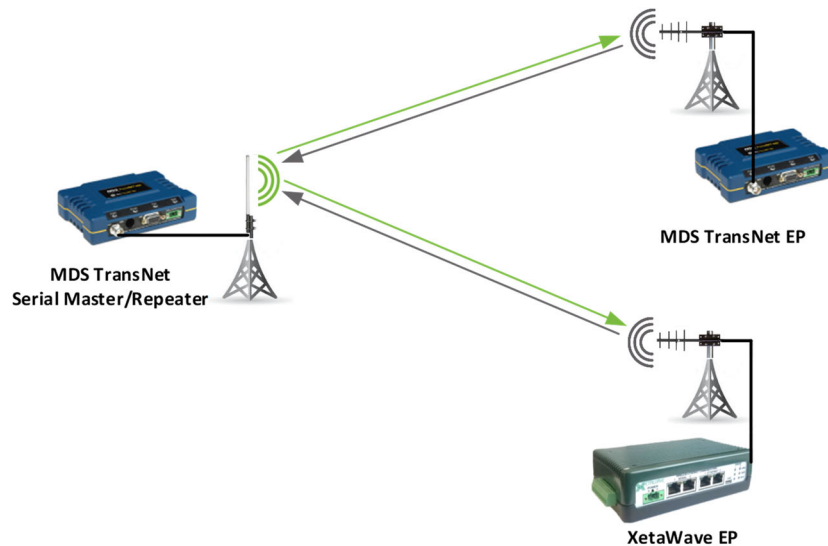The XetaWave **TransNET** mode is a standard feature within XetaWave Xeta9, Xeta9x, and Xeta9s radios which enables them to be utilized as direct drop-in replacements for GE MDS TransNET 900 endpoint or remote radios.

XetaWave offers both serial only radios and Ethernet radios that support the **TransNET** mode. The Ethernet radios can be operated in bypass mode to provide **TransNET** compatibility and once all legacy radios have been replaced with XetaWave radios, the network can be switched over to take advantage of the advanced capabilities and performance of XetaWave radios.

XetaWave radios are a superior replacement to legacy GE MDS TransNET radios.

MDS TransNet
Serial Master/Repeater

MDS TransNet EP

XetaWave EP

Key Features

Compatible Over-the-air communications with GE MDS TransNET 900 master or repeater radios.

Performance Better sensitivity enables the XetaWave radios to link where legacy GE MDS radios might not or would otherwise have limited performance.

Simple Configuration Three, easy steps to configure. *Refer to next page.*

Flexible Available in the unlicensed (ISM) 900 MHz frequency band for both Ethernet and serial only radios.

Growth Once all legacy GE MDS TransNET 900 radios are replaced, the XetaWave radios can be configured to take advantage of higher throughput and advanced capabilities.

XetaTransNET Specifications

Compatibility

	GE MDS	XetaWave
Operating Modes	FHSS	FHSS
Modulation	CPFSK	CPFSK
Data Rates	106 kbps	106 kbps

Radio Performance

Please refer to the full datasheet of the Xeta9, Xeta9x, and Xeta9s products located at the XetaWave web site.

Notes

Simple configuration:

1. Select TransNET mode.

2. Configure the serial port.

3. Set the network parameters (transmit power, rate, address, CODE, XMAP, and XPRI).

Ordering Common models below, others are available. Contact XetaWave for details.

Serial Only Radios

XETA9-10MMNFC	902 to 960 MHz, Metal Enclosed Serial Radio, 1 Data Serial, 1 Config Serial
XETA9X-10INNFC	902 to 928 MHz, Board Level Serial Radio, 1 Data Serial, 1 Config Serial
XETA9S-10INNFD-IO	902 to 928 MHz, Board Level Serial Radio, 1 Data Serial, 1 Config Serial, 8 I/O

Ethernet Radios

XETA9-22IMDFC	902 to 928 MHz Metal Enclosed Ethernet Radio, 2 Ethernet, 2 Serial
XETA9-22IPDFC	902 to 928 MHz Plastic Enclosed Ethernet Radio, 2 Ethernet, 2 Serial
XETA9X-11INDFD	902 to 928 MHz Board Level Ethernet Radio, 1 Ethernet, 1 Serial