

VERSITRON Empowers Smarter Networks with PoE Switches, SFP Modules, and Fiber Optic Converters

VERSITRON advanced managed PoE switches, SFP modules, and fiber optic converters, offering secure, highperformance network solutions for critical sectors.

NEWARK, DE, UNITED STATES, July 25, 2025 /EINPresswire.com/ -- VERSITRON, a recognized provider of reliable fiber optic communication solutions, empowers smarter networks across organizations with its product lineup comprising <u>managed power over</u> <u>Ethernet (PoE) switches</u>, advanced small form-factor pluggable (SFP) and fiber optic converters. These products offer secure, high-bandwidth



High-Performing PoE Switches, Fiber Optic Media Converters and SFP Modules

connections, extending transmission distances while ensuring immunity to electromagnetic interference (EMI), radio-frequency interference (RFI), and transients. With a mean time between failures (MTBF) of over 14 years and backed by a lifetime warranty, these products ensure reliable, long-term performance.

VERSITRON is focused on delivering products that not only meet today's connectivity requirements but anticipate tomorrow's challenges."

> R.W Tull, President at VERSITRON

Enhanced Network Solutions: Managed PoE Switches

VERSITRON's managed PoE switches are built to streamline data, voice, and video transmission over a single network cable. Available in Gigabit and Industrial Managed configurations, these switches deliver high-speed, energyefficient performance to meet the needs of various sectors. They support IEEE 802.3af/at standards, offering up to 30 watts of power per port, which is ideal for powering devices like IP cameras, VoIP phones, and wireless access points over the same Ethernet cable. This eliminates the need for extra power supplies and simplifies deployment, allowing businesses and organizations to expand their networks with ease.

These switches also feature remote management, enabling network administrators to configure, monitor, and troubleshoot systems from anywhere, ensuring uptime and minimizing delays. The advanced management options include VLAN, QoS, and SNMP support, which offer greater control over network performance and security. With options for both standalone and rack-mounted installations. Whether for secure government installations, military operations, or large-scale system integration projects, these switches ensure reliable and secure network infrastructure.

Versatile and High-Performance SFP Modules

For businesses requiring reliable fiber optic connectivity, VERSITRON offers a comprehensive selection of <u>SFP (Small Form-factor Pluggable) modules</u>, including Single Fiber SFP, Bidirectional SFP, and 10GB SFP models. These modules provide seamless data transmission over fiber optic cables, ensuring faster speeds and longer distances than traditional copper-based systems.

The Single Fiber SFP module enables two-way communication over a single fiber strand, reducing installation complexity and cost. Additionally, the Bidirectional SFP modules allow for reliable bi-directional transmission over single-mode fiber, ensuring flexibility for various applications. For high-speed connections, the 10GB SFP modules are built to handle intensive data flows, offering businesses the capability to meet increasing bandwidth demands.

Reliable and Cost-Effective Fiber Optic Media Converters

VERSITRON's fiber optic media converters are another key component of its network solutions, enabling the conversion of Ethernet to fiber and vice versa. The company's product range includes Ethernet to Fiber Media Converters, <u>Gigabit Fiber Media Converters</u>, Single Mode and Multimode Fiber Media Converters, and SFP to Ethernet Media Converters. These converters provide seamless connections between different network types, offering extended distances and immunity from interference.

Ideal for both upgrading existing networks and supporting large-scale deployments, these converters ensure businesses and agencies can extend Ethernet networks with minimal infrastructure changes. Whether for military operations, government networks, or complex system integrations, they provide robust, secure connectivity in the most demanding environments.

A Reputation Built on Trust and Innovation

Since its founding in 1958, VERSITRON has earned a reputation as a trusted source for fiber optic

technology. With tens of thousands of installations worldwide, the company has been a reliable partner in communications for various industries, including government, military, and commercial sectors.

"VERSITRON is focused on delivering products that not only meet today's connectivity requirements but anticipate tomorrow's challenges," said R.W Tull, President at VERSITRON. "Our goal is to help organizations improve their network infrastructures with products that ensure secure, high-performance, and reliable connections, no matter the application."

About VERSITRON

VERSITRON is a leading provider of connectivity solutions, specializing in data, voice, and video communication technologies. The company offers a range of high-performance products that bridge the gap between copper and fiber networks. VERSITRON is known for its commitment to quality, reliability, and customer satisfaction, making it a trusted partner for businesses around the globe.

Richard Tull Versitron Inc. +1 302-894-0699 sales@versitron.com Visit us on social media: LinkedIn Facebook YouTube X Other

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