



North Nottinghamshire College

North Notts College is a further education college in the Worksop, providing academic and vocational training throughout North Nottinghamshire and beyond. The college has over 2000 students and 500 staff.

In 2006 the Worksop campus was extended to include the National Fluid Centre and Food Technology Centre. A requirement for campus wide access control and an intercom system capable of integrating with the colleges Cisco IP Telephony.

The Challenge

The Worksop campus spans a main road and physical access control was required in every building.

Out of hours access to the remote buildings had to be provided by the main reception area, with remote control of automatic doors provided by the answering station.

Summary

Campus wide Physical Access Control

Intercom solution for visitor access. intercoms to ring into Cisco IPT

Remote control of automatic doors from answering handset

The Solution

Netgenium's IP access control solution was an ideal fit for the Worksoop campus. Using the existing network infrastructure allowed seamless operation of the system between buildings with no new ductwork or infrastructure required.

In 2006 powering locking hardware from PoE was still a unique offering from Netgenium and the college were quick to recognise the advantages of not requiring mains power at each door.

With Cisco's IP telephony already deployed at the college. Netgeniums IP intercom was developed to register with Call Manager as a telephone handset. This provided the option to have the intercoms call a directory number located in the main reception area and provide a two way audio conversation between the visitor and reception.

Remote control of automatic motorised doors was provided by the clean contacts available on every lock controller.

An XML phone service, configured on Call Manager enables either speed dial buttons or soft buttons to communicate with the lock controller over the network and open the door.

Back in 2006 it took a leap of faith to commit to the technology. However, having taken the leap, the college had the distinction of being the first in the world to deploy integrated remote intercoms and door control with Cisco IP telephony.

About

Netgenium are a manufacturer of Power Over Ethernet (PoE) products and solutions. We continue to develop a range of IP products using IP and the LAN to control many elements of your building including: security, access, door intercom and lighting.