Hypersync Fixed Wireless

SOLUTION OVERVIEW

Our Next-Generation Fixed Wireless Hypersync auto convergent beamforming technology allows Skywire to deliver rapid deployment of Fibre-class Enterprise and Broadband wireless services.

This award-winning next-generation fixed wireless access platform, introduces a complete revolution in delivering services at mass scale in a fraction of the time, offering consistent high speeds to suit your business needs.

Regarded as a point-to-multi-point technology, stable and secure services are delivered in a fraction of the time it usually takes to get your business up and running whilst offering high availability and scalability of speeds over almost near-line-of-sight links.

Existing interference is overcome by increasing the precision of all algorithms whilst applying signal processing across time, frequency, and spatial domains, yielding perfect channels even with the most complex diffraction, reflection, and motion effects with improved digital beamforming accuracy.

PRODUCT FEATURES

} Flexible speeds options ranging from 50Mbps to 200Mbps, site dependent.
} Asymmetrical Service.
} Low contention ratio.
} Seamless upgrades.
} Simple and highly secure, dedicated connection providing a high degree of transparency.
} Low Latency.

PRODUCT BENEFITS

} The technology has the ability to intelligently locate and switch to the best signal.
} HYPERSYNC enabled towers have backup power to ensure high availability.
} Quick and simplified deployment.
} Cost-effective solution.
} The Hypersync radios are near-line-of-sight capable, meaning a clear line of sight to the tower is not a prerequisite.

BANDWIDTH OFFERING & HARDWARE RECOMMENDED.

The list of Hardware was selected to accommodate a rack mount configuration whilst having the processing power to allow high-speed internet and monitoring services.
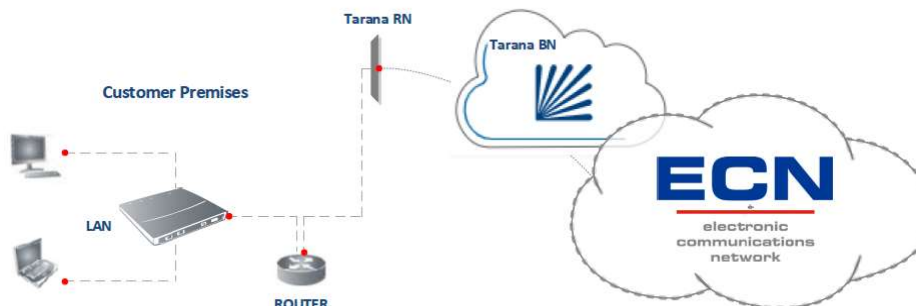
Hypersync
- 50Mbps (Asymmetrical line) Broadband, Business and Enterprise. **MikroTik RB3011**
- 100Mbps (Asymmetrical line) Broadband, Business and Enterprise. **MikroTik RB3011**
- 200Mbps (Asymmetrical line) Broadband, Business and Enterprise. **MikroTik RB3011**

Distance
- Remote Node distance within 3Km speeds up to 200Mbps.
- Remote Node distance within 7km speeds up to 100Mbps.
- 10Km or more will be considered a customer specific solution. Possible speeds up to 50Mbps CSS.

TYPICAL DEPLOYMENT DIAGRAM.

Contact us by either calling or sending a mail to our sales department for more information.

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