

SAGEM RT 3000

Fixed GSM / GPRS Gateway



- **For GSM Wireless Local Loop networks**
- **Support of voice, fax and data services**
- **Internet access with multi-slot class 10 GPRS**
- **Suitable also for payphones**
- **Remote maintenance facilities**
- **GSM gateway for least cost routing on PBX**



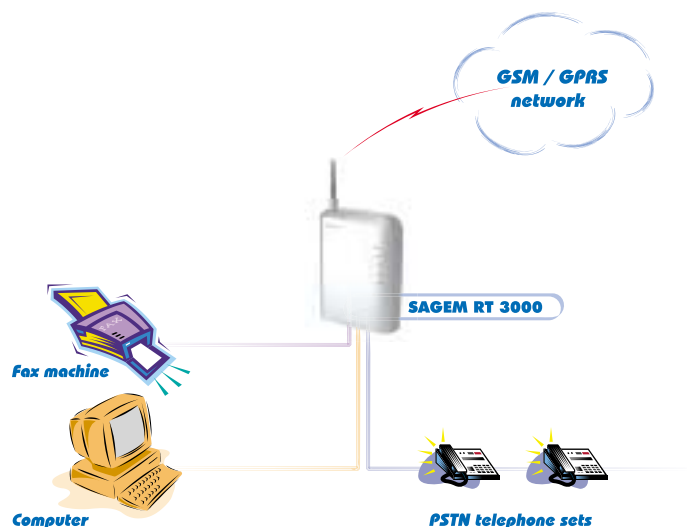
SAGEM

Technology in Action



SAGEM RT 3000

Fixed GSM / GPRS Gateway



The **SAGEM RT 3000** is a GSM / GPRS gateway which supports voice, fax and data services.

In areas where PSTN subscriber copper lines are not available, provided these areas are covered by a GSM network, the SAGEM RT 3000 offers access to the public network for fixed terminals such as telephone sets, analog fax machines, data modems and personal computers.

Furthermore, if the GSM network supports GPRS, the SAGEM RT 3000 offers access to the Internet in packet mode (in addition to circuit mode) which provides higher speed at economical conditions.

The **SAGEM RT 3000** supports GSM network supplementary services such as call forwarding, call barring, multi party calls, ..., as well as PSTN supplementary services such as calling line identity presentation interface (CLIP).

SMS service is available not only on a PC connected to the SAGEM RT 3000, but also on analog telephone sets.

The **SAGEM RT 3000** is an ideal solution for fixed operators who want to connect rapidly new subscribers to their network in areas with a lack of telephone lines, and to offer similar services as a wired line, including access to the Internet. Furthermore, thanks to the generation of polarity reversal and the support of analog modem transmission, it can also be used to connect payphones.

Installation is easy, and operation costs are reduced thanks to remote maintenance facilities.

An internal battery assures the continuity of the voice service in the case of mains power failure. For areas where power failures are frequent, a specific version with a high autonomy is available.

The **SAGEM RT 3000** can also be used as a GSM gateway on analog network lines of a PBX to perform least cost routing on outgoing calls to mobiles.

TECHNICAL FEATURES

GSM / GPRS FEATURES

- Frequency band:
 - Dual band: EGSM 900 + DCS 1800
 - Mono band: PCS 1900
- Transmit power:
 - Class 4 (2W) for EGSM900
 - Class 1 (1W) for DCS1800 / PCS1900
- Antenna connector: TNC (50 ohms)
 - For indoor antenna (included)
 - Or for coax. cable of outdoor antenna
- GPRS:
 - Multislot class 10
 - Class B terminal
 - PBCC support
- SIM card: support of 3 V mini SIM cards

USER INTERFACES

- Analog interfaces: two RJ11 ports
 - Port 1: for up to 5 analog telephone sets (5 REN)
 - Port 2: for analog G3 fax machine, combined Phone/Fax or modem
- Digital interface (for a computer):
 - RS-232 port (DB-9)
 - USB port

SERVICES

- Telephone:
 - DTMF and decadic dialing
 - Supplementary services, including CLIP
 - Polarity reversal
- Fax:
 - Analog and digital fax
- DATA:
 - Circuit mode: up to 9600 kbps (on analog and digital interfaces)
 - Packet mode (GPRS class 10)
- SMS:
 - On a computer or a telephone set

STATUS LEDS

- Power, RF signal, SMS received, etc ...

REMOTE MAINTENANCE

- By FTP and SMS

INTERNAL BATTERY BACK-UP

- Standard:
 - 2 hours in communication
 - 8 hours in standby
- In option:
 - 4 hours in communication
 - 15 hours in standby with fast charge of the battery

EXTERNAL POWER SUPPLY

- AC input: 110 or 230 VAC (50 - 60 Hz)
- Plug: EU; US in option

DIMENSIONS & WEIGHT (APPROX.)

- 195 mm x 151 mm x 38 mm
- 620 g (including internal battery and indoor antenna)

ENVIRONMENT

- Operating temperature: -10°C to 55°C
- Humidity: 0% to 95% (non condensing)

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SAGEM SA Networks Division

Networks and Optics Business Unit

Phone. +33 1 53 23 18 16 Fax +33 1 58 12 42 95 www.sagem.com

Head office : 27, rue Leblanc - 75512 PARIS CEDEX 15 - FRANCE

Société anonyme à directoire et conseil de surveillance au capital de 35 500 000 € - 562 082 909 R.C.S Paris

