

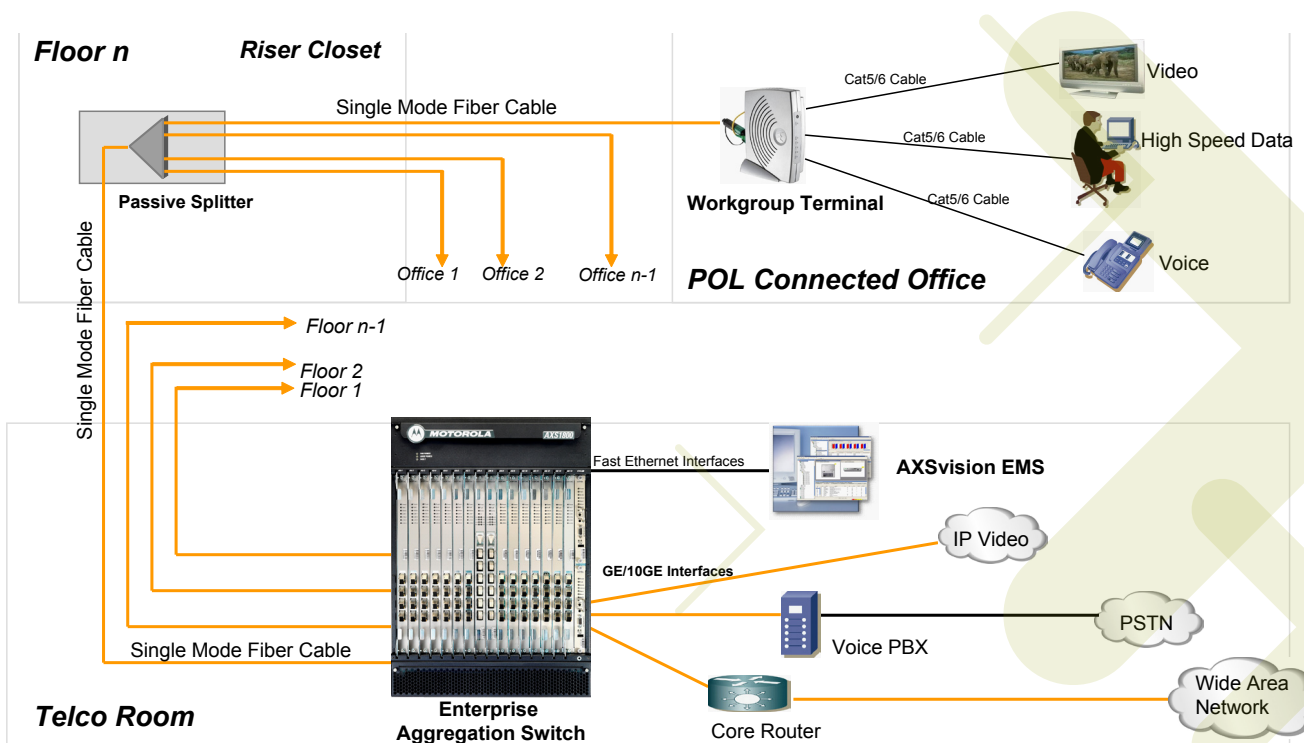


MOTOROLA PASSIVE OPTICAL LAN SOLUTION



Experience the Motorola difference. From the datacenter to the desktop, Motorola's Passive Optical LAN solution increases the size of the network building block and simplifies enterprise network deployment, operation, and management.

Motorola's Passive Optical LAN (POL) solution is a highly reliable and economically disruptive enterprise LAN solution providing all-fiber access to any Ethernet end point such as end user devices, access points and wireless controllers, application servers and printers. Motorola's POL solution is based on proven Passive Optical Networking (PON) technology and provides enterprises with the ability to rapidly address their evolving LAN requirements while dramatically simplifying the enterprise LAN and greatly reducing total life cycle costs.



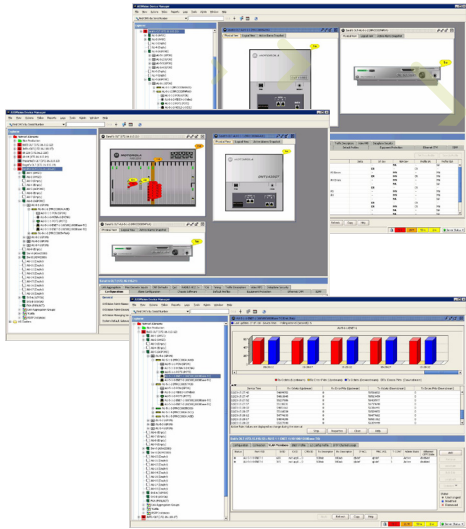
AXS1800: Enterprise Aggregation Switch (EAS)

The Motorola Enterprise Aggregation Switch (EAS) is a high density layer 2 aggregation device that extends fiber directly from the data center to the desktop. It is designed to deliver quality IP-voice, high-throughput data, and any type of video over a highly reliable and secure optical network. Based on the same Motorola passive fiber optic technology deployed in carrier networks around the world, the Motorola EAS delivers very high reliability, providing IT managers the opportunity to focus on new IT projects and business needs while delivering a high quality Web 2.0 experience throughout the enterprise.



AXSvision Graphical User Interface (GUI)

AXSvision unleashes the power of Motorola's advanced Passive Optical LAN solutions by simplifying the creation and delivery of advanced enterprise services.



AXSvision Features:

With Motorola's AXSvision, IT managers can

- Simplify provisioning and management of their local area networks
- Quickly isolate faults and identify network outages
- Centrally troubleshoot and correct service problem and system performance issues
- Support hundreds of simultaneous GUI client sessions
- Perform on-demand and scheduled Work Group Terminal (WGT) and network backup upgrades
- Easily integrate AXSvision into existing operational environments with standards-based XML interfaces

Enterprise Work Group Terminals (WGT)

Motorola's carrier class Enterprise Work Group Terminals (WGT) extend the fiber to the edge of the access network to enable the delivery of voice, video and high bandwidth data services. Motorola's WGTs are easily deployed in support of enterprise users and applications and provide line-rate gigabit services at distances of up to 20km from the core switch, thereby reducing the cost and complexity of the local area network.



WT21004: PoE Work Group Terminal

Motorola's WT21004 delivers a full range of services over a secure and converged all-optical local area network and features four Power-over-Ethernet (PoE) ports that can provide power to VoIP phones, wireless access points, and security cameras.

- Ideal for corporate enterprise settings
- Equipped with 4x 10/100/1000bT PoE Ethernet ports for voice, video and wireless
- Offers integrated battery backup: 2 Li-ON batteries, supplying 30W on the PoE ports for up to 45 minutes
- Supports IP voice, high speed data and IP video



ONT1120GE: Enterprise Work Group Terminal

The Motorola ONT1120GE workgroup terminal provides a cost-effective, scalable solution for initial rollout or full deployment and is designed to deliver a full range of advanced services.

- Ideal for corporate enterprise settings
- Provides 4x 10/100/1000bT Ethernet ports
- Supports IP voice, high speed data and IP video



SF24210: RF Work Group Terminal

The Motorola SF24210 enables the delivery of RF video services in addition to data services over the all optical secure converged local area network.

- Ideal for corporate enterprise settings, dormitories, hospital rooms and airport terminals
- Equipped with 1x 10/100/1000bT, 3x10/100bT Ethernet ports
- Provides 1 F connector to support RF video
- Supports IP voice, high speed data and any type of video (RF and IP)



ONT6000GET: High Density Work Group Terminal

Motorola's ONT6000GET is easily deployed into areas where high concentrations of stationary Ethernet devices or applications exist and enables the delivery of secure, converged networks.

- Ideal for corporate enterprise settings, high rise buildings, dormitories, hospital rooms and airport terminals
- Provides 12x 10/100/1000bT Ethernet ports
- Provides 1 F connector to support RF video
- Supports IP voice, high speed data and any type of video (RF and IP)

Benefits of Passive Optical LAN

Motorola's Passive Optical LAN Solution provides compelling benefits over the traditional router/workgroup switch approach. Significant savings are realized in almost every aspect of an implementation: equipment costs, power, cooling, installation, and management space. Motorola conducted an independent study to compare existing work group based LAN networks with Passive Optical LAN economics. The combination of capital and operational cost savings equate to significant benefits to the enterprise looking to draw cost out of existing IT operations.

Savings	250 ports	1000 ports	5000 ports	10000 ports
CapEx	31%	48%	55%	55%
OpEx	30%	65%	80%	81%
5 Year TCO	30%	57%	68%	68%

Note: Scenarios vary from single building to multi building campus environment.

Additional Benefits:

- Enables "Green IT" with tremendous reduction in enterprise wide power and space consumption
- Higher life expectancy of fiber infrastructure - 25 year vs. 10 to 15 years for copper
- Lower management costs due to the ease of use of the AXSvision system
- Lower installation because an individual fiber optic cable run will support up to 64 ports
- Highly secure LAN infrastructure
- Unlimited bandwidth potential

For more information on Motorola's Passive Optical LAN solutions, please visit: motorola.com/pol



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