Following up the successful TC35i/MC35i Terminals, the new generation of GPRS Terminals is available. Based on the powerful MC55i wireless module platform the improved Terminals offer additional functionality while remaining compatible with its predecessors.

MC55i Terminal packs a Quad-Band GSM/GPRS baseband with TCP/IP connectivity based on GPRS Class 10 data transmission into a compact plug-and-play housing. The robust housing includes a range of common interfaces as well as an integrated SIM cardholder which make the new generation to an all-in-one solution enabling voice, data, SMS and fax communication. The new generation is available as Quad-Band with GPRS Class 10 functionality (MC55iT) and as a Dual-Band variant with GPRS Class 8 functionality (MC52iT). With an extended temperature range, the reliable terminals can be used in a wide range of M2M business fields such as metering, remote maintenance, traffic systems, transportation and logistics, and security.

Like all Cinterion products, MC52iT / MC55iT come with full type approval (FTA) and are certified according to automotive e-mark as well as by the largest carriers worldwide.
Cinterion Global Support

Local engineers, a competent helpdesk, a dedicated team of R&D specialists and an advanced development center are the hallmarks of our leading support offer. The Cinterion support includes:

▪ Personal design-in consulting for hardware and software
▪ Extensive RF test capabilities
▪ GCF/PTCRB conform pretests to validate approval readiness
▪ Guidelines for local approvals and acceptances
▪ Regular training workshops

The integrated TCP/IP stack enables the application to send and receive packed data. This means there is no additional protocol on the microcontroller of the application required to ensure point-to-point communication based on AT commands within the global data network. Both terminals also support transparent mode that is more efficient for small data packets.

General Packet Radio Services (GPRS) enhancing 2G terminals to ensure “always on” communication at high speed. MC55IT supports GPRS Class 10 with a maximum data rate of 86 kbps in download and 42.8 kbps in upload.

Cinterion Wireless Modules
St-Martain-Str. 53
81669 Munich, Germany