



Allied Telesis Enhance Network Performance and Increase Revenue for Power and Service Provider

Paducah Power System, in Kentucky, USA, harnesses Allied Telesis high performance and flexibility for its new network solution.

Summary

Paducah Power System

Industry: Service Provider
 Location: Paducah, Kentucky, USA
 Website: paducahpower.com

Challenge

Paducah Power was experiencing issues with its existing network, including a lack of speed and bandwidth. The company needed a new network that would solve these problems and provide simple management.

Solution

Allied Telesis provided a powerful and flexible solution, which incorporates VoIP and fiber, and features the Allied Telesis iMap.

Success

The new Allied Telesis solution gives Paducah Power enhanced throughput, higher bandwidth, and increased revenue.

Challenge

Paducah Power System is an open access power and network service provider. The company has locations in 30 counties in Kentucky, and 5 counties in Tennessee. It services over 23,000 customers, 1100 of whom are using fiber.

Prior to the upgrade, Paducah Power was using a Broadband Passive Optical Network (BPON) solution. It was very slow, with a limit of 20 Mbps, and it didn't allow for trunking or customer VLANs.

Paducah Power needed to provide more bandwidth to its business customers. The company also required simpler network management. Voice over IP (VoIP) was another critical objective.

Solution

Paducah Power selected an Allied Telesis solution based on its flexibility, outstanding customer service, and value for money. Most appealing for the company was that the Allied Telesis products are compatible with access cards and iMGs to suit any situation—for example xDSL, T1, Fiber, and POTs. This futureproofs the network, and saves Paducah Power time and money.

Success

Paducah Power now has the VoIP and fiber solution it needed, and the company is enjoying high bandwidth and enhanced throughput capabilities. Notably, revenues from Paducah Power's business customers have measurably increased.

The Allied Telesis iMAP was critical to the success of this network upgrade: it has provided the flexibility Paducah Power required, and unlike the other vendors' products the company considered, the iMAP needed no upgrades to provide future additional services.

The company will continue to use Allied Telesis products and services to grow its business and expand to new counties. Brent A. Shelton, Manager of Telecommunications & Information Systems, Paducah Power System, said, "The upgrade went very smoothly thanks to the service and products that Allied Telesis provided. Our network is now functioning at a much higher level - our throughput and bandwidth are increased, and we feel we have a robust, future proof solution."