

Connecting Cities, Connecting Services, Connecting People

Case Study - Sheffield WiMAX





Easy Networking

Meeting the Challenge

The latest generation of wireless broadband marks a communication revolution for the UK business user – and it's coming to Sheffield first.

IPNet Sheffield uses pre-WiMAX technology to provide new levels of flexibility, reliability and value for money in a highly competitive business world – whether you employ 10 or 1000 people.

Satisfaction is guaranteed by the marriage of the expertise and resources of Networks by Wireless Ltd (NbW), the largest wireless-only networking specialist in the UK, with the dedicated customer services of broadband providers The Wired Workplace Ltd and Ask4 Ltd.



Providing the Solution



How it works

The central and outlying areas of Sheffield are now covered by NbW's newly-constructed wireless grid, allowing The Wired Workplace Ltd and Ask4 Ltd to offer voice and data services to their existing and potential customers at connection speeds of up to 10Mbps. Higher capacities are available through a separate network connection using a wireless point-to-point solution.

IPNet Sheffield utilizes pre-WiMAX technology, the latest wireless standard, providing a step change over traditional wireless solutions to offer previously unattainable features and flexibility.

Pre-WiMAX offers both fixed and mobile network connectivity options, enabling companies to connect their sites together and provide their roaming or externally based staff with broadband connectivity whilst on the move.

At a time when business continuity planning (disaster recovery) is becoming a prime focus of businesses that rely heavily on their email and Internet resources, IPNet Sheffield offers an effective solution.

Companies who have already invested in a cable broadband connection can have IPNet installed as a back-up, providing a truly resilient, physically separate, technologically diverse and affordable disaster recovery broadband connection.

Alternatively, they can simply choose to use IPNet as their primary circuit, meeting all of their needs, once they are free of their current contractual commitment.

"For disaster recovery, when you lease a cable connection you pay to use it for a year or more. IPNet Sheffield users will pay a small one-off connection fee, then only pay for what they use," says NbW's Managing Director Richard Standley.

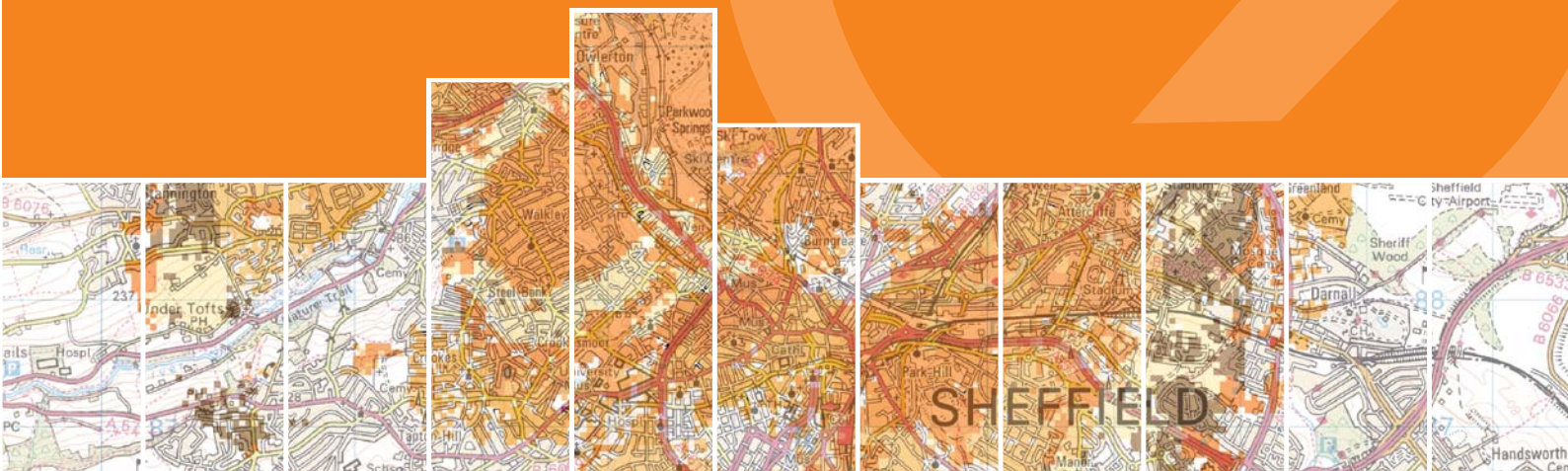
IPNet Sheffield also offers the fast implementation of temporary circuits for short-term network access requirements such as promotional events, project offices or relocations.

The customer's network connection is provided by an antennae system smaller than an A4 envelope. It is easily installed and, if necessary, can be re-installed in different locations within the wireless network's coverage area.

IPNet Sheffield's high-level data encryption ensures security at all times and The Wired Workplace Ltd and Ask4 Ltd believe it provides even more protection than their existing solutions.

Pre-WiMAX technology means that, for the first time, service provision can be individually tailored to a user's needs. To maximize efficiency and economy, customers can alter their requirement on a daily or weekly basis.

"All these advantages are the reason why NbW have invested in the creation of IPNet Sheffield," says Standley. "If it is as successful as we believe it will be, we will look to roll the infrastructure out to other towns and cities across the UK."



→ Who we are

NbW has spent many years developing industry-leading IP solutions and processes in wireless technology and has designed and implemented some of the largest and most complex high-capacity networks in operation in the UK today.

NbW is at the forefront of converged fixed-mobile broadband infrastructure solutions and has access to a unique portfolio of products and services to ensure delivery of converged IP applications such as voice, video, data and CCTV solutions.

The company's track record is also inspiring confidence overseas, where it has been licensed to build a national wireless network in the Ukraine. In a highly-competitive and fast-moving industry, NbW remains on the cutting edge.

Full Turnkey Service for Bespoke Solutions

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- Wi-Fi Solutions & Services
- IP CCTV Solutions & Services
- Licensed Radio Solutions & Services
- UPS Solutions & Services



→ Networks by Wireless™

T: 0845 123 1500

F: 0845 123 1538

E: sales@nbw.net