

3920 SERVICE DELIVERY SWITCH



Features and Benefits

- Offers compact (1RU) next-generation GbE service delivery for business and transport applications, including wireless backhaul
- Supports 8 GbE 10/100/1000 BaseTX subscriber UNI ports with RJ45 connectors, 4 GbE 100/1000BaseX NNI/UNI ports with Small Form-factor Pluggable (SFP) connectors, and fixed AC or DC power supplies
- Provides front access to all power, data, and management interfaces, and is suitable for deployment in cabinets and conditioned telecom huts
- Architected with a state-of-the-art hardware design and field-proven, modular service-aware OS for reliability and resiliency
- Provides advanced Ethernet switching, control, and VLAN features with comprehensive QoS and Ethernet OAM, for guaranteed Service Level Agreements (SLAs)
- Ensures future-proof investment protection, with all ports GbE-ready for easy upgrade from 100 Mb/s
- Supports diverse network topologies, including fiber rings, point-to-point fiber, dual-homed network uplinks, fiber or copper network uplinks, fiber or copper to subscriber

Ciena's 3920 Service Delivery Switch (SDS) is a next-generation Ethernet access system that cost-effectively delivers business and transport Ethernet services via fiber or copper connections. It features a high-capacity switching fabric with all-Gigabit Ethernet (GbE) ports in a compact single rack unit (1RU) ETSI form factor that provides front access to all data, management, and power interfaces.

This efficient packaging design enables the 3920 to be deployed in a wide variety of physical environments with service-delivery switch topologies supporting business customers, wireless backhaul providers, and MTU/MDU scenarios.

The 3920 is based on Ciena's field-proven True Carrier Ethernet® technology, deployed by dozens of network operators in tens of thousands of homes and businesses. It combines the low cost and high capacity of Ethernet with the reliability, management, and service quality usually associated with SONET/SDH networking systems. The 3920 software architecture is based on a common service-aware

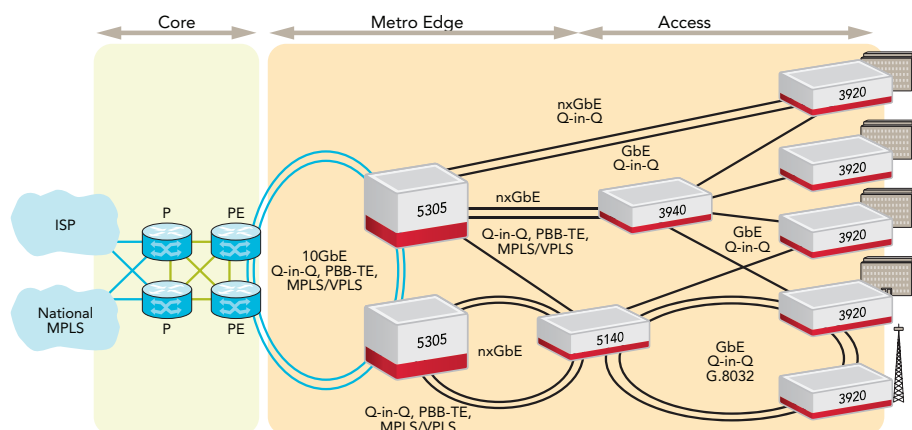


Figure 1. 3920 deployment diagram