



Success Story:

Abertay University Finds an Affordable Gigabit Wireless Solution

Challenge: Need a point-to-point solution providing full Gigabit throughput for Internet Access to student housing.

Solution: The EtherHaul-1200F Gigabit E-Band Radio

Benefits:

- Enough capacity to support multi-tenant dwellings
- Very affordable price per link
- Secure transmission over wireless
- Easy site acquisition and installation

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Abertay 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. 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.”

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.

“We’re glad we could help Abertay students get faster Internet access,” said Shahar Peleg, Director of Product Management for Siklu. “Millimeter wave wireless links are a very cost-effective fiber extension solution in dense urban areas, whether you need high capacity for multi-tenant units such as Abertay did, or are an ISP serving multiple businesses.”

Peleg noted that Siklu is able to offer its systems so cost-effectively because their radios are based on advanced all-silicon technology. The radio is essentially comprised of just three silicon chips, which not only lowers cost but improves reliability due to the small amount of components. “The end result is the highest MTBF in the industry,” Peleg said.



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