Mobile Router CR50
For Mobile Cost Optimization

Key Benefits

Reduce by 50% fixed-to-mobile calls

Manage Call & SMS

SMS bi-directionnal (HTTP/SMTP)

Compatible avec all PBX : ISDN and IP

Quick Installation

Web Administration

Solutions

Cost Reduction

Voice/SMS Router

The iQsim CR50 is an IP/GSM or ISDN/GSM router providing two simultaneous calls to mobiles. Enterprise calls from fixed-to-mobile are reduced by up to 50%. The CR50 connects the PBX to the public GSM network and allows the transformation of a fixed-to-mobile call to mobile-to-mobile call. The enterprise reduces costs without compromising quality expected by end-users.

CR50: Mobile Router

› **Savings on Fixed-to-Mobile calls**
The iQsim CR50 router is connected to **IP (or ISDN) and GSM networks.** Enterprise calls to mobile numbers are automatically sent to mobile networks through the enterprise own SIM cards. This reduces greatly communication costs more specifically for calls within the enterprise mobile fleet.

› **Easy installation with no PBX change**
No need to modify or upgrade the PBX, the CR50 provides transparently all these services in addition to your existing architecture.

› **Improve customer experience with SMS**
iQsim CR50 router has the capability to send and receive SMS. This provides a simple and affordable way to **better inform your customers and suppliers.**
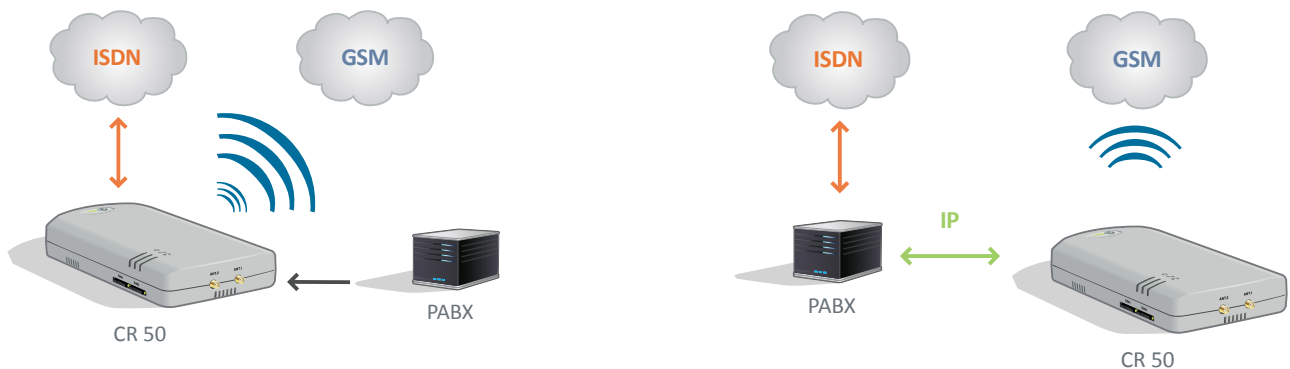
iQsim

Product Datasheet

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Intelligent Routing to Mobile network!

The CR50 is a **router between IP/GSM or BRI/GSM networks**, it can route calls from one network to the other, in both directions according to advanced routing rules. In addition, the CR50 can be configured to **send overflow calls to the fixed network**. The CR50 has **2 quad-band GSM channels** enabling 2 simultaneous GSM calls to mobiles to any operators. The CR50 **is installed and configured in a few minutes** without service interruption for users. It can be integrated in the network **transparently connected** between the PBX and the PSTN, on a dedicated BRI link or by IP through SIP trunks.

CR50 Technical Specifications

GSM Interfaces	2 GSM channels quad-band (850-900-1800-1900 MHz)
ISDN Interface (ISDN Version only)	1 BRI interface in pass-through (no configuration change on the PBX) BRI Multipoint or Point to Point ISDN Protocol : Euro ISDN, DSS-1
VOIP (IP version only)	Trunk SIP or H.323 Codec G.711 u-law/A-law, G.729, G.723
Voice Capabilities	Outgoing Calls (per SIM or per prefix routing) Incoming Calls (Direct Extension, IVR, CallThrough) Routing SIM card by SIM card - Callback
SMS Capabilities	SMTP (Email <=>SMS) - HTTP - Portail Web Per prefix Routing - Management of SMS List
Dimensions	222 mm x 115 mm x 32 mm (LxWxH) Weight : 1 Kg
Power	Power Supply 230 V AC 0,3A / 50Hz
System	NTP, Firewall, Web Administration, VLAN (IP Version)

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