

5100, 5200 ADVANCED SERVICES PLATFORM for Enterprises



Features & Benefits

- **Convergence design simplicity:** Design and optimization of small to mid-sized WDM networks with the assistance of planning tools
- **Multi-application platform:** Network convergence via complete bit-rate and protocol independence support for secure transport over a single, scalable WDM infrastructure; monitoring of network performance
- **Reduced Total Cost of Ownership (TCO):** Straightforward architecture for optimized footprint and wavelength utilization, with a cost-optimized CWDM solution for smaller networks and enterprise access applications
- **Fault-tolerant, reliable architecture:** Field-proven, high-availability (99.999 percent) product, built to industry standards for the support of mission-critical services (< 50 msec fault recovery, GDPS® and NEBS/ETSI compliant, in-service upgrades and more)
- **Scalable platform:** Adaptable to smaller and/or larger networks with simple provisioning of wavelengths on an as-needed basis; cost-effective initial deployment with modular growth

The 5100 and 5200 are the leading convergence platforms for Wavelength Division Multiplexing (WDM) applications. Converging multiple networks into a simple, scalable and secure network has never been so affordable and simple. The 5100 and 5200 offer an open, scalable, high-availability (99.999 percent) architecture ideal for applications such as business continuity and disaster recovery, Ethernet transport, optical storage connectivity and fiber relief.

With optical-in/optical-out infrastructure, the bit rate- and protocol-independent interfaces can support any application either transparently over a WDM network or mapped to Generic Framing Procedure (GFP) for transmission over a service provider's existing SONET/SDH infrastructure. The 5100 and 5200 use common hardware interfaces and software for deployment, sparing and management simplicity. Managing the increasing volumes of data continuously generated by corporations today can seem like an overwhelming task. Enterprises require leading-edge, flexible networks to meet their growing business and data needs.

The 5100 and 5200 offer such a solution. The platform supports the transparent transport of any application using native protocols and the convergence of multiple networks into a simple, scalable and secure network. This platform extends optical connectivity from the enterprise edge to the metro core. As shown in Figure 1, the 5100 and 5200 offer enterprises the following: a scalable converged WDM platform, reduced Total Cost of Ownership (TCO) through network simplification and a secure solution for the delivery of mission-critical applications.