

MULTI-NETWORK LCR

VOIP MIGRATION

ISDN / GSM / VOIP BACK UP

ENTERPRISE ONE NUMBER  
SOFTWARE SOLUTION

# QesCom 400

NOT JUST A WAY TO SAVE MONEY

Convergence equipment for multi-network telephony systems, QesCom 400 connects the enterprise's different telecom networks, landline, mobile and VoIP.

By drastically reducing the phone bill, QesCom 400 is paid off in a few months.

QesCom equipment can be installed in a unique site or network connected. It is IP native and ready to support the enterprise's modularity and centralised management.

- ISDN, VOIP, GSM EQUIPMENT
- SEAMLESS LCR FOR OPTIMUM ROUTING
- VOIP MIGRATION WITHOUT CHANGING PBX
- FAILOVER BETWEEN VOICE NETWORKS

## → ISDN, VoIP, GSM equipment

GSM capacity: QesCom 400 allows from 0 to 16 simultaneous GSM channels.

VoIP capacity: it allows a capacity from 16 to 32 VoIP channels in H.323 or SIP.

ISDN cards: it includes an ISDN card, BRI or PRI.

Connection to the PBX: it is connected either in pass-through on the ISDN links, or in IP.

Grouping: a group of 5 devices can be managed as a unique system.

## → Seamless LCR for optimum routing

Each call routes according to advanced routing rule to pass it out by the most cost effective network.

## → VoIP migration without changing PBX

For a single site enterprise, QesCom 400 interconnects VoIP operators in order to make a SIP Trunk. For a multisite enterprise, QesCom 400 interconnects all sites in IP.

The enterprise can smoothly migrate to IP without changing its existing architecture.

QesCom 400 perfectly fits to heterogeneous PBX environments.

## → Failover between voice networks

Because it integrates the ISDN, GSM and VoIP networks, QesCom 400 allows redundancy in case of failure on one of these networks failure.

Routing rules can be configured in order to ensure service continuity. For example, if the ISDN operator access is defective, the equipment can automatically supply a failover link to GSM networks.

EURO ISDN , R2D MFC (CAS)  
SIP, H.323, T.38 COMPATIBLE  
GSM QUADBAND  
CERTIFIED BY PBX VENDORS  
REMOTE ADMINISTRATION

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## → GSM gateway

QuesCom 400 embeds 0, 4, 8, 12 or 16 GSM channels. The equipments can be interconnected in IP in order to enhance capacity. They can be remotely managed and seen as a unique system.

## → VoIP gateway

The equipment is IP native and enables up to 32 simultaneous VoIP communications. It is compatible with SIP and H.323 protocols. It supports G.711, G.723.1 and G.729a codecs for voice and T.38 codec for fax.

## → Call accounting tickets

The overall traffic passing through QuesCom 400 creates call accounting tickets. The information is available by email or FTP and exportable to the enterprise's call accounting software.

## → One Number

QuesCom 400 is available with the One Number solutions:

- One Number for Savings and Control
- One Number for Voice and Fax
- One Number for Mobility and Convergence

### TECHNICAL SPECIFICATIONS

ISDN	2 PRI or 4 PRI (in pass-through on PBX with 1 or 2 PRI) 4 BRI or 8 BRI (in pass-through on PBX with 2 or 4 BRI)
GSM	0, 4, 8, 12 or 16 GSM channels Quad band GSM (850/900/1800/1900 MHz), Dual band CDMA (800/1900 MHz) Tri band UMTS (850/1900/2100 MHz) Recommended GSM coverage: minimum -80dB
VoIP	Standard capacity: 16 VoIP Maximum capacity: 32 VoIP Protocols: H.323, SIP • Voice codecs: G.711, G.723.1, G.729a • Fax codec: T.38
Local network	Ethernet 10/100 Mbps TCP/IP Protocol
Dimensions	400 mm L x 325 mm D x 45 mm H Rackable 19" 1 U
Weight	Maximum 8 Kg
Power supply	Autoranging power supply 100-240 V AC 150 VA per QuesCom 400
Compliance	CE marking, ROHS, NOM, FCC, TBR4 ISDN, ISDN R2, ISDN PRI, Anatel
Administration	Web-based configuration Interface Monitoring: Microsoft Management Console (MMC) Interface Remote access by RAS SNMP

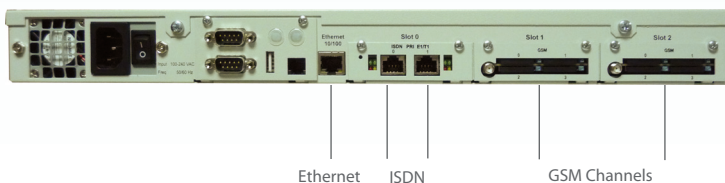
### OPTIONS

Software packs	Enterprise One Number Software solutions
Hardware extensions	20 Gb hard drive disk 16 Voip DSP Card max. of 1 GSM module and 1 DSP card per equipment

### PART NUMBERS

Product	Q412-0G-4B, Q412-0G-8B, Q412-0G-2P, Q412-0G-4P, Q412-8G-4B, Q412-4G-8B, Q412-8G-2P, Q412-4G-4P, Q412-8G-IP, Q412-12G-IP, Q412-16G-IP, Q412-16G-2P
Hardware extensions	Q400-HD-20, Q900-VPM
Licences	2 demo users See Enterprise One Number solution datasheet

QuesCom 400 | Rear panel



List of interoperability certifications with PBXs (please ask for the certified functionalities)

### QuesCom

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