

CN 3605™

Multiservice Access Edge Multiplexer

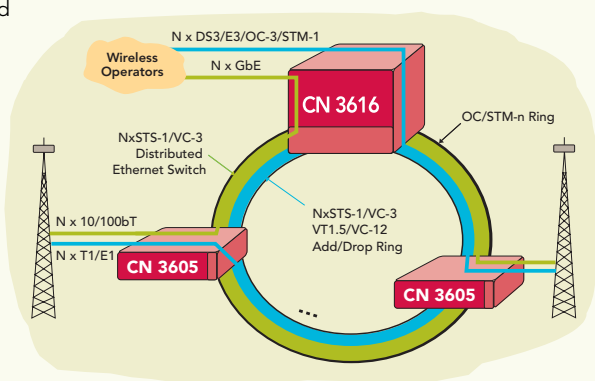


VERSATILITY AND RELIABILITY IN A COMPACT SHELF The CN 3605 is a next-generation SONET/SDH and Ethernet edge access platform that allows service providers to quickly and cost-effectively deploy packet and TDM services over their existing infrastructure in a variety of configurations. The compact, two rack-unit high CN 3605 shelf aggregates a combination of 28 x DS1 (or 21 x E1), 3 x DS3 (or 3 x E3), 6 x 10/100, and 2 x Gigabit Ethernet services onto dual OC-3/12/48 or STM-1/4/16 trunk interfaces. The CN 3605 delivers carrier-class reliability with UPSR/SNCP ring support, optional linear 1+1 APS/MSP facility protection and 1:1 equipment protection on the optical trunk interfaces.

A COMPLEMENTARY SOLUTION The CN 3605 is ideally suited for deployment in metro access rings, customer premise locations and outside plant cabinets. In these applications, the CN 3605 complements the CN 3600™ Multiservice Transport Platform—Ciena's industry-leading metro transport network solution. As with Ciena's flagship CN 3600 product family, the CN 3605 platform is a truly global solution, supporting both ANSI/SONET and ETSI/SDH multiservice edge environments.

ETHERNET SWITCHING AND TRANSPORT Ciena's CN 3605 integrates Layer 2 Ethernet switching and statistical multiplexing functions to enable delivery of point-to-point and multipoint Ethernet services. Advanced features, such as 802.1Q/p VLAN prioritization and intelligent flow control mechanisms, support differentiated classes of service and carrier-grade SLAs. In addition, the CN 3605 platform implements standards-based GFP, LCAS, and VCAT (both Low-Order and High-Order), to maximize Ethernet over SONET/SDH (EoS) bandwidth efficiency and lower the cost of service delivery.

APPLICATION EXAMPLE The CN 3605 is ideally suited for wireless backhaul applications where service providers are looking to migrate to a unified network that supports both TDM voice and new 3G/UMTS/Edge data services. The hybrid design of the CN 3605, which integrates STS-1 and VT1.5 level grooming as well as Ethernet switching, eliminates the need for multiple overlays to support new data services. The CN 3605 also incorporates Low-Order VCAT technology to improve utilization of circuits currently being leased for data



FEATURES & BENEFITS

- » Delivers affordable Ethernet/IP and TDM service delivery for metro-access and wireless backhaul applications
- » Offers service variety and scalability at the edge by multiplexing DS1/E1, DS3/E3, 10/100 and GigE ports into flexible OC-3/12/48 or STM-1/4/16 network uplinks
- » Provides integrated L2 Ethernet switching and EoS transport using GFP, LCAS, and VCAT (HO & LO)
- » Features carrier-class design that supports linear and ring topologies on the high-speed optical ports with optional 1+1 network protection, and 1:1 equipment protection
- » Uses the same ON-Center® Management System as the CN 3600 family to deliver fast, intuitive service provisioning and management