The next generation of mobile multichannel routers

RELIABLE, SECURE AND REDUNDANT MULTICHANNEL COMMUNICATIONS ROUTER WITH TRANSPARENT FUNCTIONALITY

The 4Com multichannel router represents a State-of-the-Art solution for secure and reliable multichannel communication in mobile and fixed applications.

The 4ComT device utilizes efficiently all existing telecom networks such as TETRA, 3G/GPRS, 4G(LTE), CDMA-450, Satellite, WLAN and DSL to provide an uninterrupted communication channel between remote– and control room systems. All the parallel telecom channels appear as a single transparent, encrypted and robust data pipe between network peers.

The advanced **DSiP Distributed Systems intercommunication Protocol™** traffic engineering and routing protocol ensures reliable and secure communication links between network peers with no need to modify external software or devices needing reliable communication.

The 4ComT device supports simultaneous communication over several operators networks in parallel, in such a way that the communicating devices believe they communicate over a single ultra-robust connection.

SPECIFICATIONS

- Intel Atom™ running at 1.3 GHz
- Integrated TETRA-modem
- Integrated 4G (LTE) modem
- 3G modem (HSPA, 3G & GPRS)
- CDMA-450 MHz option
- 2 pcs of GPS receivers (GPS and GLONASS)
- Dual power supply feed 10,5..35VDC
- Internal UPS for 20s powerless operation
- Four 10/100 BASE-T Ethernet
- One 1Gb Ethernet
- Dual USB 2.0 ports
- Tripple serial ports, 2 pcs RS232 1pcs RS422/485
- External Satellite modem connectivity
- Internal WLAN 802.11 a/b/g hotspot
- Audio interface
- VHF radio interface
- Ambient temperature range –40C to +70C
- Operating humidity 5..95% non-condensing
- Firmware and software in Flash-memory
- Size 210L x 165W x 60H
- Weight 1350 grams

4ComT
Multichannel Router