



## Whitecross High School

### Project overview

A purpose built, 10,000 m<sup>2</sup>, PFI sustainable Secondary School project requiring the design and installation of a wide range of mechanical and electrical services. The work included 11kv distribution equipment, life safety systems, lighting, power, heating, comfort cooling all installed to compliment the buildings exceptional aesthetics resulting in the provision of a 1st class teaching facility.

Ventilation of the classrooms was provided by a low energy, variable speed, heat recovery central air handling plant. Security is addressed by the installation of CCTV systems fully networked to a monitoring station. The school has an array of teaching aids including projection equipment and interactive whiteboards in all classrooms.

### Challenges

The nature of the buildings architecture required a new approach to the design and installation of the services. With the majority of the equipment exposed including distribution pipe-work and ductwork the aesthetics and quality of the installation was paramount with planning and co-ordination the key to success.

### Solutions

With no other option than a 'perfect delivery', Whitehead utilised its 'End2End' processes to provide clear communication of the overall objectives and transparent communication with everyone involved. Our partnership with the main contractor ensured that all trades achieved a quality product meeting the needs of all parties including the education authorities and local community.

### Project title

» Whitecross High School

### Project Managers

» Hywel Morton

### Sector

» Public/Education

### Location

» Hereford

### Client name

» Stepnell

### Start date

» November 2005

### Completion date

» June 2006

### Value

» £2.5 million

"A very complex mechanical and electrical installation which was well managed and resourced to meet a tight construction programme. The finished product was completed to a high standard with minimum defects. A job well done."

Alan Lyons - Project Manager  
Stepnell Ltd