



# Open • Secure • Scalable

Empowering next generation optical networks - whether you're delivering services to millions or safeguarding critical infrastructure.

[www.packetlight.com](http://www.packetlight.com)

# Smarter Optical Transport Solutions

Engineered for performance, designed for freedom

PacketLight delivers high-capacity DWDM and OTN platforms that support the transport of data, storage, video, and AI workloads across dark fiber and WDM networks. From metro networks to ultra-long-haul backbones, our integrated devices support up to 51.2Tbps per fiber, 8T per device, and 800G per wavelength. Our next generation solutions are tailored to accelerate the evolving demands of AI workloads across the full spectrum of private and public infrastructure.

Designed for real-world flexibility, PacketLight systems - DWDM and OTN muxponders/transponders, ROADM, and embedded encryption are modular, interoperable, and built on a pay-as-you-grow architecture, ensuring high availability and full visibility across any deployment. All while reducing operational complexity and total cost of ownership.



## Why PacketLight Wins

PacketLight combines everything you need to achieve Tier 1 performance, without Tier 1 complexity.



## Open & Interoperable

Multi-vendor, standards-based, no license traps or vendor lock-in.



## Modular & Scalable

Pay-as-you-grow, add capacity or functions as needed, repurpose devices.



## Secure by Design

Layer-1 encryption, QKD-ready, compliance built-in



## Easy to Deploy

Plug-and-play simplicity with easy provisioning, integrated management (NMS)



## High ROI

Low power, space-efficient, cost-effective ownership

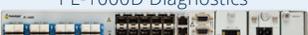
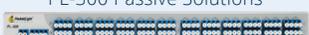
“PacketLight’s solution met our strict requirements for a solution that delivers low latency, the very best physical layer security, and allowed our client to cost-effectively grow at their own pace.”

- **Marcin Bala**  
CTO, Salumanus

# Our Solutions: The Modular Portfolio

Built on pay-as-you-grow architecture, PacketLight solutions offer a fully modular, interoperable framework. This enables you to expand seamlessly as your network evolves — by adding capacity, new services, and network sites as needed. It enables expanding geographic reach and transitioning topologies. Scale efficiently, without disruptive replacements, hidden licensing fees, or losing previous investments.

## Product Portfolio

<b>800G</b>	PL-8000M 1.6T   2x800G Muxponder 	PL-8000G 8T   10x800G Transponder 	
<b>400G</b>	PL-4000M 600G   400G/2x300 Muxponder 	PL-4000T 1.6T   4x400G Transponder 	PL-4000G 4.8T   12x400G Transponder 
<b>200G</b>	PL-2000M 200G Muxponder 	PL-2000T 800G   4x200G Transponder 	
<b>100G</b>	PL-2000ADS 200G   2x100G Muxponder/ADM SH 	PL-2000GM 200G   2x100G Muxponder/ADM LH 	
<b>20G/10G</b>	PL-2000 2x10G OTN Muxponder/ADM 	PL-1000TN 6x10G OTN Transponder 	PL-1000TE 8x10G Transponder 
<b>Optical Infrastructure</b>	PL-1000RO ROADM  PL-1000GRO 1:32 ROADM 	PL-1000GIL EDFA / OLP  PL-1000D Diagnostics 	PL-1000GR Raman Amplifier  PL-300 Passive Solutions 

• **25+**  
Years of  
Expertise

• Deployed  
in **65+**  
countries

• **20,000+**  
Devices  
in Live  
Networks

# Resilient, intelligent optical transport networks for public, private and mission-critical organizations



## Telecom & Carriers

Long-haul, metro, and DCI connectivity with SLA-based services.



## Data Centers

High-capacity interconnect, dark fiber monetization.



## Enterprises & Financials

Secure, encrypted low-latency links for sensitive workloads.



## AI/GPUaaS Providers

8T | 800G-ready devices, fully redundant, ultra-low-latency optical transport.



## Government & Public Sector

Compliance-ready encryption with resilient infrastructure.



## Smart Cities & Utilities

Real-time, jitter-free backbone for latency-sensitive IoT and control traffic.

"I would especially like to thank the team at PacketLight Networks for making this solution even better than we had imagined."

- **Ivan Žilić Schmidt**  
Director of Technology,  
PIT Chile

Talk to a Packetlight Expert Today  
[info@packetlight.com](mailto:info@packetlight.com)

**Optimize Your Network.**  
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