

5100, 5200 ADVANCED SERVICES PLATFORM

for Service Providers



Features & Benefits

- **Multiservice platform:** Delivers a comprehensive set of service and applications ranging from 8 Mb/s to 10 Gb/s with complete bit-rate and protocol independence for service forecast tolerance
- **Reduced Total Cost of Ownership (TCO):** A simple architecture that optimizes footprint and wavelength utilization for lowest cost per service, as well as automates planning and deployment through automated processes
- **Fault-tolerant, reliable architecture:** Field-proven, carrier-grade product, built to industry standards for the support of mission-critical services (< 50 msec fault recovery, 99.999 percent system availability, OSMINE and NEBS/ETSI compliant, GDPS® certified, 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 metro broadband services delivery platforms. It offers 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 transport any service type either transparently over Wavelength Division Multiplexing (WDM) or mapped to Generic Framing Procedure (GFP) for transmission over existing SONET/SDH infrastructure. The 5100 and 5200 use common hardware interfaces and software and integrate seamlessly with the Ciena optical portfolio as part of a true end-to-end network solution.

Managing the increasing volumes of data continuously generated by corporations today can seem like an overwhelming task. Both public and private network operators must face the uncertainty associated with forecasting and cost-effectively supporting a broad array of new high-capacity data services being demanded in metropolitan and campus area networks. Service providers require leading edge, secure, scalable, 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 optical wavelength-based services in their native format, extending the optical connectivity from metro core to metro edge, including customer premises.