IRON SIM Server One

All-in-One SIM Server

Key benefits

All-in-One SIM Server with SIM cards storage included

SIM card management for Call Termination and Bulk SMS solutions

Web-based Management

Call Routing to the best SIM card

Prepaid SIM cards Support with Recharge & Promotions

Gateway no requires configuration

Black & White Listing

iQsim's IRON SIM Server One is a unique **"all-in-one" stand-alone product,** providing the range, depth and intelligence of the IRON Suite SIM Server technology and SIM card storage in one product.

Combined with iQsim's GSM gateways, the IRON SIM Server One delivers **a complete solution to build a secured,** small to medium Call and SMS termination network.

Main advantages

› **Take the most out of your SIM cards**
Mobile Gateways are **deployed SIM-less**. SIM cards are stored in the IRON SIM Server One. SIM card allocation decisions are taken by the IRON SIM Server One based on user defined rules with parameters such as **credit, bonus and promotions, type of service (Call, SMS)**, country, operator, schedule.

› **Extend SIM card life**
The IRON SIM Server One embeds **a set of SIM protection features** in order to conform to standard usage (HBS) and to **prevent SIM from being out-of-service** (Anti-Dialer, Spamming Control).

› **Call Routing to the «Best SIM»**
All SIP calls signaling are going through the SIM Server One and then switched to the **adequate GSM ports in order to always use the «Best SIM».**

› **SMS Message to the «Best SIM»**
Bulk SMS campaigns are managed by the IRON SIM Server One in order to route **each SMS through the most appropriate SIM card** in order to lower the cost.

› **Easy to Deploy**
100% Web-based management for an **easy configuration and administration.**

2011 INTERNET TELEPHONY PRODUCT OF THE YEAR

iQsim

iQsim provides industry leading solutions enabling Cost-Reduction, Mobile Call & Bulk SMS Termination and Mobile Automation for Operators and Enterprises of all sizes.
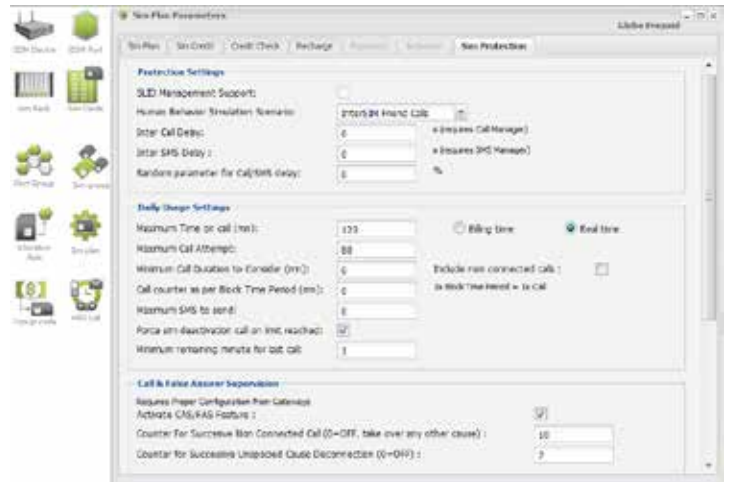
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All-in-One SIM Server

SIM Management Expertise

The **IRON SIM Server One** fully controls prepaid SIM cards usage. The first time they are inserted in the IRON SIM Server One chassis, SIM cards can be **automatically activated** for a specific service or tariff. Once ready to use, the IRON SIM Server One allocates prepaid SIM Cards to GSM gateways and **periodically controls** their remaining credit.

If a SIM card credit becomes low, the IRON SIM Server One will either **recharge it on-line** or remove it from routing to recharge it off-line. In addition, the IRON SIM Server One takes advantage of **special offers and promotions** offered by GSM providers which offer lower rates or free minutes based on volume usage or multiple recharges.

SIM Management Interface

IRON SIM Server One Specification

Dimensions & Weight	Rackable 19'', 2U - 7,5Kg. 550 x 380 x 150 mm (L x D x h)
Power Requirements	Auto-ranging power supply 100-240V AC. Maximum power consumption : 40 W.
SIM Card Boards	Hot swappable. Automatic 3V and 5V detection.
Local Network	Ethernet 10/100 Mbps, Auto-sense.
Minimum Bandwidth requirements	512 Kb/s
GSM Port Capacity	Up to 256 UMTS or GSM channels
SIM Card Capacity	256 SIM storage included. Can be extended with additional RACKS to 5 120 SIM cards.
SIM Control & Price Plans	Prepaid, Postpaid, SIM Card Recharge & Credit Synchronization (USSD, Credit Transfer, SMS, IVR), SIM Daily, Weekly and Monthly control.
SIM Protection	HBS (Call, SMS, Voice Mail), SLID for IMEI Management
Call Routing	SIP connection with Soft switch - Call Routed to the «Best SIM»
Bulk SMS Solution	Up to 64 simultaneous SMS sessions SMPP v3.4 / SMS Campaigner (Optional)
Management	100% web-based management

Headquarters
«Les Algorithmes Aristote A»
2000 Route des Lucioles
06410 Biot - France
Phone: +33 4 97 04 19 30

Paris, France
Phone: +33 4 97 04 19 38

São Paulo, Brazil
Phone: +55 11 3526 6745

Mexico, DF, Mexico
Phone: +52 559 000 5601

www.iQsim.com