

Ambiflex takes control at Aylesbury High School

In October 2012, Aylesbury High School completed the construction of a new sixth form centre which has meant an expansion of its Ambiflex BMS control system with the addition of a third controller.

The original BMS system at Aylesbury High School dates back to 1993. However, in 2008 when new legislation was coming into force regarding energy monitoring, it was decided to upgrade the system to one of Ambiflex's latest controllers – the MF828. Celebrating its 25th anniversary, Ambiflex is a UK BMS manufacturer based in Bowdon and Cheshire. The Company covers the whole country and has sites nationwide – from Scotland, down to Cornwall.

The new streamlined system was designed to utilise the existing network throughout the school. Ambiflex worked closely with Sara Taylor, Facilities Manager at Aylesbury High School, to take into account any specific requirements and the new system was customised to suit.

She said: "Ambiflex spent a lot of time listening to our needs when the system was upgraded in 2008. Additional sensors were put in so we could record hot water flow and return temperatures for our Legionella monitoring and extra time channels were added for us to control our heating more easily when the building is hired out during term time and school holidays."

The key to this is the supervisory software, and Sara has the dedicated AGL Ambilink software, through which she can interrogate all parts of the building to check what is happening.

This involves the ability to remotely adjust

temperature set points and invoke overrides. She also receives automatic emails in the event of any alarms and exception incidents and can investigate immediately. This means that Sara knows about any problems or issues around the building before staff can tell her.

With custom-built graphical pages, the software provides an easy to use and easy to understand interface to the school's BMS.

Ambiflex's range of products is ideally suited to all sizes of building, from small, standalone systems to much larger buildings where several controllers are networked together. All systems are supported by AGL supervisory software via modem or Ethernet connections.

The new sixth form building provides a sixth form study area, four full-sized classrooms, a meeting and study room, new student and staff toilets, which include facilities for the disabled, offices and a lift. Refurbishment of the new block comprised the new library, four classrooms where the previously existing library was located, two larger

sixth form teaching rooms have been created where four smaller rooms were so they are now more useable.

The Architect for the project was AT4 Architects. Work started in October 2011, with internal work commencing in May 2012. All work was completed in time for the start of the academic year in September 2012.

Eminent historian and broadcaster, Dominic Sandbrook spoke to A-Level students on the subject of post-War Britain before meeting guests, staff, governors and students in the brand new library. He officially opened the building in October 2012.



Ambiflex, a UK company, have been designing and manufacturing Building Management systems for 25 years. Our clients, located throughout the UK, benefit from improved environmental conditions, significant reductions in energy consumption and financial savings



The Ambiflex range of products make them suitable for all types of buildings – from a single stand alone controller to large networked systems all with supervisory software



To find out how Ambiflex can help you – contact us on:

Tel: 0161 941 1122
Fax: 0161 941 1188
www.ambiflex.com

Ambiflex
Control it!