

# Star Connection for your Company



- Significant cost savings
- 2x PRI ISDN connections
- Scalable capacity (up to 16 GSM channels)
- Voice and SMS transmission

Wireless  
Modules  
by Siemens  
embedded

## **ATEUS® – BLUESTAR**

### Star Connection for your Company

Are you interested in a flexible solution for your company, which would enable you to reduce phone expenses? The *ATEUS® – BLUESTAR* is a GSM Gateway designed for medium and large companies. Thanks to the flexibility of this GSM Gateway, you don't have to change it in the case of your company's growth. Highly sophisticated management of outgoing and incoming calls enables substantial cost reduction on the calls into the GSM networks. Thanks to the efficient Least Cost Routing (LCR) the *ATEUS® – BLUESTAR* GSM gateway always selects the cheapest network (GSM, PSTN) for your call. Support for external number portability database is standard. Your customers also have the opportunity to contact your company employees on their mobile phones. In addition, the back-up connection is available in the case of power failure. Through digital connection you can get comfortable features (i.e. CLIP, Intelligent routing of incoming and outgoing calls, connection speed etc.) which are not directly compatible with analogue interface. The *ATEUS® – BLUESTAR* can be easily connected between the current PSTN ISDN PRI interface and your PBX – all this without the necessity of new PRI ISDN port, with no need for programming of your PBX, etc. Connect the *ATEUS® – BLUESTAR* to the *ATEUS® – SMS* to your company's network and you'll have the possibility of communicating with your customers also via SMS messages.



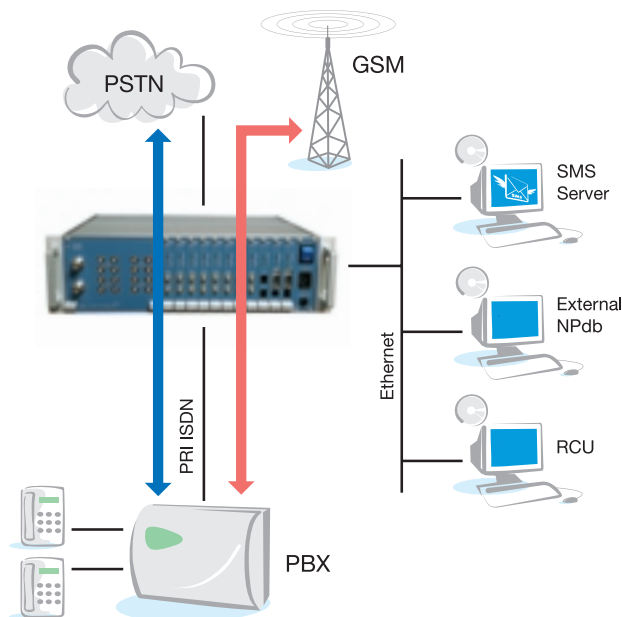
BLUESTAR 

  
TELEKOMUNIKACE

# ATEUS® – BLUESTAR

## Features:

- Connection to your PBX by digital port PRI ISDN (2x)
- Up to 16 GSM channels (hot swappable)
- Efficient Least Cost Routing (LCR)
- Not PC based
- Compact design (3U size)
- Worldwide use (900/1800 MHz or 850/1900 MHz)
- Integrated antenna splitter – only one high gain YAGI antenna for the whole system
- Comfortable remote control and management
- SMS and Voice Callback
- Support for sending and receiving SMS messages
- Support for external number portability database (NPdb)
- Detailed call statistics and large memory (250 thousand) for CDRs
- Right tone detection – special feature for Italy
- User friendly LED indicators on the front panel



## Order numbers

Component	Order No.
Basic unit (CPU, PSU, AUX and 2x PRI)	507210E
GSM card (2GSM channels, 4SIM holders per GSM channel) with 2x Siemens TC35i modules (900/1800 MHz)	507202E
Antenna splitter (16GSM channels to one directional antenna)	5060261E
BLUESTAR SMS user license	5072994E
BLUESTAR Look Up license	5072993E

## Technical parameters

PRI ISDN	
Number of ports	1x NT/TE or 2x NT/TE*
PRI ISDN details	S interface signaling EDSS1 (Q.931) QSIG (1x PRI) SS7 (ISUP)**
	Connection via RJ45 connectors
Synchronization	Master/Slave
VoIP	
Number of ports	1x
Protocol	SIP
Connection	RJ45
GSM	
GSM channels	From 2 to 16 (step 2)
Network types	900/1800 MHz or 850/1900 MHz**
GSM engine	Siemens TC35i
SIM card	Small plug-in, 3 V
Antenna connector	SMA (female) Impedance 50 W
Antenna splitter	
Integrated over voltage protection	
Input connector	SMA (female) Impedance 50 W
Output connector	N type female, impedance 50 W
Isolation between two channels	> 20 dB
Antenna	
With splitter	High gain YAGI dualband
Without splitter	Small dualband discreet antennas

Mains	
Power supply	100–240 V/50–60 Hz
Power input	Max. 230 VA
Backup battery	
Local control	
	2x RS232 serial connection D-Sub 9 pin connector Transmit speed 56700 b/s
Remote control	
	External Analogue, ISDN, GSM modem TCP/IP (Telnet protocol) PRI ISDN DATA HTTPS, SSH, SNMP, SMS, SMTP****
Other	
Dimensions	482x133x360 (84HPx3Ux360 mm)
Weight	9.8 kg
Operating temperature	20–50 °C
Relative humidity	Max 95 % at 40 °C
Recommended	Air condition, Line interactive UPS

- \* depends on order number
- \*\* depends on GSM engine type
- \*\*\* will be available this year
- \*\*\*\* with ATEUS® – RCU

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