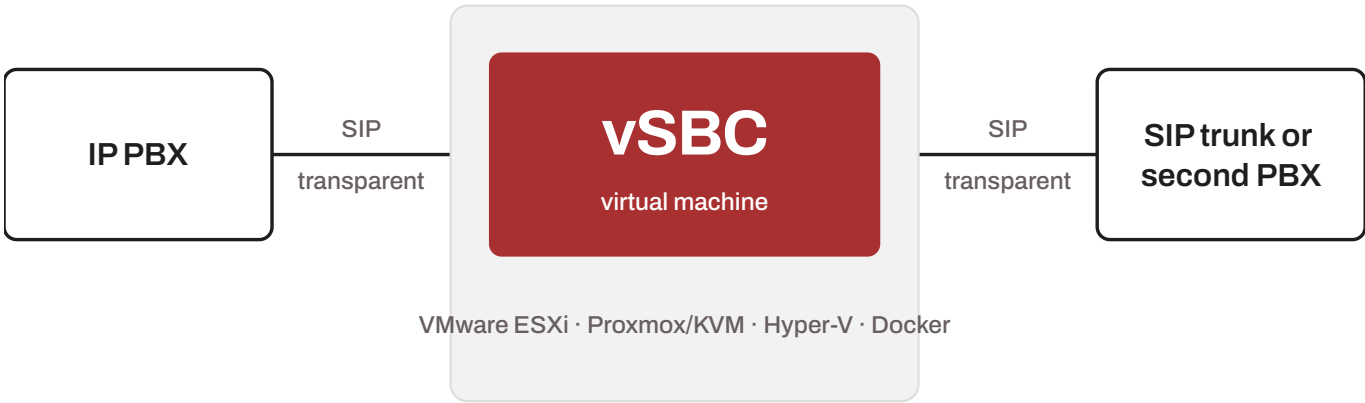


Virtual Session Border Controller

# vSBC

The software of the beroNet hardware SBCs as a virtual machine, for transparent SIP-to-SIP sessions.



- For VMware ESXi (OVA), Proxmox/KVM (qcow2), Microsoft Hyper-V (VHDX) and Docker; currently set up remotely by beroNet
- 2 transparent SIP-to-SIP sessions included, more with BNSBC-VM-TP licences up to 128
- The same SBC software and web interface as the beroNet hardware SBCs
- Activation through beroCloud
- No transcoding, no T.38 fax relay and no ISDN, analogue or LTE ports: the hardware SBCs cover those

## Models

| MODEL      | PSTN INTERFACES | PSTN CHANNELS | SESSIONS INCLUDED | MAX. TRANSPARENT | MAX. TRANSCODED |
|------------|-----------------|---------------|-------------------|------------------|-----------------|
| BNSBC - VM | none (pure SBC) | —             | 2                 | 128              | —               |

Sessions are transparent SIP-to-SIP sessions: included without licence, maximum with BNSBC-VM-TP licences.

## Technical data

### PLATFORM

|                |                                                                                  |
|----------------|----------------------------------------------------------------------------------|
| Virtualisation | VMware ESXi (OVA), Proxmox/KVM (qcow2), Microsoft Hyper-V (VHDX), Docker; x86_64 |
| Setup          | Currently set up remotely by beroNet                                             |
| Activation     | Through beroCloud                                                                |
| Network        | One virtual network interface is sufficient                                      |

### SESSIONS AND SIP

|               |                                                                                      |
|---------------|--------------------------------------------------------------------------------------|
| Sessions      | Transparent SIP-to-SIP sessions only; media is passed through unchanged              |
| Codecs        | Passed through transparently, no codec conversion; both sides need a codec in common |
| SIP           | RFC 3261                                                                             |
| Routing       | Routing and number manipulation in the dial plan                                     |
| Configuration | Web interface, the same as on the hardware SBCs                                      |

### NOT SUPPORTED

|                   |                                                                  |
|-------------------|------------------------------------------------------------------|
| Transcoding       | No transcoding                                                   |
| Fax               | No T.38 fax relay                                                |
| Signal processing | No echo cancellation, VAD/CNG or in-band DTMF detection (no DSP) |
| Interfaces        | No ISDN, analogue or LTE interfaces                              |

## Matching accessories

| ARTICLE             | DESCRIPTION                                  | FOR      |
|---------------------|----------------------------------------------|----------|
| BNSBC-VM-TP-8...128 | Licences for transparent SIP-to-SIP sessions | BNSBC-VM |

### Session licences

The vSBC handles SIP-to-SIP sessions only, all of them transparently. 2 sessions are included; with a BNSBC-VM-TP licence the vSBC handles 8 to 128 sessions. There are no transcoding licences for the vSBC.