

# **Product Line Card**

Established in 1985, PSI is a supplier of reliable, cost-effective networking technologies, featuring high-bandwidth backhaul using WDM, broadband access/ PON and Ethernet switching. PSI offers network security products as well as legacy TDM products. PSI is the master distributor of the IMACS TDM product line.



#### CERTES NETWORKS SECURITY

Certes provides Zero-Trust Architecture solutions using its patented L4 encryption

- ♦ Simple, Scalable and uncomplicated.
- ♦ Secure FIPS 140-2 and Common Criteria certified
- ♦ Compliance solutions for NERC/CIP. CJIS. HIPAA. PCI. etc.
- ♦ Fully transparent: No network hardware, configuration or network management changes needed
- Micro-segmentation though encryption policies and packet filtering
- ♦ Centralized management makes deployment and management quick and easy.
- ♦ Real-time observations of network traffic enhanced with NetFlow and packet capture options

## **DZS IMACS**



The DZS IMACS supports many mission critical applications, including SCADA, public safety, SS7 networks, power companies transportation, to name a few.

# HIGH-BANDWIDTH BACKHAUL, WDM, ETHERNET **SWITCHING**

- ◊ GbE, 10GbE, 100GbE
- ♦ Core and edge "Top-of-rack" solutions
- ♦ Carrier Ethernet / MPLS
- ♦ SDN /NFV support

Tejas, SmartOptic, Arista, Edge-core and others.

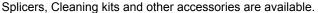
Highlight: DZS O-Series WDM: A highly scalable CWDM/DWDM transport, offering complete service aggregation and transportation solutions and is designed for environmental extremes. Delivering greater than 100Gb/s while aggregating lower bit-rates with flexible CWDM/DWDM options, including ring, point-to-point and mesh.

#### **FIBER OPTIC CABLING & ACCESSORIES**

PSI offers single / multimode fiber at highly competitive prices. Most products meet the "Buy American" standards required for RUS, RDOF and other overnment sponsored programs.



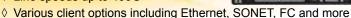
A large variety of options including ADSS, SJNA, SJSA, Drop/Distribution, etc. Discrete and ribbon options available in G.652 and G.657 glass.





## WDM - SMARTOPTICS, DZS, TEJAS

- ♦ WDM / OTN
- ♦ Line speeds up to 400G+



- ♦ Transponders/Muxponders
- ♦ Multi-degree ROADM
- Fixed and programmable amplifiers
- ♦ Passive Mux/Demux/OADM
- ♦ Extended Temperature range options

DZS, SmartOptics, Tejas and others

## **Highlight: SmartOptics DCP-R**

- Completely automatic optical setup, just like using a passive multiplexer
- Automatic detection and adjustment of the distance and dispersion compensation
- ♦ CWDM/DWDM/ROADM
- Many encoding supported including:
- ♦ PAM4, 400ZR OIF, NRZ & coherent wavelengths
- ♦ Legacy formats: Ethernet, FC, SONET/SDH, OTN, and more
- ♦ Ring and mesh topologies up to 9-degree ROADMs
- CDC-F capable (colorless, directionless, contentionless and FlexGrid)
- ♦ OpenROADM NetConf/YANG support
- ♦ TransportPCE SDN controller supported
- ♦ SoSmart software suite for management

#### FIBER-TO-THE-X (FTTx)

PSI has a long history of providing FTTx solutions including GPON, XGSPON and Active-E.



Currently offering solutions from DZS, Tejas and Tibit.

Highlight: Tibit Microplug OLT on an SFP: a next-generation SFP module designed to virtualize XGSPON networking by embedding the OLT functions into the SFP. The PSI solution provides an advanced L2/L3 firmware that provides all of the IP management, routing, NAT, firewall and other features expected on a "core" router.

Brands: DZS, Certes Networks, SmartOptics, Lexington-Ames,

Tibit, Arista, Edge-core, Advantech, Tejas

Categories: Cybersecurity, WDM/OTN, Switching/Backhaul Network

Transport, TDM & Telecommunications,

Fiber-to-the-X PON/XGSPON, Fiber cabling & accessories



