



RADIO LINKS & SERVICE & MAINTENANCE - AHC Warehousing Ltd – now part of Stobart Group

Demonstrating how the solving of a tricky networking problem has enabled a successful North West warehouse and distribution company to grow in line with its aspirations and goals.

Challenge

To provide a successful and rapidly expanding Widnes based business with a cost effective solution to their communication and network needs. The rapid growth of the business had created a situation where there were systems operating independently across the site – the need was to integrate these systems – the problem was the difficult nature of the terrain and the requirement for reliability and security. They also needed an increased band width to increase their capability to run more complex software.

Approach

The team worked closely with the client to fully identify required outcomes and any resource or any other constraints. They then used their wide ranging expertise to identify a solution which met the diverse needs of the client and their current situation.

A 54 Mb wireless link, unlicensed system, was chosen because of its practicality and very competitive cost. The terrain situations were overcome by the innovative use of a relay station utilising existing structures. Potential problems arising from interference were minimised through extensive on site testing and surveying. Access points were also tailor made to fully fit the client's requirements. Security was established and maintained through the use of the most current data encryption methods available.

Benefits

A competitive, cost effective solution which solved the client's data sharing problems
Major cost savings achieved through the elimination of ongoing leased line costs
Improved internal communication, knowledge sharing and coordination of all areas on the site
Standardisation of systems and procedure thereby further minimising costs and potential problems.

Postscript

Two months later the system was hit by a lightning strike!
However due to the expertise and abilities of MLR Networks the system was up and fully running again in under two hours. A recognition of the benefits of working closely with MLR Networks was swiftly realised by the client and they have subsequently signed up to a full maintenance contract to give them peace of mind.



MLRNetworks Ltd

Bringing excellence through experience

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