



## **GSM-GPRS-FAX-SMS-BCA**

# CellRoute Mobile Office

The fully featured solution for your moving office!

### **A single device for all your needs**

It is becoming more and more necessary to have extra lines for voice, fax and internet services, especially on site offices and ships. CellRoute Mobile Office offers all the technologies that you usually have in your office. It can either be connected to a PBX system or directly to a telephone or fax set.

No change in you habits: fax, Internet, SMS and voice services all in one device.

### **PBX and G3 standard fax connection**

CellRoute Mobile Office is capable of sending and receiving faxes using a standard G3 analogue FAX device (with RJ11 connector). It also connects to the PBX system just like a standard analogue line.

In case an analogue PBX trunk is not available, CellRoute Mobile Office can be connected between the analogue PSTN line and the PBX or to a BCA extension of the PBX.

### **Reduces fixed to mobile call costs of your business**

With CellRoute Mobile Office you can immediately start saving on the telephone bill of your business using mobile carriers rates for calls originated by fixed telephones in your company.

In fact, you can take advantage of one of the several offers of the mobile carriers thus dramatically saving on outgoing fixed to mobile calls.

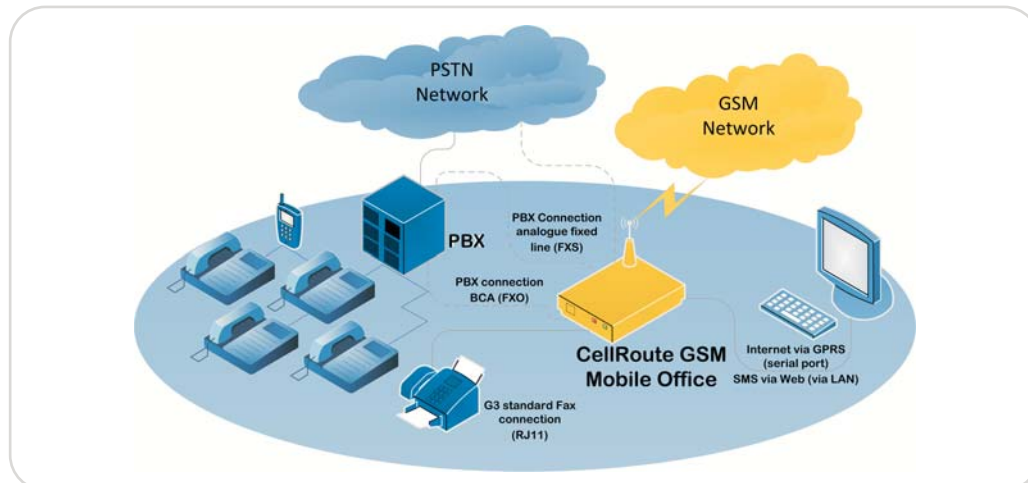
Furthermore, CellRoute can receive inbound calls from the GSM network, allowing your company mobile telephone to call you at mobile to mobile rates.

### **GPRS Internet connection and SMS web service**

CellRoute Mobile Office is a suitable solution used as an internet connection backup line. Just connect CellRoute Mobile Office to a PC in order to connect to the Internet or download your e-mail via GPRS connection up to 85.6Kb (subject to the network coverage and to the telephone operator).

Send and receive SMS messages from any PC of your company just by connecting to the internal web page of your CellRoute Mobile Office.





## Connects also if no trunks are available

CellRoute Mobile Office connects to the analogue line of your PBX system.

If the PBX system does not have an available trunk, the GSM unit can be connected between the trunk landline and the PBX.

In this case, using the LCR of your PBX system, CellRoute Mobile Office routes calls to mobile telephones via the GSM network and landline calls via landline trunks.

This connection allows inbound calls on the landline connected to the interface.

Furthermore, CellRoute Mobile Office can be connected to the analogue BCA extension of your PBX.

## Features

- GSM and PSTN network access supported (the gateway connects between the trunk line and the PBX)
- Dynamic Echo cancellation for a high quality audio
- Mechanical contact on the trunk in case of power failure
- SMS management. Sends and receives SMS messages via a web page interface
- Smart voice and fax routing
- LCD Display
- PSTN or GSM inbound call diversions
- Software upgrade
- CLIR via DTMF code
- GSM features supported (subject to operator)
- Incoming caller Identification
- Integrated LCR on a prefix basis

## Technical Features

### GSM gateway

**Voice bands**  
 E-GSM 900 890-915 MHz  
 935-960 MHz  
 GSM 1800 1719-1785 MHz  
 1805-1880 MHz

### Transmit power

Class 4 (2W) for E-GSM 900MHz  
 Class 1 (1W) for GSM 1800MHz

### Data connection

up to 85.6KB via GPRS



### Antenna

Integrated omni directional Antenna  
 SMA connector for external antenna (optional)

### Telephone interface

DTMF controlled call  
 Line voltage 48V  
 Current 40mA  
 Impedance 600 Ohm  
 Call ring 70Vrms

### Physical interface

Analogue Telephone / RJ11  
 G3 Fax/RJ11  
 RS232 data port / RJ45  
 GSM antenna  
 Gold plated SMA

### LAN Interface

RJ45 port  
 Ethernet Port 10M/100M  
 Auto-negotiation

## Which SIM cards should I use?

- a GSM SIM can be used (H3G USIMs cannot be used)
- all mobile operator services such as SMS services should be disabled
- for CLI restriction (caller line identification restriction), please enquire your mobile operator

