



# Synway SBC

## Session Border Controller

***Intelligently Safeguard Your VOIP Networks***

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# Brief Glance at Synway SBC

- *5~2,000 Pure IP SBC Sessions with Various Licensing*
- *High Interoperability with Various SIP Trunks & Platforms*
- *Enhanced Security and High Resiliency(1+1 Redundancy)*
- *A Complete Range of Security Protocols(SRTP/TSL/Https)*



# Basic Features and Functionalities

- *Dos/DDos protection*
- *QOS/ TOS/DSCP setting*
- *Signal encryption(TLS/IPSec)*
- *Media encryption ( SRTP )*

- *NAT transverse*
- *SIP/H.323/H.248 interworking*
- *Support IPV4 , IPV6 and VPN*
- *Load balancing*

- *Transmission speed limit*
- *RTP encoding/decoding*
- *Anti-phreaking*
- *Redundancy and Backup*



***Customizability for Free***



***1+1 High Availability***



***Pure Software & DSP Empowered***



***Configurability between  
SBC and VOIP Gateway***

**Synway SBC Unique  
Selling Points >>**



# Enhanced Security Guaranteed >>



***Complete Security Protocols***



***Survivability on Both  
VoIP & PSTN Networks***



***Dedicated DSP Processing  
in Extreme Condition***



***Software/Hardware  
Hi-Availability and Redundancy***

## High Interoperability

*Adopted by over 500 SPs and enterprises, and proven interoperability with SIP trunks, SIP platforms and IP cloud services*

## Enhanced Security

*Security-oriented, robust perimeter defense against cyber, DoS and DDoS attacks, as well as eavesdropping, fraud and service theft*

*Telco-grade reliability, with High Availability (HA) using 1+1 active/standby redundancy, local branch survivability and PSTN fallback*



**Finest  
Features for  
Sophisticated  
App.**



# Powerful Media/SIP Processing

## Superior media Processing

*Integrate decades of SWHW technologies to obtain advanced abilities  
for optimizing and monitoring voice quality*

## SIP normalization and convergence

*Compliant with all SIP Variants globally and SIP Trunking networks,  
customizable for SIP networks*

*Could scale up to 2000 sessions, and the various licensing options  
assure economical scalability*

# Title >>

## High Interoperability

Adopted by over 500 SPs and enterprises, and proven interoperability with SIP trunks, SIP platforms and IP cloud services

## Enhanced Security

Security-oriented, robust perimeter defense against cyber, DoS and DDoS attacks, as well as eavesdropping, fraud and service theft

## Superior Voice Quality

*Integrate decades of SW/HW technologies to obtain advanced capabilities for optimizing and monitoring voice service quality*

## High Resiliency

*Telco-grade reliability, with High Availability (HA) using 1+1 active/standby redundancy, local branch survivability and PSTN fallback*

## Flexible Scalability

*The SBC2000 architecture can scale up from 1000 to 2000 sessions, and the various licensing options assure economical scalability*





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