

# CASE STUDY:

## Institute of Education

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Founded in 1902, the Institute of Education (IoE) is a world class centre of excellence for research, teacher training, higher degrees and consultancy in education and education related areas of social science.

Over the years they have expanded their activities and now offer courses leading to higher degrees in all areas of education and related aspects of the social sciences and professional practice. The IoE also offer short courses and host conferences responsive to the professional and personal requirements of education practitioners at all levels of the education system.

### THE REQUIREMENT

It is a common challenge amongst educational institutions to embrace technologies which not only enhance their own operational performance but also give the wider student and staff community access to resources in a fast, efficient and safe manner.

The security solutions deployed by the IoE were part of a much larger ITC strategy which primarily involved future plans to implement wireless and IP Telephony for around 5,000 users. These solutions therefore needed to be fully compliant for both the technologies of today and those in the future.

### THE SOLUTION

Applinet plc worked in unison with Nortel from the very early stages to help the Institute of Education capture the technical and practical requirements of students and staff. The Institute of Education's solution comprised of a portfolio of Nortel's security products:

- Nortel Switched Firewalls (enabling higher performance levels, reduced latency and application level stateful inspection).
- Nortel VPN Gateway 3050s (providing secure remote access for users from any location and access to web based email, file shares and intranet websites).
- These were complimented by two Nortel VPN Router 5000s to provide traditional IP SEC based VPN with increased throughput.

### THE RESULT

These solutions instantly provided the IoE with secure access and control across multiple sites for students and staff. This security foundation thus enabled the progression to implementing a larger ITC strategy.

**"UK universities are evolving at a tremendous pace, meeting the challenges of a modern, interactive community of students and faculty staff"**

*Darren Boyce, Managing Director, Applinet plc*

**"Communication requirements and demands are rapidly changing and educational institutions have to adopt their practices"**

*Tony Bailey, VP UK & Ireland Channels, Nortel*

**"The layered approach to security eliminates any concerns we had"**

*David Snewin, Head of Information Services, IoE*

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Implementing such a strategy sets a positive example within the academia environment. The IoE decided to adopt new technologies in a proactive way so that IoE members reap the benefits from the latest technologies available.

Subsequently, the IoE believes that their community is increasingly integrated by promoting the sharing of information collaboration between students and staff with the confidence that data transfer and delivery between parties is safe.

