

 Made in Germany



Overview

The beroNet 1 PRI Gateway contains one PRI (S2M, E1) port. The port can be operated individually in NT (Network Termination) or TE (Terminal Equipment) mode. By adding a virtual CAPI a Fax Server can be also connected. The Gateway is compatible with SIP. A connection to common PBX Systems is possible via the ISDN interface.

Advantages

- » Connects SIP with ISDN
- » ISDN port can be switched in TE or NT mode
- » Expandable with a supplementary module (PRI, BRI, FXO, FXS, GSM)
- » Via Cloud administrable
- » Cascadable using PCM
- » High quality Aluminium Housing
- » Virtual CAPI available

Available Modules

- » ISDN: BF4S0, BF2S02FXS, BF1E1, BF2E1
- » Analog: BF4FXO, BF4FXS, BF8FXS
- » GSM: BF2GSM

” The beroNet Gateway proved itself to be a robust and fail-proof carrier grade system from day one, handling up to 5000 calls per day.

Ercan Yapalak, IT Department
Zehnder GmbH

5 Good Reasons for beroNet Gateways

- 1 Cloud Management
- 2 5 Minute Installation
- 3 Highly flexible
- 4 ISDN / Analog / GSM
- 5 Tough & Expandable



beroNet VoIP Gateways can be equipped with up to two modules which makes them very flexible and highly adaptable to a divers range of client requirements.

Specifications

- » 1 PRI (S2M, E1) ISDN Port
- » The Port is configurable in NT or TE Mode
- » Termination resistors (100 Ohm) per line configurable
- » Layer 2 is Q.921 and Layer 3 is Q.931 (EuroISDN DSS1) compatible
- » DSS1 Feature Set: CLIP/No-Screening, CLIR, COLP, UUS, MCID, CD, CNIP AOC-D
- » Q.SIG Feature Set: CNIP
- » Optional CAPI 2.0 available (Fax, voice)
- » Codecs: G.723.1 and Annex A, G.729 a/b, G.726, (up to 16 channels)
- » G.711 u/a (up to 64 channels), including echo cancellation
- » G.168/G.165 echo cancellation with echo path change detection, up to 128ms
- » Voice activity detection / comfort noise generation
- » DTMF digit detection and generation
- » T.38 Fax Relay (V.27, V.29 and V.17) (up to 16 channels)
- » SIP user agent IETF RFC3261 compatible
- » SIP via UDP/TCP with optional TLS support, SRTP
- » "TDM Bridging" of two beronet devices via PCM Bus
- » Power supply: 110-230V, operating 12V DC at 2A
- » Compliance: CE (EN55022, EN55024, EN60950)

Dimensions and Weight

- » Dimensions: 168 x 168 x 42 mm
- » Weight: 800g
- » Mounting: 1 HE, optional available: 19" rack brackets, wall-mountable

Environment

- » Storage temperature: -20° – 70°C
- » Operating temperature: 0° – 40°C
- » Humidity: 20% – 90%, non-condensing

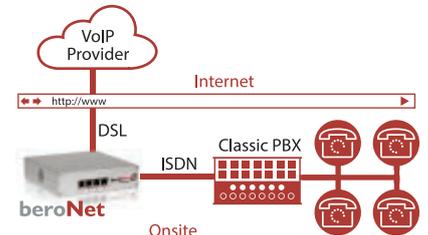


Fast installation and administration of the beronet Gateway with the easy to use Web interface of the beronet Web GUI.

” No other Gateway is integrated faster and easier.

✓ Niels Hansen, Systems Engineer,
Dierck Kommunikationstechnik
Handels GmbH

SIP Trunk Gateway



- » Compatible with all PBX Systems
- » Usable for almost any VoIP Provider
- » Costsaving due to further use of the proprietary PBX



Cloud
Managed



Compatible with
any IPBX



Fast
installation



Tough, no
moving parts



Energy
efficient



Modular &
Flexible



100%
silent



Easy
expandable

Compatible with



You have questions about the product? We are glad to help!

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