



CASE STUDY | Wrexham CBC

Wrexham CBC overcomes connection issues in outlying areas

Wrexham County Borough Council is the administrative body for Wrexham and surrounding villages in North Wales. The council's vision includes revitalising distinct towns, villages and rural areas to create a robust economy across all sectors, including health, education, commerce, tourism and manufacturing industries.

As part of its vision and to comply with government initiatives, the Council aims to provide access to the Internet for all schools within its boundaries

Fair Broadband Internet access to all

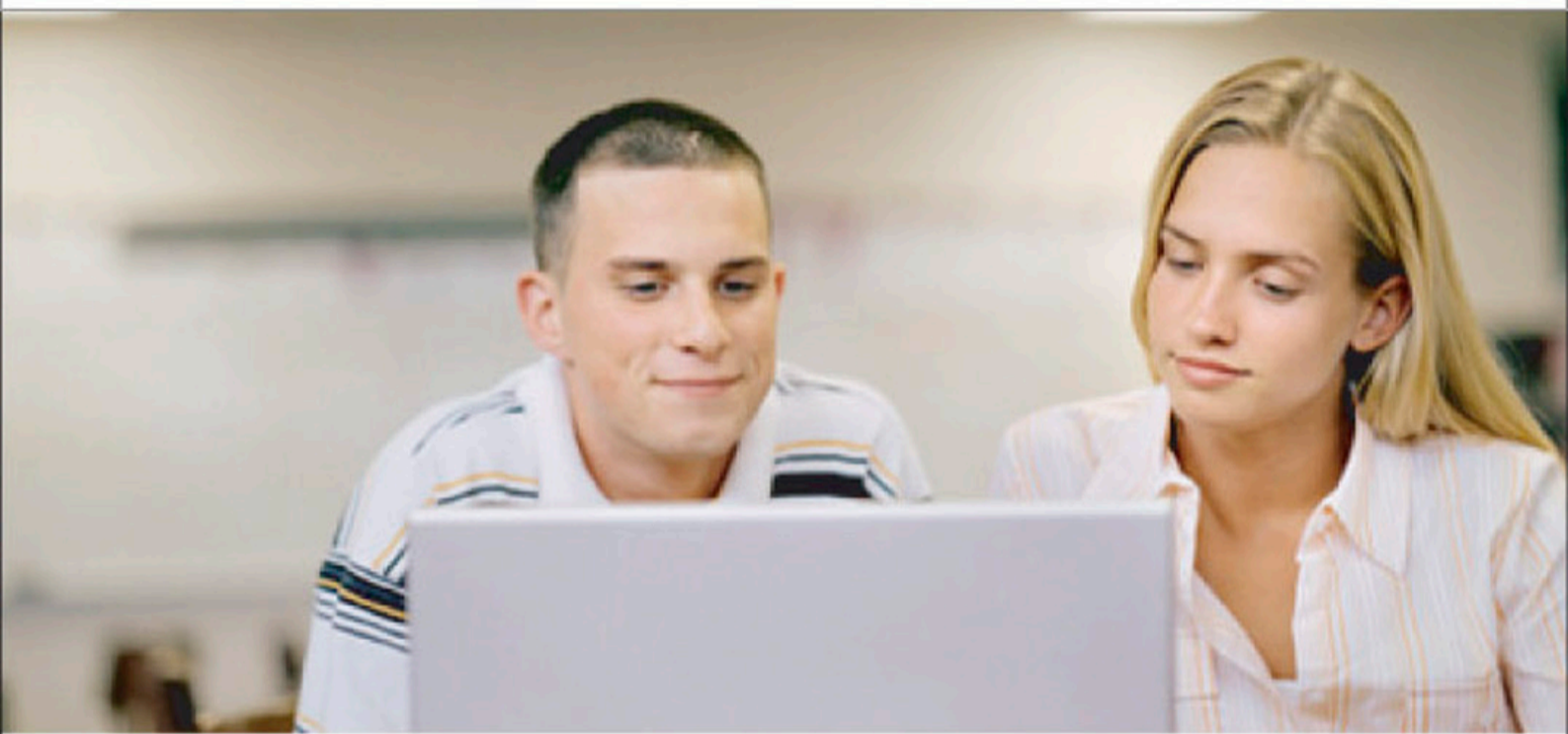
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Implementation challenges resolved

Whilst the proposed solution resolved the problem of Internet access, there were logistical challenges to be addressed: one of the properties had to be in "line of sight" of all the other properties at all times to enable the aerial link up and all future developments (including tree growth) which might obstruct the link had to be taken into account.

MCW utilised Radio Data Link Up aerials (from Proxim Technology), to install a link up from the top of Cefn Mawr school, to the remaining six buildings.



Results

Mr Phil Cheetham, MCW's Communication Manager was the lead engineer on the project he was quoted to say

"The council had previously installed another solution which did not work properly. However I was totally confident that the Proxim solution would provide them with a system which was not only served the purpose, but also provide a reliable and consistent connection to the internet, which is vital for children education."

On going Support

As part of the package, MCW also provided on site support in the event that the solution should fail for whatever reason. Mrs Helen Johnstone, MCW's Support contracts manager said

"Support contract services are an important part of the MCW offering, however the Council had another issue which most of the MCW customer don't normally have – the issue of theft / damage. As part of the MCW contract, we also provided the Council with immediate replacement unit in the event the external antennas got damaged for what ever reason."

Helen went on to say

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