



The GSM CellFax allows network operators to provide an alternative to fixed line connections by offering their customers voice, data, fax and SMS in one unit.

CellFax provides users with high quality voice using EFR (Enhanced Full Rate) codecs, the ability to reliably Send and Receive Faxes using a standard Analogue G3 Fax Machine and has a data link rate of up to 85.6 kbps using GPRS for Email and Internet access .

## Benefits

- ✓ Quick and easy install
- ✓ No silent call periods
- ✓ Intelligent call routing
- ✓ Follow me
- ✓ Small investment, fast savings
- ✓ Uses standard Fax machine



## GSM Cell Fax

*cut costs and increase efficiency*



Analogue

Redundancy

GSM

Follow Me

FAX

DATA

SMS

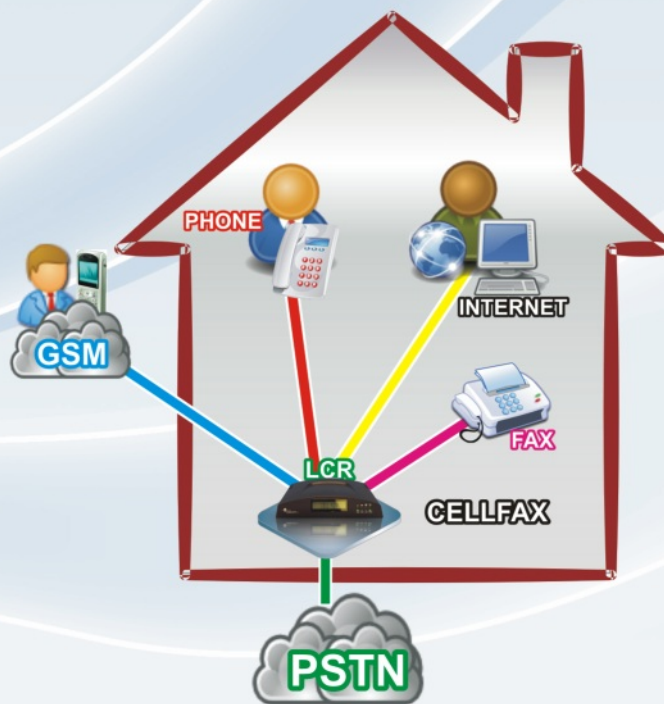
# TELSTROM

## Features

- Make and Receive Voice Calls via POTS Phone or PBX Trunk Port
- Make and Receive Voice Calls via PBX Extension Port
- Call Waiting
- Three Party Conference Calling
- Phonebook
- Fax Sending and Receiving via Analogue G3 Fax machine
- Fax Sending and Receiving via PC Fax
- Caller Line ID Presentation
- GPRS Data via PC Serial port
- Dialed Number substitution / modification
- SMS Sending and Receiving via Web Interface (using LAN Port)
- SIM lock, Network lock
- Hotline automatic number dialing



## Example Setup



### Telephony Interface

- Call Control DTMF
- Open Circuit Voltage 63V on hook
- Line Impedance 600 ohm
- Ring Load REN 3
- CLIP ETSI / Bellcore standards

### GSM Interface

- GSM Module Siemens MC39i
- Bands GSM 900MHz
- GSM 1800MHz
- Transmit Power Class 4 (2W) for EGSM 900MHz
- Class 1 (1W) for GSM 1800MHz
- Speech Codecs Half Rate (HR)
- Full Rate (FR)
- Enhanced Full Rate (EFR)

### Physical Specification

- Phone Port RJ11 socket to connect Analogue Telephone or PBX trunk
- Fax Port RJ11 socket to connect Analogue G3 Fax Machine
- PSTN Port RJ11 socket to connect Analogue PSTN line
- Serial Port RJ45 socket to connect PC via RS232 Serial Port for Data
- LAN Port 10/100M Autosensing RJ45 Ethernet port to connect PC or Network for SMS
- GSM Antenna Male TNC Connector
- SIM Card 3V Small card

### Data Rates (Network Dependent)

- GPRS Class 10 - Max. 85.6 kbps Download
- CSD V.110 - Max. 14.4 kbps

### Technical Overview

- Power 110-240v. 50-60Hz to 12VDC
- Operating Temp. 0 - 45°C
- Humidity 0 - 85% non-condensing

Your local dealer