



HIGH SPEED WIRELESS

Supporting Ethernet and DIA services with Licenced Microwave Radio throughout Ireland

DEFINITION

Enet has comprehensive nationwide Wireless coverage, facilitated by our presence at almost **300 towers across Ireland**. We can design and implement a robust and reliable bandwidth solution to meet your requirements for Ethernet, Direct Internet Access (DIA) and other services.

Enet is an established provider of Microwave Wireless solutions that use licensed frequencies to ensure quality, delivering high-speed, symmetrical broadband services tailored for businesses. This proven technology prioritises high capacity, security and reliability, boasting an impressive **99.99% availability**. Our standard wireless solution provides service up to **1Gb** and distances **up to 30km**.

Enet is expanding its network to support higher speed microwave solutions using **E-Band Wireless**. E-band microwave technology offers speeds of up to **10Gb** with low latency and a compact antenna size, making it suitable for installations with limited space.

SERVICE DESCRIPTION

Enet's Licenced Microwave provides a secure, high capacity, low latency solution that is fully managed and supported 24x7. Wireless is an ideal alternative for customers:



Where speed of delivery / quick deployment is vital



Who need diverse options to ensure redundancy "one in the ground /one in the air"



Where existing fibre services are limited or difficult to install

Our service uses many frequency bands to which we are now adding higher **E-band frequencies** in the **80GHz** Band range. This band is encouraged by Comreg, especially in the Dublin area. E-Band can support speeds up to **10Gb** within a range of 6km from the nearest tower

It is supported with comprehensive **Fibre equivalent SLAs** that cover all aspects of your Ethernet service, with targets for service delivery, availability and network performance.

SERVICE DELIVERY

Once the Comreg licence is approved, installation is normally carried out **2-3 weeks** which is ideal where a fast solution is required. Enet will also complete a premises site survey to ensure line-of-sight to the remote base station.

For E-Band service, Enet will install and configure the service using a compact **20cm,30cm or 60cm** antenna or dish fitted externally on the customer's premises.

ENET RESPONSIBILITIES

Enet is responsible for:



Requesting the requisite Comreg Licence (recurring for life of contract)



Installation and commissioning of the Wireless equipment



Performing a survey to ensure line-of-site



Monitoring and support of the link during the life of contract

CUSTOMER RESPONSIBILITIES

The Carrier is responsible for:

Ensuring a suitable antenna mounting location, NTU space and AC power are available for the Power-OverEthernet (POE) unit used to power and interface with the Microwave Radio unit.

GLOSSARY

- DIA - Direct Internet Access
- POE - Power Over Ethernet

FURTHER INFORMATION

CONTACT YOUR ENET ACCOUNT MANAGER OR CONTACT US AT:

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This document is for illustrative purposes only, detailed specifications will be agreed at the time of purchase.