

BlueGate ISDN

- SMS_Mail SW - SMS Server
- LCR – Least Cost Routing
- Remote control
- DISA / OGM / CLIP

Reduce your phone bills and manage your GSM calls

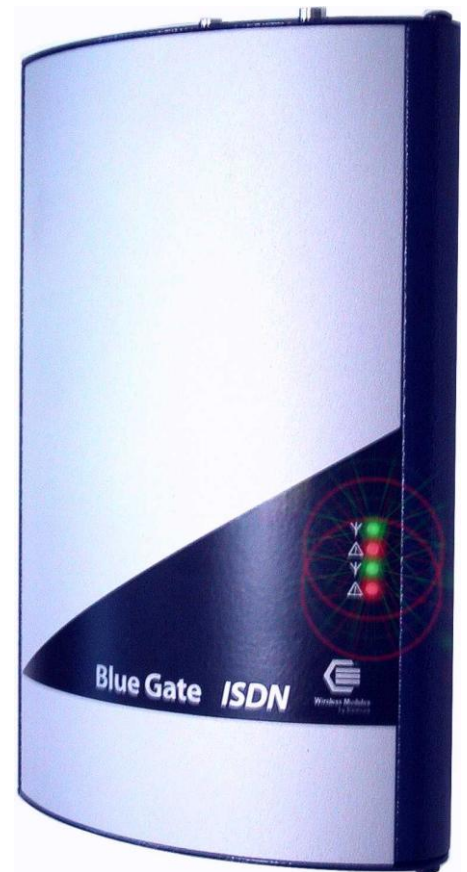
Optimize the management of your telecom infrastructure with Blue Gate ISDN GSM gateway.

Reduce significantly your telephone bills by routing mobile calls of your PABX through the Blue Gate ISDN GSM gateway.

Extend your PABX of by GSM lines, develop sites far from built-up areas.

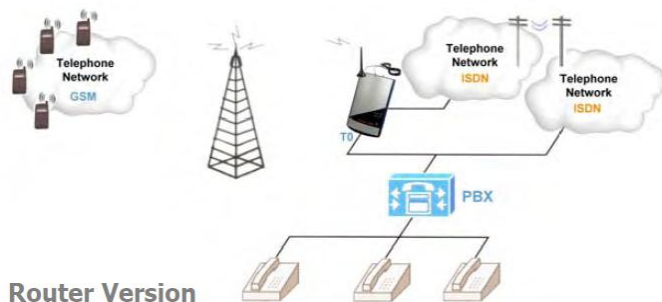
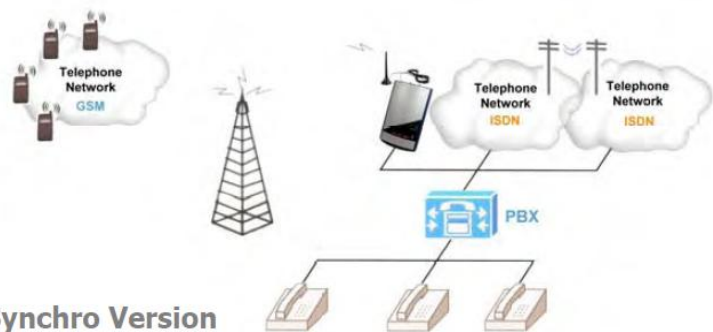
The gateway becomes an „**emergency lines**“ device when PSTN lines are broken and let your company keep in touch in all situations.

Very **simple installation** with the **provided Software**.



BlueGate ISDN can be supplied in two versions:

- **A Synchro version** is useful for PABXs requiring a synchro port on the gateway.



- **A Router version (DialThru)** is ideal for small companies with a small capacity PABX, no another BRI port is required. Route GSM calls via GSM part of the gateway and route other calls through ISDN network.

Benefits

- Possibility to use 1 or 2 SIM cards
- Sending SMS* compatible with your email software (POP)
 - Number of the recipient mentioned in the object
 - Multi users on a single gateway via LAN network of the company (1 license only²)
- Remote management* (with a data SIM card only)
- Outgoing message for DISA. 10 seconds recording per OGM module (OGM)*
- LCR
- Router Version or Synchro version
- Fax Transmission in G4 Mode
- Sends the CLIP to PBX (incoming calls)
- Calls without sending the phone number possible (from FW version 5.4)
- Supplied with Dualband GSM Modules Cinterion TC35i or MC55i / Telit
- Intelligent routing of incoming calls (from FW version 6.5)
- Call Baring: Outgoing / Incoming
- Customizable taxation

Blue Gate ISDN

- ISDN 1 Router (1 SIM card) - DiaThru
- ISDN 1 Synchro (1 SIM card)
- ISDN 2 Router (2 SIM cards) - DialThru
- ISDN 2 Synchro (2 SIM cards)

Air Interface Standard

- Dual band GSM: 900 and 1800 MHz

Frequency ranges

	<u>Transmission</u>	<u>Reception</u>
• GSM 900	890-915 MHz	935-960 MHz
• GSM 1800	1710-1785 MHz	1805-1880 MHz

Dimensions and Weight

- Metric (mm) 140*240*65
- Weight 1,5 Kg. (3,0 lb.)

Consumption

- Maximum 15 watts

SIM Card

- SIM compatible: 3V and 1,8V

AC/DC Switching Power Supply (included)

- Voltage 230V/ 9V - 1A
- Frequency: 50/60Hz

Environment

- Storage Temperature range: -5 ° C ÷ 50 ° C
- Operating Temperature range: +5 ° C ÷ 40 ° C
- Humidity: 10% to 80% at 30 °C

Connections

- 1 RJ 45 for T0 connection
- 1 RJ 45 for synchro connection
- 1 or 2 mini FME connectors for antenna
- 1 Connector jack
- 1 Connector DB 9 for management (RS 232)
- 1 Connector DB 9 for SMS_Mail (RS 232)*

LED Indicators (for each SIM card)

- Up indication for SIM card inserted (Green)
- Up indication for operating (transmitting) (Red)
- Front indication for connection to the GSM network (Green)
- Front indication for failure on the gateway (Red)

Antennas

- Dipole magnetic antenna with 3m cable
- Optional higher gain antennas available (YAGI)

