

## Fujitsu wins Leading Lights Award for most innovative optical networking product

September 25, 2023

The [Fujitsu 1FINITY™ Ultra Optical System](#) has been named the **Most Innovative Optical Networking Product** in the [Light Reading Leading Lights Awards](#). The Leading Lights Awards recognize the industry's top companies for outstanding achievements in next-generation communications technology, applications, services, strategies, and innovation.

The Fujitsu [1FINITY Ultra Optical System](#) is a hyper-reliable optical transport platform delivering extreme performance, automation and sustainability for long-haul and data center interconnect networks. This innovative optical networking solution features terabit speeds on a single wavelength, sustainable liquid cooling, greater capacity for seamless scaling, and advanced automation to optimize end-to-end service delivery.

The next-generation 1FINITY Ultra Optical System, which encompasses the [T900 Series Transponder](#) and the [L900 Series Open Optical Line System \(OLS\)](#), employs artificial intelligence (AI), machine learning (ML), the Fujitsu Virtuora Network Controller, and a powerful suite of tools in an open, easy to manage and sustainable platform for zero touch commissioning of optical networks.

“As capacity demands escalate, service providers and hyperscalers face continual pressure to improve sustainability and performance while cutting costs, as they deal with increased thermal loading concentrated in an ever-smaller footprint,” said Rod Naphan, senior vice president and head of the photonics systems business unit at Fujitsu. “The Fujitsu 1FINITY Ultra Optical System provides the ideal balance of cost, reach and capacity with simplified operation for true terabit optical networking at a lower cost/ per bit/ per kilometer.”

###