

Seaborn Selects Infinera's ICE6 Technology and Expands Spectrum Delivery in the Americas

San Jose, Calif. – July 6, 2021 – Infinera (NASDAQ: INFN) and [Seaborn Networks](#) (Seaborn), a leading developer-owner-operator of submarine fiber optic cable systems, announced today the selection of Infinera's industry-leading [ICE6 800G](#) coherent technology for Seaborn's subsea network. Once deployed on Seaborn's network, Infinera's ICE6-powered solution will provide Seaborn with an architecture that can deliver 400 GbE services, including the option for direct PoP-to-PoP transport. Leveraging Infinera's existing solutions, Seaborn has expanded its shared spectrum services in the Americas. Delivering flexible spectrum sharing services for both the core network and customer-specific applications is fundamental in enabling Seaborn to continue to lead the way in sustainable, high-quality, high-capacity [IP and content services](#) for the Americas.

"Seaborn is delighted to be side by side with Infinera as our technology partner as we move the needle once again in service delivery capabilities for the Americas," commented Paul Cannon, Vice President of Network Development at Seaborn. "With Infinera's solutions, Seaborn can offer a fully integrated spectrum solution across our subsea networks, which is fundamental to delivering sustainable capacity solutions to our customers while also enabling our larger customers to benefit from end-to-end spectrum capabilities with the freedom to select hardware and platforms in their existing high-capacity PoP locations. Once Infinera's ICE6 technology is deployed on our network this summer, Seaborn will be positioned to deliver industry-leading [400 GbE PoP-to-PoP services at distances over 10,000 km.](#)"

Seaborn operates two [high-capacity open cable systems](#), Seabras-1 and AMX-1, with connections between Brazil and the U.S. offering a range of managed digital services and wavelength services. With Infinera's submarine network solution, Seaborn offers its customers new, highly granular, all-optical spectrum sharing services. This is enabled by the Smart Spectrum feature within Infinera's Intelligent Power Management (IPM) solution. Smart Spectrum allows Seaborn to offer multiple virtual fiber pairs to its customers so they can take advantage of open cable demarcation, while being protected from potential optical power instability caused by other tenants on the same fiber pair. Infinera's 800G solution will enable Seaborn to enhance its network to deliver maximum capacity at the longest reach and offer enhanced service flexibility, while reducing operating costs and delivering savings it can pass on to its customers.

"Seaborn's ongoing commitment to Infinera's solutions underscores the value our technology delivers to network operators globally," said Nick Walden, Senior Vice President, Worldwide Sales, Infinera. "With Infinera's ICE6 800G solution, Seaborn will continue to capitalize on the benefits of Infinera's technology, providing its customers with access to cost-effective, high-performance, and high-capacity services."

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About Seaborn

[Seaborn](#) is a leading developer-owner-operator of submarine fiber optic cable systems addressing global communications needs across the Americas, including Seabras-1 and AMX-1 between Brazil and the USA. Seabras-1 is the only direct POP to POP system between São Paulo and New York metro, offering the most direct, low latency route between the B3 exchange in São Paulo and the trading exchanges of New Jersey. Seaborn's industry leading service delivery and performance combined with our IP and [Ethernet service](#) offerings broadens our solutions driven approach and commitment to always exceeding the service expectations of our customers. For more information, please visit www.seabornnetworks.com and follow us on [LinkedIn](#).

About Infinera

Infinera is a global supplier of innovative [open optical networking](#) solutions that enable carriers, cloud operators, governments, and enterprises to scale network bandwidth, accelerate service innovation, and automate network operations. Infinera solutions deliver industry-leading economics and performance in long-haul, submarine, data center interconnect, and metro transport applications. To learn more about Infinera, visit www.infinera.com, follow us on [Twitter](#) and [LinkedIn](#), and [subscribe for updates](#).

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This press release contains forward-looking statements, including but not limited to the technical, financial and operational benefits of deploying Infinera's ICE6 technology. These statements are not guarantees of results and should not be considered as an indication of future activity or future performance. Actual results may vary materially from these expectations as a result of various risks and uncertainties. Information about these risks and uncertainties, and other risks and uncertainties that affect Infinera's business, is contained in the risk factors section and other sections of Infinera's Quarterly Report on Form 10-Q for the Fiscal Quarter ended March 27, 2021 as filed with the SEC on May 4, 2021, as well as any subsequent reports filed with or furnished to the SEC. These reports are available on Infinera's website at www.infinera.com and the SEC's website at www.sec.gov. Forward-looking statements include statements regarding our expectations, beliefs, intentions or strategies and can be identified by words such as "anticipate," "believe," "could," "estimate," "expect," "intend," "may," "should," "will," and "would" or similar words. Infinera assumes no obligation to, and does not currently intend to, update any such forward-looking statements.