



Conex™ SBC

THE MAIN POINTS AT A GLANCE

- Netzwerk Sicherheit
- Quality of Service
- Protokoll - Normalisierung

Conex™ SBC

Conex™ SBC is software of based session Boarder controller (SBC). Like a Proxyserver a session border controller (SBC) is involved when a SIP phone call is established. Its task is to control the access to the internal communication network by protocol translation and normalisation of the protocol SIP. Thus the SBC protects the integrity of the network operator. Moreover, the SBC is involved in the construction and the termination of phone calls (Sessions). In addition, number normalization of calls is performed. Calls are after suitable dial plans routet. In addition, the SBC protects the network from DDOS/DOS attacks and hides the internal network topology of external subscribers.

Featureübersicht

VoIP

- SIP 2.0 compliant
- SIP intrusion prevention
- SIP trunking and remote working
- SIP registration pass-thru
- SIP malformed packet protection
- Topology hiding
- ENUM routing
- SIP request rate limiting
- SIP registration scan attack detection
- SIP friendly load limitation
- SIP header normalization
- Advanced NAT traversal capabilities

Session and Monitoring

- Multiple Session Routing Options
- RTCP Statistics Reports
- QoS (ToS or DSCP)
- RADIUS CDR and Authentication
- QoS Monitoring and Reporting

Call Control

- Least Cost Routing
- Multiple call access control options
- Rate limiting: call and registration
- Endpoint authentication
- Dynamic load balancing and call routing
- Media bandwidth policy

Security

- DDoS / DoS Attack Protection
- Call Security with TLS/SRTP
- Media Security with SRTP
- IPSec Encryption
- IP Firewall

Management

- Easy to use web interface
- Real-time monitoring and debugging
- HTTP XML-based CDR
- REST based interface to remotely configure SBCs

Media Capabilities

- Voice, Video, FAX, IM and Presence Support
- Full RTP Transcoding (G.711, G.722, G.729, G.726, G.723.1, iLBC, AMR, G.722.1)
*Only available when combined with hardware transcoding module
- T.38 Fax Relay1
- Session and Monitoring
- Multiple Session Routing Options
- RTCP Statistics Reports
- QoS (ToS or DSCP)
- RADIUS CDR and Authentication
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Optional Hardware Appliance

Conex SBC

Smart Communication

Description	Value
Dimensions	8.5"(w) x 7.5"(D) x 1.5"(H)
Power	60W
Rack Mount	Optional
Ethernet	4x GigE
Hardware Assisted RTP	Factory Optional
Session/Call Capacity	60
Field Upgradeable	✓
Hardware ready for upgrade to capacity	✓

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