad range of leading telecom operators. Infinera's photonic integrated circuits (PICs) have now surpassed a cumulative total of 200 million hours of operation in live networks worldwide with no chip failures. This reliability rate for the PIC (with more than 50 devices) is equivalent to or better than the reliability of a single telecom-grade laser, evidence of the very high reliability of Infinera's photonic integration technology and indicates very significant benefits to overall network reliability.

#### **Billion-Dollar Product**

In Q3 2009, Infinera surpassed the \$1 billion mark in cumulative revenue for its flagship product, the Infinera DTN, signifying the commercial success of the industry's first PIC-based optical networking platform. The Infinera DTN has now been deployed on network routes spanning more than 500,000 fiber route-kilometers. These milestones attest to the success of Infinera's Digital Optical Networks architecture, based on large-scale photonic integration technology.

"When we introduced the digital paradigm to optical networks in 2004, it ran counter to the all-optical paradigm then prevailing, and still prevailing, among our competitors," commented Infinera CEO Jagdeep Singh. "These gratifying indicators of our success show that our customers have recognized the value that PIC-based Digital Optical Networks can bring to their networks and their businesses.

"We are not resting on our laurels," Mr. Singh added. "We are working hard to bring this new paradigm to our forthcoming next-generation products and new segments of the optical networking market."

Infinera's current PICs integrate 60 optical elements including lasers, modulators, and other optical devices onto a pair of monolithic chips with a total capacity per chip of 100 Gigabits/second (Gb/s). Infinera's next-generation PICs will be designed to integrate more than 400 optical elements onto a pair of chips with total capacity of 400 Gb/s. The high level of



integration enables Infinera optical systems to deliver significant advantages in scalability, cost, space consumption, power consumption, and reliability. Infinera achieved high PIC reliability through an early and sustained focus on design for manufacturability and carrier-grade reliability. Infinera's PICs are manufactured and extensively tested at its own fab in Sunnyvale, California.

Infinera's Digital Optical Networks architecture delivers greater speed, flexibility, and simplicity of operations through the deployment of a large pool of pre-deployed bandwidth and powerful software-based intelligent bandwidth management. The Infinera family of optical solutions includes the Infinera DTN, the first optical system based on large-scale photonic integrated circuits, and the Infinera ATN, a compact metro edge platform that extends the benefits of Infinera's Digital Optical Networks to the metro edge.

*For media and analysts:*

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### **About Infinera**

Infinera provides Digital Optical Networking systems to telecommunications carriers worldwide. Infinera's systems are unique in their use of a breakthrough semiconductor technology: the photonic integrated circuit (PIC). Infinera's systems and PIC technology are designed to provide customers with simpler and more flexible engineering and operations, faster time-to-service, and the ability to rapidly deliver differentiated services without reengineering their optical infrastructure. For more information, please visit <http://www.infinera.com/>.

This press release contains certain forward-looking statements based on current expectations, forecasts and assumptions that involve risks and uncertainties. These statements are based on information available to Infinera as of the date hereof; and actual results could differ materially from those stated or implied, due to risks and uncertainties. Forward-looking statements include statements regarding Infinera's expectations, beliefs, intentions or strategies regarding the future, including that Infinera DTN achieved several significant milestones showing its worldwide acceptance as a highly reliable platform for a broad range of leading telecom operators; that the PIC reliability rate is equivalent to or better than the reliability of a single telecom-grade laser, evidence of the very high reliability of Infinera's photonic integration technology and indicates very significant benefits to overall network reliability; that surpassing \$1 billion mark in cumulative revenue for the DTN, signifies the commercial success of the industry's first PIC-based optical networking platform; that the digital paradigm to optical networks ran counter to the all-optical paradigm then prevailing, and still prevailing, among our competitors; that our success shows that our customers have recognized the value that PIC-based Digital Optical Networks can bring to their networks and their businesses; that Infinera's next-generation PICs will be designed to integrate more than 400 optical elements onto a pair of chips with total capacity of 400 Gb/s; that the high level of integration enables our systems to deliver significant advantages in scalability, cost, space consumption, power consumption, and reliability; that we achieved high PIC reliability through an early and sustained focus on design for manufacturability and carrier-grade reliability; that Infinera's Digital Optical Networks architecture delivers greater speed, flexibility, and simplicity of operations; and that the ATN is a compact metro edge platform that extends the benefits of Infinera's Digital Optical Networks to



the metro edge. Such forward-looking statements can be identified by forward-looking words such as "anticipated," "believed," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. The risks and uncertainties that could cause our results to differ materially from those expressed or implied by such forward-looking statements include aggressive business tactics by our competitors, our dependence on a single product, our ability to protect our intellectual property, claims by others that we infringe their intellectual property, our manufacturing process is very complex, product performance problems we may encounter, our dependence on sole or limited source suppliers, our ability to respond to rapid technological changes, our ability to maintain effective internal controls, the ability of our contract manufacturers to perform as we expect, a new technology being developed that replaces the PIC as the dominant technology in optical networks, general political, economic and market conditions and events, including war, conflict or acts of terrorism; and other risks that may impact Infinera's business are set forth in our annual report Form 10-K, which was filed with the SEC on February 17, 2009, as well as subsequent reports filed with or furnished to the Securities and Exchange Commission. These statements are based on information available to us as of the date hereof and we disclaim any obligation to update the forward-looking statements included in this press release, whether as a result of new information, future events or otherwise.

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