

## Wavestore Hybrid Recording Solution for St. Dominic's Sixth Form College

Installed in 2001, the analogue cameras were connected to a digital recording system. While everything worked, there were significant issues with maintenance and supplier response times. When viewed live or replayed from storage, the image quality was no better than modest.

St. Dominic's Sixth Form College in Harrow-on-the-Hill was founded in 1979. With over 800 students and 100 staff, St. Dominic's is one of the UK's top-performing sixth form colleges.

*"The primary use was site security, and the security of our students,"* said Information Services Manager Michael McConigley.

*"The only internal areas covered were reception and the canteen."*

A new science building then meant four additional exterior cameras were required.

Three companies were approached, leaving the choice of analogue or IP technology open. The tenders were evaluated for comparable costs, services, and superior future-proof technology.

*"The primary objective was to cover the building's surroundings,"* said McConigley. *"We choose ECL-IPS for two reasons. We had an existing relationship with their sister company [Educonnect], and secondly, the technology offered - which was IP-based - looked far more scalable."*

The project turned into three phases with ECL-IPS providing design coverage, installation, and training services. Firstly, external Mobotix M12 day/night IP cameras were installed in winter 2006/2007. During the following summer, ECL-IPS added four domed internal Mobotix D22 IP cameras inside a refurbished canteen. The digital images were stored on a new network attached storage device.

*"After the success of these two projects, we began to look at planning for the future,"* said McConigley. *"We had 20 analogue cameras and we didn't want to replace them all at once."*

ECL-IPS then implemented a 6 terabyte Wavestore Rock hybrid recorder in December 2007. Taking feeds from 16 of the analogue cameras and all of the new IP cameras, it replaced the network attached storage and the old digital recorder. The Mobotix cameras and Wavestore recorder were supplied to ECL-IPS by the distributor, Mayflex.



### Background

St. Dominic's Sixth Form College has protected its investment in analogue CCTV camera technology. At the same time, it's added the power and flexibility of digital (IP) cameras to implement a fully-scalable surveillance system. *"For the first time, one of the college's senior managers was able to investigate an incident without involving me,"* said McConigley. *"Navigation is super fast. I can now find a time and incident in a two week period within a minute."*

### Key Application Benefits of Wavestore

- Retained analogue CCTV cameras.
- New digital IP technology integrated.
- Single storage/playback platform.

### Footnote

By using a hybrid storage and playback system, St. Dominic's has also saved thousands of pounds by avoiding premature analogue camera replacement.

*"The confidence of senior management in our system is overwhelmingly positive,"* said McConigley. *"We have future proofed the system and we have a scalable infrastructure. And we've done it in less time and for less money than we ever envisaged."*