

The fastest refresh in the west!



## AIT installs a new network during term time for Coleg Gwent across six sites in just 12 weeks

Coleg Gwent is one of the best, and with over 18,000 students, the biggest, FE colleges in Wales. The college provides a high quality experience and personal support to students wanting to develop skills and gain qualifications to progress to a brighter future in employment, at university or in an Apprenticeship. With an aging network the college needed to replace end of life unsupported LAN switches and Juniper/Trapeze wireless Access Points. A tender was published to install a new network which was won by AIT Partnership Group Ltd, a specialist integrator of Network, Mobility and Cyber Security solutions.



### Challenge

With hundreds of wireless Access Points and six core switches distributed across six sites to be installed during term time, the work had to be carried out to tight deadlines without disruption to students and staff. The college was looking for the most cost-effective, secure and resilient solution to build a 21<sup>st</sup> century network, so Aerohive's centralised management capabilities, to be delivered by AIT, were an obvious attraction.

### Solution

AIT designed and installed a new network in under 12 weeks, using modular switches from Brocade with 40GbE uplinks and Aerohive's Cloud managed enterprise Wi-Fi. The replacement of over 300 Access Points and configuration of the new solution was completed by working around active class rooms and a busy college life. It was fully planned and coordinated by AIT's Project Management team and implemented by its Technical unit working closely with the college's ICT department.

### Result

Thanks to AIT's experience and expertise in managing large IT projects in Secondary, Further and Higher Education the project was completed to specification and on time, delivering a fully supported network for students and staff. With a modular, scalable Cloud managed network that supports the mobility requirements of today's students and provides flexibility for tomorrow's challenges, Coleg Gwent is ready for the future.

