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### Cardiff Metropolitan University

**Project:**

**Design, upgrade and install**

**Client:**

**Cardiff Metropolitan University**

**Value:**

**£200,000**

**Overview:**

Cardiff Metropolitan University (formerly UWIC) had an existing network of analogue CCTV cameras, installed across its four campuses in order to ensure the safety of its many pupils and staff in addition to protecting its assets and properties.

The network of 90+ cameras was linked to a variety of control centres, making coordination of control and data management difficult for the client. Therefore, an upgrade to IndigoVision's digital systems was commissioned, with CDS selected for the design and installation phase of this long-term, scalable project.

To save the client integration costs, CDS devised a solution whereby the university's existing IT network was utilised for the creation of an IP CCTV system with centralised control and localised recording.

**Project description:**

The new digital setup involved replacing/upgrading existing cameras and the addition of seven 'RAID 1' mirrored Network Video Recorders (NVR) to allow for continuous 24/7 recording via all cameras. The updated control room software allows operators to interrogate this wealth of information with the minimum of effort or wasted time, ensuring a faster response to events in progress or data gathering for subsequent investigations.

The system saves on bandwidth by recording footage at lower frame rates when there is less activity in the camera's field of view.

CDS' solution improved the quality, usability and scalability of the University's security while staying within the organisation's limited budget and tight schedule.