

Positron Inc.

Corporation at a Glance

Founded	1970
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Websites	www.positronaccess.com www.aktino.com www.positronpower.com www.positrontelecom.com
Ownership	Private
Offices	Canada and the United States

Business

Positron is a holding and operating company that develops and manufactures telecommunications equipment for high reliability, critical service applications. Positron Inc. has several high-tech operating subsidiaries in the telecom domain, including Positron Access Solutions, Positron Telecommunications Systems and Positron Investment Corporation. With offices in Irvine, CA and Montreal, QC, Positron's global footprint extends from the United States and Canada through Europe, Latin America, Australia, Asia and the South Pacific.

Industry Recognition

Positron's products meet the highest industry standards and are certified by the following:

- NEBS, FCC, IEEE, UL/CSA, Bell Labs/Telcordia, ISO 9001
- MEF Certified Compliant

Awards

- Institute of Electrical and Electronic Engineers (IEEE) award for leadership in developing new technologies
- Canada Export Award

Divisions

Positron Access Solutions

Positron Access Solutions manufactures telecommunications equipment including fiber optic transmission equipment (Transport Division) for SONET/SDH and packet based carrier networks as well as carrier-class bonded copper solutions (Aktino Division).

- **Transport Division**

Positron develops and manufactures a broad portfolio of fiber optic transmission equipment for applications including Metro Ethernet Networks, Core transport networks, access and edge aggregation, wireless and triple-play backhaul, and thin-route access transport. The Positron portfolio includes the OSIRIS and OSIRIS Compact multi-service platforms (MSP), integrated access solutions for the rapidly expanding synchronous optical network (SONET/SDH) broadband markets. OSIRIS delivers a simple-to-deploy solution for multi-service traffic such as data, voice, and video with the full robustness and availability of SONET-based fiber optic rings for the most demanding carrier applications. With over 25,000 nodes deployed worldwide, OSIRIS has a demonstrated track record of reliability and ease-of-use throughout the world.

Positron's Converged Access Device portfolio includes the pseudowire based AEX-50/100 and Ethernet over PDH based AEX-55/110 terminals and aggregators for the edge of access and metro networks. The portfolio provides end-users and carriers flexible choices for backhaul of today's mix of voice and data services for wireless, business services and triple-play offerings.

- **Aktino Division**

Aktino provides carrier-class bonded copper solutions that enable carriers to deploy Ethernet and DS3 services faster while obtaining fiber-like bandwidth on a copper budget. It extends reliable high bandwidth over a Carrier Service Area, providing a cost effective and extended Ethernet service footprint for the carriers. Aktino products deliver five to 100 Mbps Carrier Ethernet and DS3 TDM solutions, making them ideal for applications by providing Ethernet services for Business, DSLAM backhaul and cell site backhaul applications.

Power Division

Positron develops and manufactures high voltage isolation products to protect telecommunications circuits entering substations, power generating plants and any high voltage area that is susceptible to the effects of Ground Potential Rise (GPR). Positron is the market leader in providing high quality, reliable fiber and copper based isolation equipment that meets the highest industry standards. Worldwide, there are more Positron isolator circuits deployed than any other vendor. Positron is the only equipment vendor in the market to offer a complete line of copper (Teleline) and fiber based (TeleLite) high-voltage isolation/protection solutions.

Positron Telecommunication Systems

Positron Telecommunication Systems Inc. develops and markets sophisticated VoIP equipment for enterprise communication and collaboration through communication service providers. The company's products integrate VoIP and traditional telephony in stand-alone systems that combine ease of use with powerful functionality.

Positron Telecommunication's VoIP devices connect analog devices (telephone, fax and modem) to an IP-Network, gateways connect PSTN users to an IP Network or analog PBX, as well as Key Systems to an IP-Network.