



## UNIVERSITY *of* ABERTAY DUNDEE

The University of Abertay Dundee was created in 1994, under government legislation granting the title "University" to the Dundee Institute of Technology. This organisation - focused on broadening educational access to the working classes of Dundee - was founded in 1888 as Dundee College of Technology. It was described as an "industrial university" in a report prepared for the Scottish Office, then known as "The Scotch Office" as early as 1902 and gained independent degree-giving authority in the 1970's.

Abertay is situated in the centre of Dundee. The campus buildings include the historic Old College buildings of Dundee Business School, a library, scenes of crime teaching facilities, specialist Ethical Hacking labs designed for research into computer hacking and misuse, and modern computer games labs in the UK Centre for Excellence in Computer Games Education.

Abertay university was looking to connect their halls of residence to the main university campus using a high speed and reliable connection. The preference was for a gigabit, full duplex connection to allow for the requirements in bandwidth today and into the future. The costs presented by fixed line providers were very costly and yearly reoccurring - therefore the university investigated the options available.

**Siklu offers a very good value; it is currently a cost-effective solution for our institution"**

Moriamo Oduyemi - Senior Information Manager at University of Abertay Dundee

Abertay turned to Rapier Systems, 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 costs (Including installation and support) were less than the installation costs & 3 yr rental of a fixed line gigabit fibre solution.

The system was installed and commissioned within 1 day giving the ability to connect the halls of residence within 24 Hrs of installation with a high speed, reliable gigabit connection. The installed system is discreet, uses very little power and exceptionally secure using the 80GHz band with 256bit AES encryption and a very narrow radio beam.

Abertay University now has a fast, robust and secure wireless link delivering a 1000Mbps connection to the university infrastructure, servers and Internet for all the students within the halls of residence.



## About Rapier Systems

Formed in 2003 Rapier has unrivalled expertise in the design, delivery and support of wireless (including WiFi) networks and systems; the company is a value added integrator of best-in-class wireless products.

Whether within or between buildings, upgrading or replacing existing networks, or designing and installing new wireless systems, Rapier's experience in environmental analysis and network design ensures complete coverage and optimal performance.

Rapier works with world leading wireless system vendors, including Ruckus, Alvarion, Airtight, Cambium/Motorola, Ceragon, SAF Technika and several more. The company has reached the highest level of accreditation with each of its partners and understands which vendor and product is best suited for each environment.

Rapier has grown dramatically on the back of a surge in demand for wireless networks, which it has designed and installed in a wide variety of challenging environments from colleges and oil rigs to business parks and theatres.

Rapier maintains Scotland's largest Wireless Network, covering Dundee City, Angus and Perth & Kinross Councils, which comprises around 250 sites.

The company has designed and delivered some of the most innovative wireless solutions in the UK, including the largest metropolitan area wireless network in Scotland and one of the largest county-wide wireless networks in England. Rapier delivered the 1st fully licensed Gigabit wireless link in the UK.

The company's headquarters is located in Fife, Scotland and it has offices in St Neots, Cambridgeshire, England.

Rapier has a UK wide customer base in sectors that include Local Government; Transport, Renewables, Oil and Gas, Retail and Leisure.

For further information please visit [www.rapiersystems.com](http://www.rapiersystems.com)

