

CN 3600™

Intelligent Optical Multiservice Switch



THE CN 3600™ INTELLIGENT OPTICAL MULTISERVICE SWITCH is an advanced Next-Generation SONET/SDH Multiservice Provisioning Platform with industry-leading integrated Digital Cross-connect System (DCS) capabilities. The CN 3600 is the perfect solution for small office DCS, large office legacy DCS growth, international gateway and next-gen SONET/SDH ADM applications. The CN 3600 delivers OC-3 to OC-192 SONET, DS1, DS3/EC-1, equivalent SDH services as well as Ethernet services with scalable switching fabrics for DCS applications.

For DCS applications, the CN 3600 offers savings up to 50% in equipment, 70% in power and 80% in space utilization over legacy systems. Efficiencies are gained from optical and electrical transmux features with advanced VT1.5 and STS switch matrices that scale to fit the needs of small and medium-sized central offices and also large-office DCS cap-and-grow strategies. The CN 3600 replaces central office M13s, ring terminating ADMs and legacy DCS growth requirements.

For international gateway applications, the CN 3600 offers a single platform supporting both SONET and SDH translation, transport and switching eliminating the need for multiple ADMs with separate software and tediously managed low order multiplexers. Savings up to 50% in capital costs and 90% in space are often realized.

AS A NEXT-GEN ADM, THE CN 3600 OFFERS AN INNOVATIVE COMBINATION OF CAPABILITIES DRIVING OC-48 TO OC-192 UPGRADE COST SAVINGS OF 30%, RING BANDWIDTH SAVINGS OF 40% AND SPACE SAVINGS OF 70%. Full support of Ethernet GFP/VCAT/LCAS ensures bandwidth optimization, service flexibility and interoperability across multi-vendor networks. Per-node distributed DCS capabilities minimize ring bandwidth and DCS port requirements in the central office.

FEATURES & BENEFITS

- » Provides full SONET/SDH ADM and DCS functionality on a single platform
- » Cap, grow, and extend the life of legacy DCS
- » Perform SONET/SDH translations for international gateway applications
- » Deliver Ethernet over SONET for IP DSLAM aggregation and data private line services
- » Scalable 20, 16 & 6 slot chassis options

