

Wyleless

Machine to Machine (M2M) Connectivity



- ❖ Fixed IP addressability over the GPRS/GSM footprint
- ❖ Device to device and transparent two way connectivity between multiple devices
- ❖ Secure data transfer with selective compression and acceleration
- ❖ Seamless international roaming with single tariff rates
- ❖ Overlay architecture which requires no enterprise solutions or IT infrastructure
- ❖ Network management by individual SIM, using a web-based display, via a secure connection over the public internet

Field of application

Wyleless Plc is a virtual mobile data network operator, based in the UK, which has built a specialized mobile data network, designed to carry data separately from other mobile traffic. Wyleless's unique network configuration improves connectivity and features more performance enhancements than any other cellular based technology and includes fixed IP address capability.

Wyleless is accessible seamlessly across inter-country borders and is built to carrier grade, providing a truly flexible, fully redundant architecture. The network provides a bearer independent approach to international wireless connectivity. Wyleless is presently configured for TCP/IP (over GPRS (General Packet Radio Service)) but it is upgradeable to Edge, 3G and other new generation carrier networks in the future.

When properly packaged with cellular/GSM hardware and within service range to a tower, SMS messages can be sent to/from remote or industrial equipment to apprise a field service organization of "out of limit" alarm parameters. Using a CSD connection, data can be uploaded and downloaded to/from a remote location, much the same as a wired connection. Establishing a fixed IP "always on" GPRS connection allows the polling of data from remote sites to a central location for status and processing in real time.

Applications

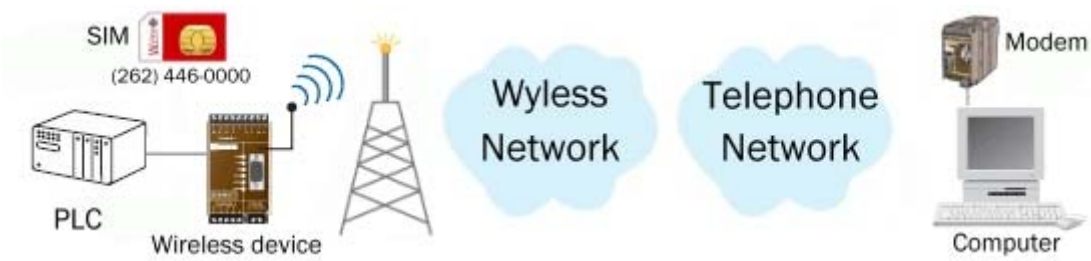
Text Messaging (SMS)

- 160 characters/message



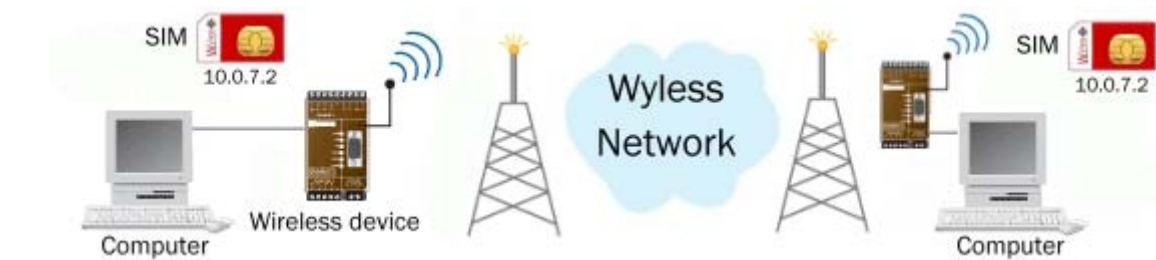
Dial-up Service (CSD)

- Per minute connection



Machine to Machine (GPRS)

- Always on connection



Service Plans

Subscriber Identity Module (SIM)	Minimum 1 year service contract
Monthly Service Package (GPRS)	Includes 1 Mb data transfer
Dynamic IP	Includes 1 Mb data transfer
Fixed IP	Billed per Mb data transfer
Additional data	Billed on per minute basis
Circuit Switched Data (CSD)	Billed on per message basis
Short Message Service (SMS)	