



CORPORATE

EDUCATION

PUBLIC SECTOR

RESIDENTIAL

SPECIALIST

client: Middlesbrough College,
Middlesbrough

Middlesbrough College opened in September 2008 with an objective to offer an exciting learning environment for 14-19 year old students with wider participation for the City's community. The College is a key component of education, training, leisure, culture and lifestyle of the people of Middlesbrough and provides high-quality training services in catering, music, theatre, sports, computing, business, engineering, construction and more.

the brief:

proAV® was asked to deliver extensive professional audio visual systems for use throughout Middlesbrough College. A wide range of teaching, presentation, conferencing and networked distribution systems at this new college required an innovative solution throughout.

installation (the delivery):

An integrated solution was delivered on time, within budget and according to specification.

Sophisticated audio visual equipment that incorporated the industry's latest cutting-edge technology was installed throughout. Equipment includes high-impact display systems, high-end mobile video conferencing, lecture and multimedia presentation facilities. In addition, the facility for a building-wide IPTV distribution system was installed together with a dynamic digital signage network designed to manage displays from a central location.

These professional AV technologies were included in the following facilities:

Interactive Whiteboards

55 No. interactive whiteboards with integrated short throw projectors were installed in various teaching rooms and comprise:

- 33 x 64" wall-mounted interactive whiteboards with software, amp and speakers and content driven by LCD multimedia projector
- 22 x 78" wall-mounted interactive whiteboards with software, amp and speakers and content driven by LCD multimedia projector

Teacher Workstation Desks

- 110 x teacher workstation desks with pedestal mounted cupboard to house PC and AV equipment

Digital Signage

- Cross-campus Cabletime Mediastar Evolution digital signage system to enable distribution of TV and content via LAN infrastructure with multiple displays managed from a single point
- 25 x digital signage receivers with multi-format IPTV decoder and multimedia player

Display Screens

- 20 x 42" plasma display screens installed in various locations, including Information Services, Travel Shop, Meeting Room, fitness rooms, bistro and communal areas

Audio Reinforcement System

- 54 x ceiling-mounted PA loudspeaker
- UHF wireless microphone system including handheld mic



Lecture Theatre (95 seat)

- XGA, 4000 ANSI projector with 1.65-1.95:1 lens
- 2750 x 2750mm electric projection screen
- 15" LCD Active Panel with stylus, visualiser, rail-mounted flip chart and writing board
- Programme sound/voice reinforcement systems including 2 x loudspeaker cabinets, 6 x ceiling-mounted speakers, UHF wireless microphone system with handheld mic and lecturn mic
- Video input sources including DVD player and VCR recorder
- Bespoke lectern and angled lectern return furniture with lighting
- All input sources controlled by a touch screen controller

Demo Theatre (60 seat)

- 42" wall-mounted XGA plasma display screen
- 15" LCD Active Panel with stylus, visualiser, rail-mounted flip chart and writing board
- Video camera
- Programme sound/voice reinforcement systems including 2 x loudspeaker cabinets, 6 x ceiling-mounted speakers, UHF wireless microphone system with handheld mic
- Video input sources including DVD player with HDMI upscaling

- Bespoke lectern furniture with lighting
- All input sources controlled by a touch screen controller

Seminar Room

- 78" interactive whiteboard with software, amp and speakers
- LCD multimedia projector
- 15" LCD Active Panel with stylus, visualiser, rail-mounted flip chart and writing board
- Video camera
- Programme sound/voice reinforcement systems including 6 x ceiling-mounted speakers and UHF wireless microphone system with handheld mic
- Video input sources including DVD player and VCR recorder
- Bespoke lectern and angled lectern return furniture with lighting
- All input sources controlled by a touch screen controller

High End Mobile Video Conferencing System

- Video conference system processor with camera, 4-site ISDN interface and licence
- Specialist video conference system trolley

Travel Shop

- XGA, 6500 ANSI projector with short throw 1.5:1 lens