

# Digital Way to GSM Networks

- Significant Cost Reduction
- Voice and SMS Transmittion

Wireless  
Modules  
by Siemens  
embedded



## **ATEUS® – ISDN BRI GATEWAY**

### Digital Way to GSM Networks

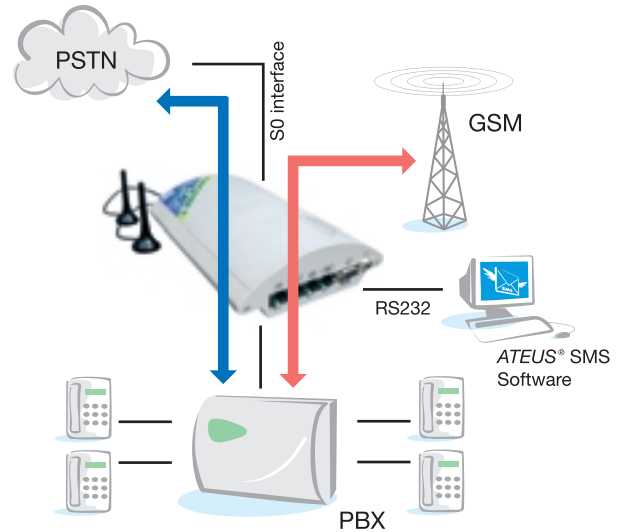
Are you interested in a solution which would save you your expenses when calling to the GSM network from your office phones? Using our ISDN Gateway, you can achieve substantial savings when calling the GSM network. The Gateway, thanks to its powerful and efficient LCR, routes the call in the cheapest way. Owing to the digital connection you can profit from other comfortable features i.e. CLIP, Intelligent routing of incoming and outgoing calls, speed of connection etc. Back up connection in the case of PSTN failure is available as well. The ATEUS® – ISDN Gateway with more BRI ISDN ports can be connected easily between your current PSTN ISDN BRI connection and your PBX – all without the necessity of a new BRI ISDN connection and PBX programming. The communication with your customers can be extended by means of SMS messages. Take advantage of our ATEUS® – SMS Server and all LAN users can send and receive SMS messages.



# ATEUS® – ISDN BRI GATEWAY

## Features:

- Efficient Least Cost Routing (LCR)
- Callback
- Quality voice transmission (EFR super sound)
- Intelligent routing of incoming calls based on the history of outgoing calls
- DTMF dial-in with voice message
- The ATEUS® – SMS – sending and receiving SMS messages
- Call data records
- SMS message in the case of a missed call
- Possibility of a connection as a digital extension line (second DTMF call support)
- Connection to your PBX by means of a digital BRI ISDN connection
- Analogue outputs and inputs for supervision of the device
- Call rejection
- Worldwide use (GSM 850/1900 MHz or 900/1800 MHz)



## Order numbers

Component	Order No.
2x GSM Siemens TC35i/1x ISDN (NT/TE)	502082E
1x GSM Siemens TC35i/1x ISDN (NT/TE)	502081E
1x GSM Siemens TC35i/ISDN 1x TE 1x NT	502070E
2x GSM Siemens TC35i/ISDN 2x TE 2x NT	502072E
1x GSM Siemens TC35i/ISDN 2x TE 2x NT	502073E
2x GSM Siemens TC35i/ISDN 2x TE 2x NT (PBX functionality)	502074E

## Technical parameters

	ATEUS® – GSM GATE ISDN	ATEUS® – GSM GATE ISDN Lite
<b>BRI ISDN</b>		
Number of ports	1x NT + 1x TE or 2x NT + 2x TE	1x NT/TE
BRI ISDN details	So interface Point to point or Point to multipoint Signalization EDSS1 Connection via RJ45 connectors	So interface Point to point or Point to multipoint Signalization EDSS1 Connection via RJ45 connectors
<b>GSM</b>		
Network types	850/900/1800/1900 MHz	850/1900 MHz or 900/1800 MHz*
GSM engine	TC35i	TC35i
Transmitter power	2 W (1 W)	2 W (1 W)
SIM card	Plug-in 3V SIM, one SIM per GSM channel	Plug-in 3V SIM, one SIM per GSM channel
<b>Antenna</b>		
Antenna connector	SMA (female)	SMA (female)
	Impedance 50 Ω	Impedance 50 Ω
GSM channels	1x or 2x**	1x or 2x**
<b>Mains</b>		
Power supply	230 V AC, 50/60 Hz or 12 V D/1 A	230 V AC, 50/60 Hz or 12 V D/1 A
Chassis	Standalone or rackversion	Standalone or rackversion
Serial interface	RS232C D-Sub 9pin connector Transmit speed 115 200 bit/sec	
Backup battery	CR2032	CR2032
<b>Remote control</b>		
	ISDN (X.75), GSM (CSD)	GSM (CSD)
<b>Universal INPUTS and SWITCHES</b>		
Universal inputs	2x (TTL logic)	-
Universal switches	2x (max 1 A/48 V)	-
<b>Other</b>		
Dimensions	210x150x55 mm	210x150x55 mm
Operating temperature	0-45 °C	0-45 °C

\* depends on GSM engine type

\*\* depends on order number

ATEUS® is a registered trade mark of 2N TELEKOMUNIKACE a.s. In order to improve constantly the ATEUS® products quality, 2N TELEKOMUNIKACE a.s. reserves the right to modify the ATEUS® products illustrated herein if necessary.



Available in the UK from Westlake Communications Ltd  
[www.westlakecommunications.co.uk](http://www.westlakecommunications.co.uk) [www.gsmsave.com](http://www.gsmsave.com)  
 Tel : 0800 298 8011 Fax : 0870 443 9045