

## Education – Academic Freedom

**Trapeze and its partners are committed to providing best of breed solutions to the UK and Ireland Education sector and our approach will focus on the three major areas of opportunity: Universities, Colleges or Educational Establishments; LEAs; and Learning Grids.**

**Trapeze Networks has an unbeatable track record in delivering ‘academic freedom’. Trapeze is responsible for the world’s largest 802.11n wireless network at the University of Minnesota which has 9,500 access points deployed over 300 buildings and communal areas on a 1,204 acre campus in Minneapolis.**

### Trapeze Networks WiFi supports:

- Coursework research
- Visitor, guest and student virtual access inter-campus roaming
- One-to-one computing
- Class recording
- Staff communication messaging
- Student access with compatible phones
- CCTV/surveillance
- Distance learning
- Phone in every class
- Emergency response
- Student & Staff Training
- Halls of residence 3 in 1 system
- Campus voice roaming
- Fixed mobile convergence
- Green agenda energy efficiencies
- Asset tracking better use of resource and equipment

### An Unbeatable Track

Trapeze Networks has an unbeatable track record in delivering ‘academic freedom’. Trapeze is responsible for the world’s largest 802.11n wireless network at the University of Minnesota which has 9,500 access points deployed over 300 buildings and communal areas on a 1,204 acre campus in Minneapolis.

With over 92% of students in the UK & Ireland owning laptops their on-demand expectations for simple, free, wireless connectivity are unprecedented. Campus-wide network access is a pre-requisite across the UK’s education sector – whether in primary schools or universities – staff, students and guests need the flexibility of wireless applications to maximise their available resources.

“Trapeze Networks has experienced phenomenal growth in the Education sector where we’ve won a significant number of deals. We now have the three largest WiFi installations in the UK & Ireland and by working with our strategic and eco-partners we are able to prove and demonstrate the impressive business benefits of mission critical applications across our product range.”

**Nick Kimber, Public Sector Channel Manager**

Trapeze supports the UK’s largest campus-wide WiFi installation at Cardiff University. Over 35,000 students and 5,000 staff across more than 80 buildings around the City Centre and suburban areas utilise the Trapeze wireless network as a one stop shop.

### The Modern IT Working Environment

In 2006 Cardiff University launched an initiative to deliver its largest transformational programme to date – The Modern IT Working Environment – which aims to assist staff and students manage many aspects of their working life online. Students are able to access information about their study and social life – including reading lists and timetables to social events and networking groups. Staff benefits include collaborative workspaces and reduced paperwork by using more web-based work processes.

Since then Cardiff University has clearly seen the growth in wireless demand with requests for complimentary wireless access on campus from lecturers, students and guests and a significant number of visitors from other Universities using the free EduRoam service which enables network login anywhere using your own username and password, regardless of location, without the need for guest account set up.



### The UK's Largest Wireless Infrastructure

Aberdeen University has the largest wireless infrastructure in the UK Higher Education Sector and prides itself on a world-class wireless campus.

The fifth oldest university in the UK undertook a survey of its 15,000 students which showed that 83% of them use the wireless network across the extensive 45 building campus. In addition to EduRoam and ResNet services, students, staff and guests are supported by additional services including temporary information broadcasts, mini-websites and a new innovation - student email for life.

### A Forward-looking School

Northampton-based Weston Favell School was designated a Technology College in September 1997. The school supports a cluster of local primary schools providing Master Classes and Techno Challenges. The school's new state-of-the-art 21st century buildings are a superb basis for a forward-looking school with an inclusive and technological ethos.

The school has had a partial wireless network for nearly three years and recently upgraded it to a fully optimised, safe and secure Trapeze SmartMobile Wireless Network. Wireless access within the school was well-used so it was vital that a secure, reliable system was implemented.

The central management capabilities of RingMaster from Trapeze enable the IT Department to centrally view any wireless outages from a single location, completing diagnostics quickly and effectively.

“We're delighted with the brilliant, transparent service that the Trapeze network affords us. Having wireless is a very attractive option for our students and we're developing how we use the wireless system with voice, people and equipment tracking applications. All this can only be run with a good, stable flexible wireless structure underneath it all.”

**Iain Cameron**, Manager of IT Training & Documentation within the Directorate of IT services for Aberdeen University

### Hot Topics in Education:

- Ability to offer simple, campus-wide, wireless access securely
- Need to utilise best practice and flexible, scalable technology
- Provision of world-class research, learning and teach environments
- Simple extension of wireless coverage from indoor facilities to outside areas
- Utilisation of available space and resources
- Lower costs with increased visibility and control
- Voice handsets
- Hot-spot services for guests
- On-line access to administrative systems
- eLearning
- Green Agenda power saving and energy Efficiencies
- Fixed mobile convergence
- Asset tracking for better utilization of resource and hardware



**Trapeze Networks, a Belden brand, is a leading provider of wireless technology for enterprises including its award-winning NonStop Wireless Networking offer. For more details please visit [www.trapezenetworks.com](http://www.trapezenetworks.com)**

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