



FOR IMMEDIATE RELEASE

**Polatis Launches New Protection Services Switch (PSS)  
for Simple, Cost-Effective Wavelength and Fiber Services Protection**

*All-optical solution enhances resilience of enterprise and service provider networks*

Bedford, MA and Cambridge, UK – June 24, 2015 -- Polatis, the performance leader in all-optical switching, has launched the Polatis 6000n Protection Services Switch (PSS), an intelligent all-optical solution for protection against fiber layer network failure. The PSS is a compact and cost-effective alternative to the 1+1 protection switch modules used in multiservice provisioning platforms to create redundant network paths for wavelength and dark fiber services. By packing up to 16 protection switch module functions into a low-power, compact 1RU form factor, the PSS offers a high density solution for network path protection and frees equipment card slots for revenue-generating services. The PSS integrates seamlessly with existing network equipment and can be easily integrated with the customer's Element Management System.

"With accelerating demand for bandwidth and cloud services driving line rates beyond 100Gb/s at a rapid pace, the risk of losing business continuity due to fiber failure is an increasing threat to service providers and enterprises. Yet, redundancy at the fiber layer is often not economically feasible," said Gerald Wesel, President and CEO of Polatis. "The introduction of our Protection Services Switch brings both Capex and Opex benefits for ensuring carrier-class network availability and the guaranteed continuous flow of data."

The PSS can protect up to 16 fibers paths in a low profile 1RU form factor and is based on Polatis' DirectLight all-optical switch technology which sets the industry standard for performance and reliability. Switch and restoration times are better than 30ms even with simultaneous events on all 16 paths, which ensures that higher layer network equipment will not experience service interruption due to fiber line degradation or failure. Because the PSS uses an all-optical switching platform, it is line rate, protocol and format agnostic, providing a future-proof investment. The low latency and high performance of the PSS is ideal for protecting Data Center Interconnect links and wavelength/fiber services.

"The Polatis 6000n Protection Services Switch enables new system configurations for cost-effective protection of wavelength and fiber services, with software-defined intelligence to automatically protect and restore fiber paths, seamlessly," said Kathi Bomar, Technical Solutions Architect at World Wide Technology. "Given the opportunity to add fiber layer protection at an attractive price point to high capacity network segments, it makes sense to enhance availability."

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## NEWS RELEASE

WWT is deploying the Polatis 6000n PSS in a network architecture to protect wavelength services in Cisco 15454 Multiservice Provisioning Platforms for a Fortune 50 retailer's private metro network.

The Polatis 6000n PSS supports manual or fully automated protection switching and restoration based on user-defined thresholds. The compact form factor and low power consumption of the PSS reduces operational costs, with plug-and-play features ready for service out of the box without the need for complex configuration.

The Polatis 6000n PSS is available immediately and available in 4, 8 and 16 line pair configurations. For more information [click here](#).

### **About Polatis**

Polatis delivers the world's lowest loss SDN-enabled all-optical switching solutions for remote fiber-layer provisioning, protection, monitoring, reconfiguration and test, with over 2 billion port-hours accumulated in-service. Dependable, field-proven DirectLight™ dark fiber optical matrix switch technology scales from 4x4 to 192x192 ports with typical loss below 1dB, applying class-leading performance and reliability to provide dynamic fiber cross-connects for software-defined telecommunications, data center, government, test and video networks. For more information, please visit [www.polatis.com](http://www.polatis.com).

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