

ITT WMC – an Ad Hoc Networking Modem Card

Advanced wireless ad hoc networking supporting soldier voice, video, and data needs.



ITT

Engineered for life

Ad Hoc Networking Modem Card

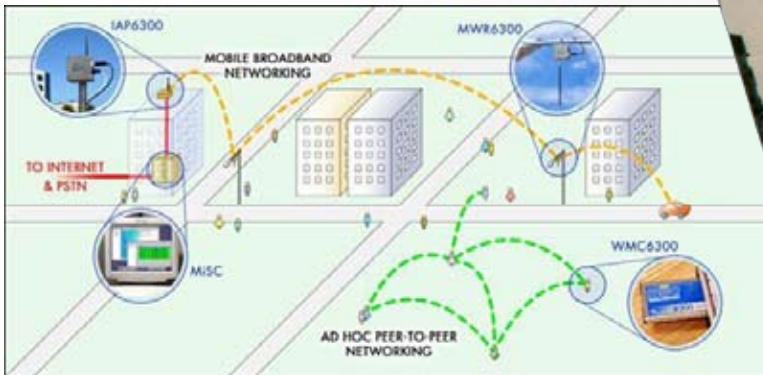
Our PCMCIA wireless card is part of the ITT family of networking products for the battlefield. It provides scalable, high performance mobile ad hoc networking for warfighters. By simply inserting the wireless modem card into a host computer, up to 6 Mbps of data is available for streaming audio, video, and position location whenever and wherever needed.

Performance

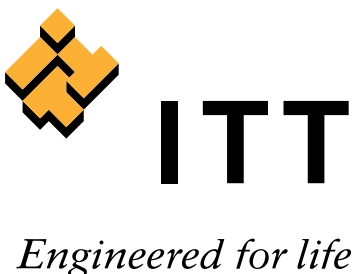
- 2400 - 2480 MHz RF Frequency which can be customized
- Spread Spectrum for building penetration
- Maximum 6 Mbps transmission data rate
- MC-CSMA/CA algorithm for channel access
- Adaptive transmission protocol constantly adapts data rate and coding to link conditions
- Ad hoc networking with minimal overhead
 - Self forming
 - Self healing
 - Self configuring

Key Features

- High bandwidth
- Advanced ad hoc networking for extended range in urban operations
- Connectivity for on-the-move operations
- No need for network managers
- Instant-on operations



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