

Ethernet over Copper

Obtain Fiber Speed and reliability Without the Costs

Only 15 percent of businesses are within reach of fiber so there is a critical need for broadband solutions that use existing telephone lines but offer the capacity to support speeds ranging from 5 to 70 Mbps. Datavo's powerful, proven EoC solutions fill this need. Using existing telephone lines, innovative features like Asymmetric Bandwidth, and the latest in EoC technologies, Datavo provides up to 70 Mbps business Ethernet or up over existing telephone lines out to distances of 12,000 feet. This enables Datavo to offer the premium high-bandwidth Ethernet services that businesses are demanding to meet their rapidly growing use of IP and cloud services.

By using the existing telephone lines Datavo is able to deliver in 35 business days – services that are typically available only over fiber, after months of network planning and installation.

Whether a business requires asymmetric or symmetric speeds, our solutions increase the available bandwidth many times over the bandwidth provided over bonded T1s. We offer the ability to obtain 7x's more broadband speed than T1s. With its foundation in VDSL2-based MIMO on DMT technology, performing copper bonding at the physical layer, Datavo's EoC solutions overcomes the challenges of bonding and delivers unprecedented reliability, typically meeting and exceeding fiber service level agreements.

Fiber-like Reliability

The Datavo EoC product line is designed to dynamically compensate for individual telephone line failures. If a telephone line fails, the EoC router automatically adjusts the other telephone lines to compensate for the loss. This allows any telephone line to protect all pairs in a bonded group and in many cases can result in meeting or exceeding fiber service level agreements.

Positron Aktino
AK500 Compact Unit



Find Out More!

To learn how your company can benefit from Datavo, contact us at 888.532.8286 or visit our website at datavo.com.