

enterprise networking

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Top 10 Optical Networking Solution Providers - 2019

A superior level of digitalization along with the influx of several innovative enterprise applications for business use has set never-seen-before demands on the underlying optical network infrastructure. For this reason, optical networks are undergoing a radical change from traditional static architectures to more dynamic, flexible, and adaptable design frameworks. As digital IT infrastructures become more modernized, the optical network solution providers of the future should equip their products with the capacity to handle rapid and on-demand provisioning, thereby supporting the emerging applications in a productive manner with lesser if not any downtime. These recent sophistications in the optical networking technologies are allowing greater programmability, higher speed, and more flexibility to businesses. Optical networking solution vendors are also implementing one-hop transmission between the network source and the sinks over optical wavelengths. This not only eliminates the

possibility of packet loss on nodes but also prevents malicious cycles.

That said, 5G wireless is projected to witness game-changing developments in 2019, and most optical networking solution providers are gearing up for the revamp. While standards are still being defined, internet service providers have already started rolling out 5G services in select markets throughout the U.S.

Staying at the helm of these technological advancements is our distinguished panel that has evaluated hundreds of leading-edge companies to help CIOs find the right optical networking solution provider. During our selection, we looked at the vendor's capability to fulfill the burning need for cost-effective and flexible networking solutions that can power next-gen applications.

In this edition of Enterprise Networking Magazine, we present to you the "Top 10 Optical Networking Solution Providers-2019."



Company:
Suncall America

Description:
Designs, develops and manufactures innovative fiber optic connections, adapters, and accessories customized for any application and built to exact specifications

Key Person:
Kazu Toyama
President

Website:
suncallamerica.com

Suncall America

Streamlining Quality and Reliability in Fiber Optics

“**I**magination is more important than knowledge. Knowledge is limited. Imagination encircles the world.”

This quote from Albert Einstein effectively captures and concisely communicates the power of imagination. From a purely business standpoint, imagination and creative problem solving are capable of ushering in plenty of benefits. And, who better to exemplify this statement than Texas-based Suncall America.

A company truly ‘Engineered by Imagination’, Suncall America with more than two decades of experience in the fiber optics industry, plays an instrumental role in the burgeoning optical networking landscape with its innovative and unique range of fiber optic and network connectivity solutions. Today, a fiber optics division of Suncall Corporation, Suncall America is an industry-leading provider of customized network connectors, adapters, and accessories for hundreds of clients and is well-positioned to meet even the most demanding of challenges. With its adept faculty and strong R&D wing, Suncall America works in collaboration with customers to design, develop, and manufacture advanced connectors, adapters, and accessories for the datacenter application, wireless communication, and telecom communication fields. “We conduct thorough market research before designing a product so that we can deliver not only a unique product for our customers but something that sustains in the future,” states Kazu Toyama, President of Suncall America.

With a proven commitment to customer-focused solutions, the company designs and delivers state-of-the-art LC network connectors and adapters, also called Small Form Factors or SFF that includes fiber optic passive connectors and connectors to address the optical connectivity requirements in the data center marketplace. Recognizing the need for space conservation, Suncall America enhanced their LC Internal Shutter Slimpack Adapter with trimmer dimensions. The New LC IS Slimpack Adapter is now only 9.4 mm high and is available in two different spring-latch configurations, allows its utilization in HD packaging. While the company’s topnotch and personalized LC connection solutions are widely used for datacenter applications, it also find significant application in the modified cell towers, rapidly replacing older

copper coax cables with fiber optic cables in the wireless communication domain.

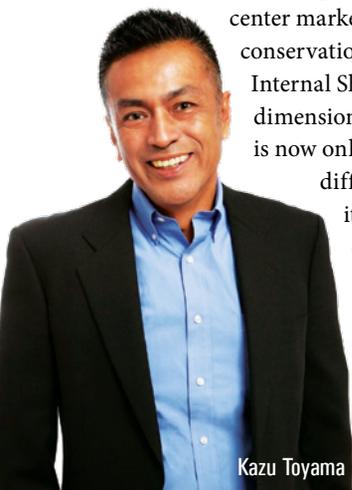
In a world of surging internet-connected devices and increasing public demand for uninterrupted network connection, Suncall America brings in its industry-dominating series of SC connectors and adapters for meeting the varying requirements in the telecom communication industry. The company’s SC series of optical fiber connectors and adapters provide seamless and efficient fiber to the home (FTTH) connection units of all sizes, thereby establishing a speedy domestic communication system. “We take pride in providing innovative solutions to the evolving industry. Our technical knowledge with in-house engineering and manufacturing departments allows us to provide customized solutions and support to our clients,” says Toyama. Suncall America follows rigorous testing and quality control in every stage of manufacturing—designing, injection moulding, testing, measuring, dimensions, technical documentation, and production.

“**We conduct thorough market research before designing a product so that we can deliver not only a unique product for our customers but something that sustains in the future**

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The company’s vast business expertise along with a dominant R&D wing ascertains its unique position in the market as a trusted and viable partner, who can implement quality and reliability in control and management in the optical networking industry.

Suncall America strives to continually improve its existing products as well as design and develop new solutions in the fiber optics landscape. Its two new products under development are the MPO internal shutter adapter and the SC internal shutter adapter, which caters extra protection to technicians from laser exposure while reducing dust and debris. The company expects a constant 20 percent annual increase in sales for the next five years and looks forward to establishing its patronage in Europe soon for delivering better and quick service to customers. **en**



Kazu Toyama