

Abertay University Finds an Affordable Gigabit Wireless Solution

The Challenge

Need a point-to-point solution providing full gigabit throughput for internet access to student housing

The Solution

EtherHaul-1200 Gigabit Radios

The Results

The Siklu radios installed provided more than enough capacity to serve the student housing multi-tenant dwellings, at a very affordable price per link. In addition the Siklu radios provide a secure transmission. Their small form factor made site acquisition and installation easy.

Background

Abertay University had been providing the residents in parts of its student housing facilities with a fibre based leased line, but the 100 Mbps capacity wasn't handling the growing bandwidth demand, amid a proliferation of connected devices. Looking to upgrade the bandwidth to a full 1 Gbps, Abertay faced limited options. Leased lines were the obvious choice, but were just too expensive.

Abertay turned to Rapier Systems, a leading UK wireless integrator, specifying a solution that would deliver a gigabit of throughput along with high reliability and standards - based, encrypted security.

Business Challenge

- Expand capacity of internet access for student housing MDUs
- Needed an affordable point-to-point solution, leased lines were too expensive.
- Security of the student transmission was extremely important.
- Reliable 'always on' performance that would need minimal maintenance and truck rolls

Deployment/System Integration

Rapier offered the university the Siklu EtherHaul - 1200F solution, which meets its needs at a far lower cost than a leased circuit.

“We always provide our customers with the most affordable option that meets their demands. Siklu’s price is simply unbeatable, reliability is high, and it has AES encryption” said Richard Watson, Managing Director of Rapier Systems. “As an added bonus, it has an extremely small footprint and is very unobtrusive when mounted outdoors.”

The units were provided by Siklu distributor Purdicom, whose Solutions Sales Specialist Luke O’Kelly noted, “The EtherHaul is field-proven, there are thousands of units installed worldwide, and there was no doubt it would perform to spec.”

Rapier Systems technicians installed the equipment and had the service operational in less than a day. “Performance was as expected,” Watson emphasized. “Reliability was a key selling point for the Siklu system and we weren’t disappointed.”

In Summary

As far as EtherHaul's performance at Abertay, “Siklu offers a very good value; it is currently a cost-effective solution for our institution,” said Moriamo Oduyemi of Abertay. The Siklu solution will soon be rolled out to additional student residences.