



The BRI-Route has been developed to enable major mobile carriers and resellers a cost effective solution for reducing companies telephone costs while increasing their productivity.

The BRI-Route will automatically detect its environment and will adapt accordingly, providing a robust fail-safe operation.

BRI Route connects to the PBX just like a regular BRI ISDN line and thus compatible with any type of PBX using ISDN.

Benefits

- ✓ Quick and easy install
- ✓ Auto sensing setup
- ✓ No silent call periods
- ✓ Intelligent call routing
- ✓ Mobility Extension / GSM DECT
- ✓ Small investment, fast savings



BRI Route Enterprise GSM Gateway

cut costs and increase efficiency



TELSTROM

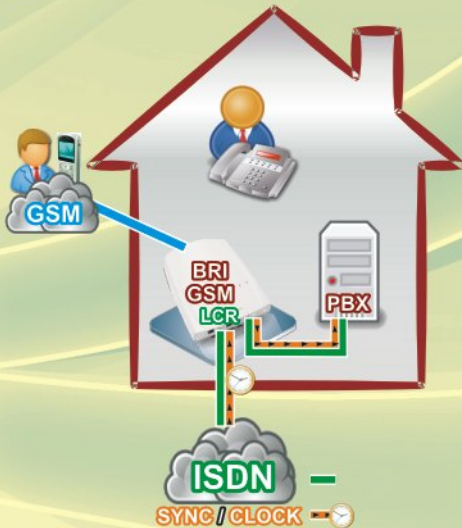
Features

- **Auto sensing setup** - auto detects Point to Point or Point to Multi Point
- **Virtual Ringtone** - No silent periods during GSM call setup.
- **MSN Numbers** - Direct incoming GSM calls to a destination of the PBX.
- **Intelligent call routing** - LCR (Least Cost Routing)
- **Network fail-safe** - Offers redundancy if ISDN lines go down.
- **2 SIM Cards** - multi network - Calls can be routed per SIM card.
- **Easy diagnostics** with real time tracing.
- **Mobility Extension / GSM DECT** - Use a mobile phone as a DECT handset.
- **ISDN Pass through** - no PBX real estate required. Refer to scenario 1.
- **Remote Monitoring** for operators.
- **Fixed Line Replacement** for operators.



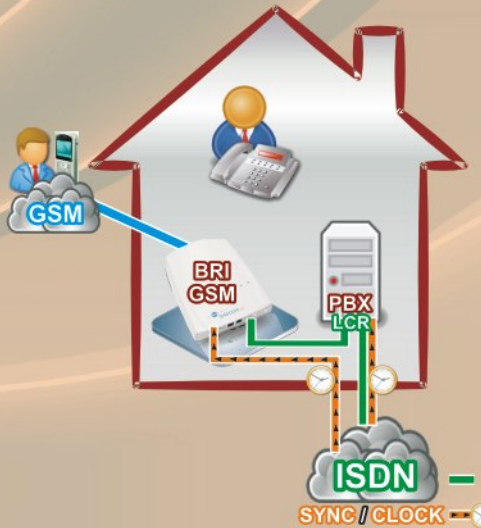
Automatic Configuration

Setup Scenario 1



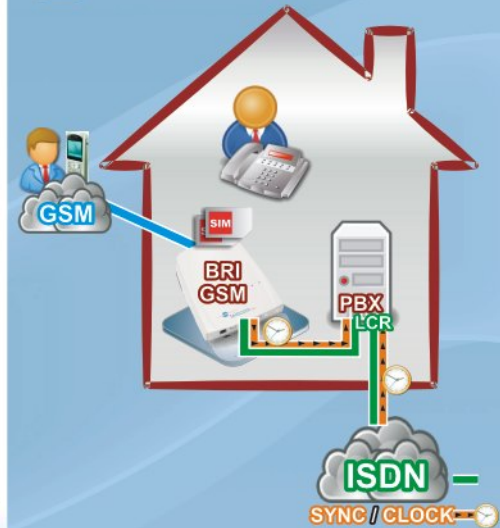
BRI route installed in series between the telco ISDN and the PBX. The BRI route can be setup to LCR GSM calls and pass through all other calls to the PSTN. This scenario is used when the PBX has no spare ISDN ports.

Setup Scenario 2



The BRI Route is installed on a spare BRI port on the PBX. Only sync / clock is taken from the Telco ISDN. This scenario is used to overcome the ISDN ticking that is sometimes heard.

Setup Scenario 3



The BRI Route is installed on a spare BRI port on the PBX and the PBX takes or ignores sync / clock from the BRI route. This is the most common setup scenario.

Approvals

- CE Certification to R & TTE directive 1999/S/SEC
- GSM Certifications:
- ETS 300 607-1
- Digital Cellular Telecommunications system
- EN 301 419-1
- Global System for Mobile communication
- ETS 300 342-1
- Radio Equipment and Systems

Technical Overview

- Power 110-240v. 50-60Hz to 12VDC
- Operating Temp. 0 - 45°C
- Humidity 0 - 85% non-condensing

Physical Specification

- 2 ISDN BRI Ports
- Length 286 mm
- Breadth 208 mm
- Height 52 mm
- Weight (unit) 900g
- Weight (total) 2.08kg (with power supply, antennae, packaging etc.)

GSM Interface

- Bands E-GSM 900MHz, GSM 1800MHz,
- GSM Phase 2+
- Transmit Power Class 4 (2W) for E-GSM 900MHz
- Class 1 (1W) for GSM 1800MHz
- Speech Codecs Half Rate (ETS 06.20)
- Full Rate (ETS 06.10)
- Enhanced Full Rate
- (ETS 06.50 / 06.60 / 06.80)
- External omni-directional antenna with SMA connection

Your local dealer