



LTE Session Border Controller

Innovative technology powered by beroNet OS



“ No other Gateway is integrated faster and easier. ”

Niels Hansen, Systems Engineer, Dierck Kommunikationstechnik Handels GmbH

OVERVIEW

The beroNet LTE SBCs connect SIP to LTE and support voice and SMS messaging. It is an ideal solution for least cost routing and voice failover via LTE. With two network interface cards, beroNet VoIP SBCs are a security solution for VoIP networks and can be easily and safely remote managed, configured and updated via the beroNet Cloud.



5 Good Reasons for beroNet SBCs



Less time training and more time with your customers



Free and premium support for when crazy things happen



Cloud integration simplifies remote updates and backups



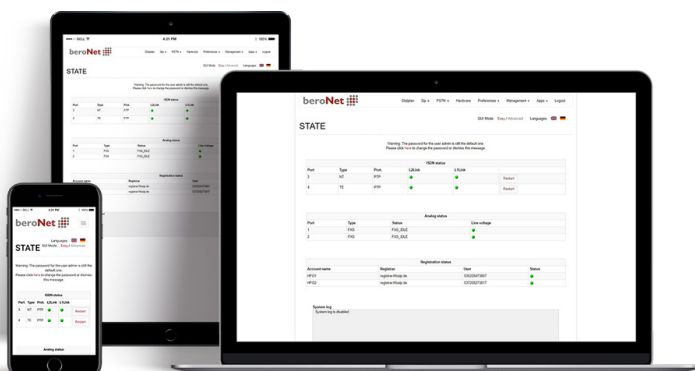
Enhance compatibility between VoIP providers and IPBX



Enhanced with Apps for additional functionality

Powered by beroNet OS

beroNet OS allows you to manage your VoIP SBC using your Web Browser, register to manage and monitor the device in the beroNet Cloud, and take advantage of SBC functionality by adding SBC Software Licenses. Using the beroNet App Market you can expand the functionality of your VoIP SBC with apps like the beroNet Survival Branch Appliance (SBA) App, OpenVPN, and OpenPBX.



LTE Models

Model	Description
BNSBC-M-2LTE	SBC with 2 LTE ports, Dual NIC and 2 sessions free – non-modular
BNSBC-M-4LTE	SBC with 4 LTE ports, Dual NIC and 2 sessions free – non-modular

SBC software licenses

AVAILABLE FOR SBC “M” MODELS

Model	Description
BNSBC-SESSION-4	beroNet SBC Software License for 4 sessions
BNSBC-SESSION-8	beroNet SBC Software License for 8 sessions
BNSBC-SESSION-Upgrade-8	beroNet SBC Upgrade from BNSBC-SESSION-4 to BNSBC-SESSION-8

TECHNICAL SPECIFICATIONS

- 2 or 4 LTE Ports (2 or 4 SIM cards)
- 2G/3G/4G (VoLTE)
- 2G Bands: B3(1800), B8(900)
- 3G Bands: B1(2100), B8(900)
- 4G Bands: B3(1800), B7(2600), B20(800), B1(2100), B8(900)
- SMS service (Text and PDU)
- Supplementary LTE services (CLIP, CLIR)
- Codecs: G.723.1 and Annex A, G.729 a/b, G.726, (up to 4 channels)
- G.711 including echo cancellation (G.168/G.165, 128ms)
- Voice activity detection / comfort noise generation
- DTMF digit detection and generation
- SIP user agent IETF RFC3261 compatible
- SIP over UDP/TCP with optional TLS support, SRTP
- Two 100Mbit LAN Ports (LAN / WAN)
- Power supply: 110-230V, operating 12V DC at 2A
- Average power consumption: 6 Watts (24 Watt maximum)
- CE, FCC and ACMA compliant
- Dimensions: 168 x 170 x 42 mm
- Weight: 800g
- Mounting: 1U, optional available: 19" rack brackets, wall-mountable
- Storage temperature: -20° to 70°C
- Operating temperature: 0° to 40°C
- Humidity: up to 90%, non-condensing



Cloud
Managed



Compatible with
any IPBX



Fast
Installation



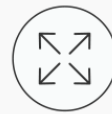
Tough, no
moving parts



Energy
Efficient



100%
Silent



Easy
Expandable

Options give you versatility

The beroNet LTE SBC includes 2 or 4 LTE ports and connects SIP with LTE and supports voice as well as SMS transmission. It is an ideal solution for voice failover via LTE. With two network interface cards, beroNet VoIP SBCs are a security solution for VoIP networks, simplify configuration and make IPBX Systems and VoIP Providers compatible. Two concurrent SIP-to-SIP sessions are already active. To add more concurrent sessions licenses are required.



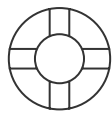
Features

- Supports voice and SMS transmission
- Voice failover options via LTE, Survival Branch PBX App available
- Make IPBX Systems and VoIP Providers compatible
- Adapt SIP Headers
- Secure the IPBX with topology hiding, and common attack prevention
- Easy to manage via WebGUI
- Convert from TCP to UDP, RTP to SRTP, varying codecs
- Cloud managed



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SUPPORT



SERVICES



OUR BLOG

