The network for business on the move

Comparing Transcomm's Network with PMR

Transcomm has a proven, reliable and cost-efficient network specifically designed for business to business wireless data applications that can provide extended coverage and fully digital data without the complications of implementing the new Radiocommunications Agency rules (IR2008) on Private Mobile Radio (PMR).

Transcomm – the ideal choice for business-critical wireless applications
with frequent, short bursts of data

	Transcomm	PMR
Network	Packet switched 'data-only' public network designed for the transmission of short, frequent data exchanges. Resilient business services – no contention with voice traffic. Supports IP.	Private broadcast network that can be used for voice and/or data. IR2008 rules are now in place limiting use of "data only" PMR channels.
Coverage	Nationwide.	Local. Cannot be easily expanded to cover new areas without application for additional licences and installation of new base station(s).
Frequencies	Transcomm has a common set of frequency allocations throughout the UK. These can be used throughout the UK on a single radio modem.	PMR frequencies assigned by the RA will depend on local conditions. Common in-vehicle equipment may not be practicable.
Licence	Transcomm has a Public Operator's licence covering all business subscribers.	Must be applied for by Taxi/Private Hire operator for each radio site. May not be available for new sites.
Guaranteed Service	Service Level Agreements provided as standard.	Service Level Agreements not available.
Nationwide Roaming	The Transcomm Network provides seamless roaming throughout the UK as a standard feature.	Seamless roaming between base stations is not available as standard with PMR.

	Transcomm	**PMR**
Guaranteed Delivery	Intelligent network includes positive acknowledgement and store-and-forward functionality with redundancy on all network levels. 100% guaranteed packet accountability. All packets delivered or returned.	Positive acknowledgement and any store-and-forward functions must be built into the application, as they are not available from the PMR system. Functionality to track data delivery must be implemented in the application.
Security	Inherent high level of security. Certified for use by police and rescue services in many countries.	Security must be built into the application.
Device Availability	A wide range of user devices are available for both horizontal and vertical applications featuring high performance and attractive prices.	PMR devices are generally larger than those supporting the Transcomm Network.
Pricing	Fixed monthly charge per vehicle. Pricing based on the volume of data exchanged per vehicle per month with no additional connection or session charges.	Taxi or Private Hire Operator must pay for PMR installation, operating, maintenance and upgrade costs.
Future-Proof	Network technology constantly enhanced to address new market segments and opportunities.	Future of Analogue PMR uncertain. IR2008 causing implementation problems for the Taxi and Private Hire industry at present (2003).
Typical Usage	Business critical wireless data services including: - Dispatch - Automatic Vehicle Location - Credit Card payment - Personal security.	Local voice traffic with some Automatic Vehicle Location.