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NTNC Selects Infinera for Multi-State Research Network *Consortium Network Links Institutions from Seattle to Chicago*

Sunnyvale, CA, October 13, 2008 — The Northern Tier Network Consortium (NTNC) has selected Infinera (Nasdaq: INFN) for a regional optical network linking 9 states from Washington to Illinois. The new network will provide the 27 member universities with the speed, flexibility and intelligence of Infinera's Digital Optical Networks.

With endpoints in Seattle, Washington and Chicago, Illinois, the Northern Tier Network Consortium network links the states of Washington, Idaho, Montana, North Dakota, South Dakota, Minnesota, Wisconsin, Iowa, and Illinois. The new network will be used to provide multi-wavelength networking resources to researchers at member institutions and to provide connectivity to the nationwide Internet2 network.

The NTNC Consortium members chose Infinera for the system's flexibility in meeting the needs of the research community and its ease of service delivery. With Infinera's photonic integrated circuits (PICs), which integrate 60 optical devices on a pair of chips each less than 5 mm wide, the Infinera optical system provides 100 Gigabits/second of capacity on every line card. In addition the intelligence of Infinera's GMPLS-powered network operating system makes the Infinera system easy and quick to install and add capacity.

"Members of the Northern Tier Network Consortium went through a very rigorous selection process and Infinera came out on top," said Bonnie Neas, Vice President for Information Technology at North Dakota State University. Features that impressed them included the simplicity of deploying the Infinera platform, the wide range of services it supports, the ease of adding new services to the platform, and the responsiveness of Infinera's customer support team. Ms. Neas said she was particularly impressed with how quickly an Infinera network can be installed and provisioned, in comparison with many other long-haul systems which can take weeks. "Infinera was literally provisioned on Day One," she said.

The NTNC includes Pacific Northwest Gigapop, which supports the network in Washington; the University of Montana and Montana State University, which support the Idaho and Montana portions; and the University of North Dakota, North Dakota State University, and North Dakota state government, which support the North Dakota portion. The NTNC network also includes capacity provided by previously announced Infinera customers SDN Networks (in South Dakota) and BOREAS-Net (which has an Infinera network spanning Illinois, Wisconsin, Minnesota and Iowa). Last year, Internet2 completed the deployment of a nationwide Infinera network which delivers a minimum of 100 Gb/s of capacity to every point of presence on the Internet2 network.

"We are pleased to support the Northern Tier Network Consortium with a state-of-the-art Digital Optical Network," said Infinera Chief Technology Officer Drew Perkins. "Research and education networks nationwide have found that Infinera's photonic integration-powered Digital Optical Networks is the ideal platform to support academic researchers as they develop the network applications of the future."



Infinera at Fall Internet2 Member Meeting

At the Internet2 Fall 2008 Member Meeting, which begins today in New Orleans, Infinera will present a poster session on *Advances in Digital Optical Networking*. Further information on the Internet2 Fall 2008 Member Meeting is available at <http://events.internet2.edu/2008/fall-mm/index.html>.

The Infinera DTN is a Digital ROADM for long-haul and metro core networks, combining high-capacity DWDM transport, integrated digital bandwidth management, and GMPLS-powered service intelligence in a single platform.

For further information

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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 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, such as: the speed, flexibility and intelligence of Infinera's Digital Optical Networks; that the system is easy and quick to install and add capacity; and that Digital Optical Networks is the ideal platform to support academic researchers. Forward-looking statements include statements regarding Infinera's expectations, beliefs, intentions or strategies regarding photonic integration solutions and other statements that can be identified by forward-looking words such as "future" "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, general political, economic and market conditions and events, including war, conflict or acts of terrorism; and other risks and uncertainties described more fully in our public announcements, reports to stockholders and other documents 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 assume no 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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