



Passive Optical Network (PON)/Fiber to the Desktop

Think differently about your network.

Highlights:

- 40-60% CAPEX & OPEX Savings
 - Decreased infrastructure footprint
 - Eliminates IDF, UPS and Cooling
 - Increased resiliency leads to less maintenance and management
- 10-33% Energy Savings-Green IT
 - Reduced power usage per port
 - 80% less material
- Increased Security
 - AES 128-bit encryption and Time Division Multiple Access (TDMA)
- A Future Proof Infrastructure
 - Useful life well beyond 25 years
 - Fiber proven up to 100 terabits
- 12 Mile Reach
 - PON/Fiber infrastructure can distribute signals up to 12 miles

IBM founder Thomas J. Watson challenged the world to “THINK”. Now, IBM is asking our clients to think differently about their networks. How do we create an intelligent infrastructure that drives down cost, is secure and is just as dynamic as today’s business climate?

With a “Smarter Network” information is actively served and managed to the user via a committed minimum bandwidth while providing the capability to burst to gigabit speeds in real time when demands increase.

IBM has identified single mode fiber infrastructures with PON/Fiber to the Desktop as the proven solution to support multiple services (e.g., voice, video, & data) at gigabit speeds over single mode fiber cabling and harness the technological superiority of fiber.

IBM is uniquely positioned via our industry leading expertise and partnerships to equip our clients with the solution design and implementation services to reap the technical, fiscal, and future benefits of the PON/Fiber to the Desktop solution.

