

# GSM Gateways

GSM Gateways are a cost saving device for calls from the PRI/BRI/VoIP interface to GSM networks. GSM Gateways always choose the cheapest route for each call.

## We offer

### Analogue GSM Gateways

- 2N® EasyGate
- 2N® EasyGate Pro
- 2N® SmartGate

### BRI GSM Gateways

- 2N® BRI Lite
- 2N® BRI Enterprise

### PRI GSM Gateways

- 2N® StarGate
- 2N® BlueTower

### VoIP GSM Gateways

- 2N® VoiceBlue Next
- 2N® StarGate
- 2N® BlueTower

## GSM Gateways are used as

- Cost saving tools
- Call (GSM) termination equipment
- Tools for sending/receiving SMS

## 2N® EasyGate \*\*

An analogue GSM Gateway for calling, faxing, data and Internet connection.

### Benefits for customers

- FXS\* phone line interface
- Analogue faxing
- Data connection (GPRS/CSD)
- Sending/receiving SMS
- Baby Call function\*
- Identification of calling party (FSK CLIP)
- Remote monitoring
- Black and white list for outgoing calls

### Use

- GSM Gateway (FCT)
- Fixed line replacement
- Connection of one analogue phone or external PBX line
- Data connection in remote areas
- Modem data



**EXCELLENT  
money saver**

### Mini Case Study:

The **2N® EasyGate** is used as a replacement for fixed lines. The gateway can significantly reduce telecommunication costs for companies calling from office phones to mobiles.

\*Refer to glossary - page: 54, 55

\*\*Also available with UMTS interface - page: 24

# 2N® EasyGate Pro

**2N® EasyGate Pro** offers internal battery back-up. If you're looking for a reliable solution resistant to power failure then this is the gateway for you. In addition, online time can be extended with the 2N® EnergyBank.\*

## Benefits for customers

- Internal battery back-up
- USB connector
- GSM signal indicator
- SMS alerts of power failure/restoration
- Rechargeable batteries in package (optional)
- Plus all the popular features of 2N® EasyGate

## Use

- GSM Gateway (FCT)
- Fixed line replacement
- Connection of one analogue phone or external PBX line
- Data connection in remote areas
- Modem data



# 2N® SmartGate

**2N® SmartGate** is excellent for routing purposes. Users can define their own routing structure for all incoming and outgoing calls.

## Benefits for customers

- 2N® Mobility Extension feature\*
- FXS and FXO\* phone line interface
- Analogue faxing
- Data connection (GPRS/CSD)
- Sending/receiving SMS
- CallBack\* (to FXS port)
- DialThru function\* (FXO, FXS)
- Remote monitoring & Remote setup
- Black and white list for all incoming/outgoing numbers on each interface

## Use

- GSM Gateway (FCT)
- Fixed line features in a mobile phone
- Data transfer Gateway
- SMS Gateway
- Connection to any PBX



## Mini Case Study:

2N® EasyGate Pro is widely used with lift intercoms where it provides reliable connection for emergency calls.

## Mini Case Study:

When connecting via the DialThru function, users can save money on outgoing calls. Calls terminated in a fixed network will have originated in the same network. The same applies to mobile communication.

\* For more information turn to page: 52

\*Refer to glossary - page: 54, 55

# 2N® BRI Enterprise

The **2N® BRI Enterprise** offers the same features as the 2N® BRI Lite. In addition, you don't need an extra port on your PBX with the DialThru mode. You can use the gateway as an ISDN line back-up and order the gateway with an Ethernet port for remote access via IP.

## Benefits for customers

- DialThru function\*
- Least Cost Routing\*
- 2 SIM cards
- CallBack\*
- Auto CLIP Routing\*
- Sending/receiving SMS
- SMS if no answer
- Free minute counter
- Remote control via GSM
- Remote control via an Ethernet interface (Optional)
- ISDN line monitoring with SMS alert

## Use

- As a GSM Gateway (FCT)
- As an SMS Gateway
- As a DialThru Gateway
- For ISDN line back-up

## Intended for

- Customers using ISDN BRI lines
- Customers using PBX with no spare digital port

# 2N® BRI Lite\*\*

Digital GSM Gateways (BRI) are used to cut costs on calls to GSM from fixed lines by cleverly directing calls to two different operators (2 SIM cards inside the gateway). BRI gateways are very common among PBX users who have ISDN BRI connections.

## Benefits for customers

- Least Cost Routing\*
- 2 SIM cards
- CallBack\*
- Auto CLIP Routing\*
- Sending/receiving SMS
- SMS if no answer
- Free minute counter
- Remote control via GSM
- ISDN line monitoring with SMS alert

## Use

- As a GSM Gateway (FCT)
- As an SMS Gateway

## Intended for

- Customers using PBX with a free digital port (BRI)



\*Refer to glossary – page: 54, 55

\*Refer to glossary – page: 54, 55

\*\* Also available with UMTS interface – page: 25

# 2N® VoiceBlue Next

This VoIP GSM 2-channel Gateway is a complementary product to any SIP - based IP PBX, connecting the user with a GSM network. The gateway is designed to reduce the costs of GSM calls.

## Benefits for customers

- Excellent voice quality
- Least Cost Routing\*  
(2 SIM cards enable calls to 2 different operators)
- 2N® Mobility Extension feature\*
- Sending/receiving SMS
- SMS if no answer
- Internal CallBack\*
- STUN\* protocol support
- Easy configuration
- Saving CDR\*
- PoE
- Web interface
- Tone detection
- 2N® SIM Star server support\*\*

## Use

- As a GSM Gateway (expand your IP PBX to include a GSM Gateway)
- For termination/origination



### Mini Case Study:

The **2N® VoiceBlue Next** VoIP GSM Gateway is widely-used by Cisco Unified Communications Manager and Asterisk users for cost-effective GSM calling.

You will find other supported gateways on the following list:

[http://www.2n.cz/download/1/9/8/0/supported\\_ip\\_pbxes\\_vbn\\_and\\_vbl\\_3.pdf](http://www.2n.cz/download/1/9/8/0/supported_ip_pbxes_vbn_and_vbl_3.pdf)

\*Refer to glossary – page: 54, 55

\*\*For more information turn to page: 26

# 2N® StarGate/2N® BlueTower\*\*

A multi-channel GSM Gateway that connects ISDN PRI or VoIP to a GSM network.

Companies of any size can make significant savings on calls from fixed lines to mobile phones using this product.

## Benefits for customers

- Least Cost Routing – Voice/SMS\*  
(Up to 8 SIM cards per channel)
- SMS to e-mail/e-mail to SMS
- SNMP
- CallBack (SMS & Voice)\*
- SMS if no answer
- Remote control
- Modularity\*
- Auto CLIP Routing\*
- Antenna splitter\*
- Multiple free minute counters
- Saving CDR and SDR (SMS data records)\*
- VoIP and PRI ISDN interface available in one chassis
- Number Portability solution
- Tone detection (number portability)
- **2N® SIM Star** support\*\*\*

## Use

- GSM Gateways
- Termination/Origination device – Voice/SMS
- PSTN/VoIP line back-up solution
- DialThru function\*
- CallBack\* Gateway

2N® StarGate  
up to 30+2 channels



2N® BlueTower  
up to 8 channels



### Mini Case Study:

An ideal product for call centers where calls are made to GSM networks; reduces call costs by 40-70%!

\*Refer to glossary – page: 54, 55

\*\*Also available with UMTS interface – page: 25

\*\*\*For more information turn to page: 37