

# CallFinder® GSM

## Cellular Gateway



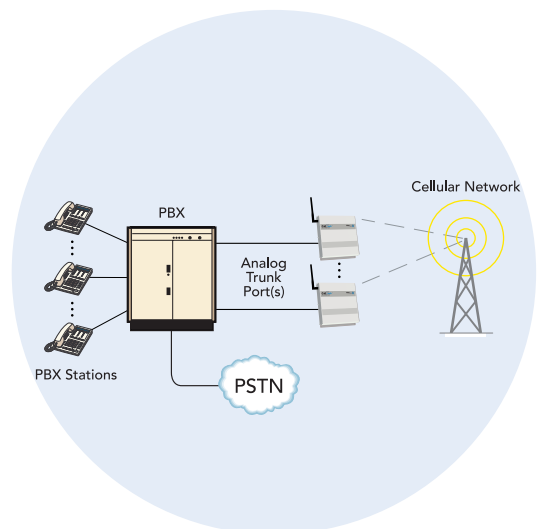
### Benefits

- Toll Bypass / Toll Reduction over wireless network
- Primary Voice Network or PSTN service backup
- Temporary emergency telephone line

The CallFinder® GSM cellular gateway enables small to medium sized businesses to take advantage of lower cost wireless networks to provide a substantial savings in their overall telephone bill. It connects to a PBX trunk line, PBX extension line, or a single PSTN line and routes incoming and outgoing calls through a GSM wireless network. Equipped with both FXS and FXO interfaces, the gateway offers a wide range of potential applications. When connected to a PBX or Key Telephone System, it converts an expensive PSTN-to-GSM call into a direct mobile-to-mobile call. When connected to an analog telephone, it can serve as the primary voice network for small remote offices or other locations that don't have a fixed line infrastructure. In addition, it can be used as an alternate route for voice communications in emergency situations.

### Features

- Connects to PBX, Key Telephone System, analog phones or analog phone lines
- Quad-band GSM 850/900/1800/1900 MHz
- FXS and FXO interfaces
- U.S. Caller ID reporting
- Line reversal features for disconnect and billing
- Voice features include Half rate (HR), Full rate (FR), Enhanced full rate (EFR) and Adaptive multi rate (AMR)
- SMA antenna connector
- Desktop or panel mounting
- Numerous LEDs provide operational status
- AT command compatible
- Small footprint
- PTCRB network certified
- Two-year warranty



## Highlights

**Gateway Between GSM and Landlines.** The CallFinder GSM cellular gateway connects to a PBX, KTS or analog phone to route incoming and outgoing calls over the GSM network. The gateway is typically connected to an analog CO port (POTS line). The user simply dials the desired cell phone number and the phone system's routing table will hand off the call to the port connected to the CallFinder. From here, the CallFinder will route the call over the wireless network.

**Reduce Cellular Telecom Costs.** Cellular mobile costs have grown to account for over one-third of the company bill for telecommunications.\* The CallFinder GSM cellular gateway connects directly to any business phone system and routes incoming and outgoing calls over a cellular network allowing companies to take advantage of their free "in-network" minutes. Not only are cell-to-cell calls free, but this also helps to reduce the number of pooled minutes needed. In addition, users can route the call forwarding "follow-me" feature over the cellular network. All of this collectively adds up to lower cellular telecom costs.

\* Insight Research, 2006

**Primary Voice Network for Remote Locations.** The CallFinder GSM cellular gateway provides a fast, easy fixed line alternative for small offices, SOHO environments or other remote locations. Simply connect an analog phone to the gateway, and the user can make affordable cellular calls over the GSM network. There is no need for fixed wiring, making it an ideal solution to any environment where a fixed line is not readily available such as mobile centers, or retail kiosks.

**Alternate Route / Disaster Planning.** The CallFinder GSM cellular gateway provides an easy, quick solution in emergency situations. If PSTN service were to go down, a GSM gateway attached to the phone system would allow users to make and receive calls over the GSM network, including emergency 911 service. This solution provides affordable "peace of mind" and helps ensure critical communication in disaster situations by providing an alternative route for voice communications.

**Comprehensive Service and Support.** The Multi-Tech commitment to service means we provide a two-year product warranty and service that includes free telephone technical support, 24-hour web site and ftp support.

## Specifications

### Voice Features

Half Rate (HR), Full Rate (FR), Enhanced Full Rate (EFR), & Adaptive Multi Rate (AMR)

### Antenna Connector

50 ohm SMA (Female connector)

### SIM Connector

Standard 3V SIM receptable

### Interface Connector

(1) RS-232 DB-9

### Voice Connectors

(2) RJ-11 (1 - FXS, 1 - FXO)

FXS Interface: Analog phone or PBX/KTS CO port; loop start

FXO Interface: PBX/KTS station port or CO line; loop start

### Power Connector

2.5mm miniature screw

### Power Requirements

5V to 32VDC

### Physical Description

6" L x 6.4" W x 1.2" H; 1.35 lbs.

(15.2 cm x 16.3 cm x 3.0 cm: 612g)

### Operating Environment

0° to +50° C

### Certifications

CE Mark, R&TTE

EMC: FCC Part 2, 15 Class A, 22, 24; EN 55022; EN 55024

Safety: cUL, UL 60950; EN 60950

Network: PTCRB

## Ordering Information

Product	Description	Region
CF100FX2-G	1-Port GSM Gateway (FXS/FXO)	Global

Specify country when ordering

Made in Mounds View, MN, U.S.A.

Features and specifications are subject to change without notice.

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