



## experts in mobile communications technical documentation

### Sony Ericsson

Sony Ericsson is a world leader in the production of mobile communication technology. This was an amalgamation of two of the most powerful new technology companies, that now offers the market place a complete range of accessible mobile multimedia communication solutions.

Ericsson has been at the forefront of telecommunications for over 120 years and today is the largest supplier of mobile systems in the world, supporting all the major standards for wireless and radio communication.

### Sahlin Documentation

Sahlin provided ongoing technical documentation services to Ericsson for over ten years. Since their amalgamation with Sony, we continued to support them across a number of major projects with their mobile communication development teams. During this period we have produced a variety of User Manuals, Quick Start Guides, Programming Manuals, Training Material, and White Papers.

We have outlined some of the devices we have supported over the last ten years below.

### Mobile Phones

**R380** - Ericsson launched their first smartphone in 1999. The aim of the phone was to combine two strong market sectors; mobile phones and PDAs.

Sahlin was commissioned to develop the documentation for this innovative product. We have continued our involvement in this area working on the P800 smartphone and more recently the P900 smartphone

**P900** - The Sony Ericsson P900 is a triple band GPRS smart phone with an impressive list of features including: Colour touch-screen, Handsfree speaker phone, complete PDA functions, Camera for video recording and a MP3 Music Player. Connection options either through Blue-tooth, Infrared and USB offer the user a complete mobile office device.

With such a complex device the clarity of the supporting documentation was paramount to the success of the phone.

### M2M

M2M stands for Machine-to-Machine or Man-to-Machine, where the machine 'talks' and imparts essential information faster, more accurately and at lower cost than any other means. There is little doubt that M2M wireless communications is rapidly becoming a major business.

Sahlin has worked on the end user guides for these on Sony Ericsson data communication devices through a strong partnership with the M2M development and testing team. We have produced all supporting documentation including localization across fourteen languages for launch on the global market. The M2M products are detailed as follows:

### PC Cards

**GC75 wireless modem** - The Sony Ericsson GC75 offers the user freedom to work conveniently when out of the office.

This powerful yet discreet PC card will provide the user with data speeds similar to those of a fixed line modem with the added advantage of being wireless. It enables you to access your company network, e-mail server and Internet directly from your laptop, using GPRS, HSCSD or standard CSD.

**GC79 combined wireless modem and wireless LAN** - The GC79 dual connection card combines the pervasiveness of GPRS mobile coverage with a Wireless LAN connection. The GC79 is easy-to-use, affordable and converts 'down time' into 'up time' across five continents, operating at maximum speeds of up to 11Mbps in public Wi-Fi hotspots, such as airports, cafes, offices, on trains, and at motorway service stations. If Wi-Fi is unavailable, the user can easily select GPRS or HSCSD connection to the Internet or corporate networks.

Both the GC75 and 79 devices are utilized by some of the major network providers including Orange and Vodafone in the UK, under their own marketing banner.

**GC82 wireless modem** - The GC82 supports the same functionality as the GC75 but it connects to the EDGE network system for use in the United States and Canada.

### Radio Devices

Sahlin has also worked with the M2M team developing the user guides for GSM/GPRS radio devices. We have produced guides to detail how developers can integrate the Sony Ericsson devices into their systems. These devices can typically be used in the following systems: Alarm Systems, Fleet Management, Machine monitoring, and Remote utility readings.

**GR47/48 Radio Devices** - The GR47/GR48 is an advanced radio device that comes fully-loaded with a range of GSM/GPRS voice and data features, within a compact unit. Optimised for M2M communications, the GR47/GR48 features an intrinsic TCP/IP protocol stack that enables the effective use of GPRS. The GR47/GR48 is configurable to enable optimum usage of the extensive range of input/output pins provided, making them easy to adapt to the M2M solution.

**GT47/48 Radio Devices** - The GT47 is an intelligent GSM/GPRS control terminal that encapsulates every-thing you need for wireless M2M capability in one compact unit. In conjunction with Sony Ericsson's M2M power package the GT47/48 can host and control wireless applications, minimizing the need for extra components. Alternatively, it can be used as a standalone and powerful GPRS modem with its intrinsic TCP/IP stack. With dual band 900/1800 MHz (GT47) and 850/1900 MHz (GT48) versions



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To enquire further how we may help with your technical documentation, contact the experts:

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