

# QuesCom 400 IP/GSM

## GSM GATEWAY FOR IP-PBX

### Modular and scaleable architecture

QuesCom 400 IP/GSM is connected directly onto the IP-PBX using the existing IP network. This enables calls to be routed over the GSM network, and allows fixed-line-to-mobile calls to be automatically converted into mobile-to-mobile calls. QuesCom 400 IP/GSM also ensures that IP-PBX services such as call holding, call forwarding, call transfer and conference call capabilities are provided for calls made to mobile phones in the same manner as calls to landlines.

### Call back service\*

QuesCom 400 IP/GSM does not compromise GSM callback service as users can call back from their GSM and get connected to the calling number.

### Shared gateway

The IP integration provided by QuesCom 400 IP/GSM allows a single GSM gateway to be shared between different company sites. As the cost of calls from landlines to GSM phones are identical regardless of the caller's location, it is possible for different departments and sites within a company to share a single GSM gateway.



**Q**uesCom 400 IP/GSM is a revolutionary solution designed to reduce the cost of calling GSM networks in an IP telephony environment by up to 50 per cent.

It also includes an SMS gateway, which enables access to text services – allowing users to communicate in a quick and cost effective manner from their PCs.

**First GSM gateway for IP-PBX**

**Integrated SMS gateway**

**From 2 GSM channels**

**Compatible with all H.323 or SIP IP-PBX**

**Shared gateway architecture**

**Quick return on investment**

## QuesCom 400 IP/GSM

GSM GATEWAY FOR IP-PBX

QuesCom 400 IP/GSM enables businesses a quick return on investment for their IP telephony system.

### Powerful and flexible management

QuesCom 400 IP/GSM has an administration console accessible via Microsoft® Management Console. It is used to control GSM parameters and to view:

- the number of successful calls,
- the number of failed calls,
- the status of ports used for each GSM module,
- the level of the radio signal reception.

### Digital Sound Quality

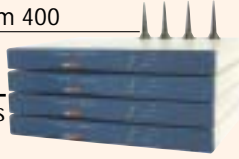
All calls made to GSM networks via QuesCom 400 IP/GSM are digital. This ensures the signal is not degraded, and also eliminates interference and feedback.

### Scalability

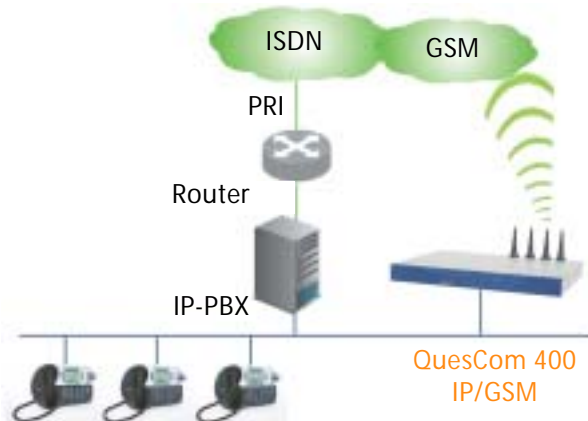
QuesCom 400 IP/GSM is available with configurations starting from 2 up to 60 GSM channels per stack. Each GSM module is dual band and supports both the GSM 900 and DCS 1800 standards.

### TECHNICAL SPECIFICATIONS

|                            |  |
|----------------------------|--|
| <b>Dimensions:</b>         | Rackable 19", 1U<br>400 mm L x 325 mm P x 45 mm H              |
| <b>Weight:</b>             | Maximum 8 Kg   |
| <b>Power requirements:</b> | Autoranging Power Supply 100-240 VAC<br>150 VA per QuesCom 400 |
| <b>Compliance:</b>         | FCC Class B Part 15,<br>CE Marking                             |
| <b>Local network:</b>      | Ethernet 10/100 Mbps<br>TCP/IP protocol                        |



### ARCHITECTURE



QuesCom 400 IP/GSM is connected directly to the IP-PBX over the existing IP network using either the H.323 or SIP networking protocol. In either case, once the redirect parameters across the IP-PBX have been defined, it is immediately operational – thereby dramatically reducing the level of network downtime associated with traditional communications network upgrades.

### Interoperability

QuesCom 400 IP/GSM simultaneously supports G.711, G.723.1, G.729a and GSM codecs in order to cover all possible cases. They can handle calls coming from a local or from a remote site. It is fully compatible with all H.323 or SIP systems.

### Overflow and Security

If all of the GSM modules are busy, QuesCom 400 IP/GSM can be configured to send overflow calls to the fixed network. This careful management of calls also makes it possible to handle potential saturation of the GSM network.

### Antennae connection

- A 4-GSM channels antenna (width 2,50m)
- Option: 4-to-1 antenna coupler (1 antenna for 16 GSM channels)
- Option: cable extension up to 30 meters. ■

\* Availability: May 2004



Available in the UK from

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