



## Synway SMG1000 Analog Media VoIP Gateway

Intelligently Bridge Your PSTN to VOIP Networks



# Brief Glance at Synway SBC

• 4~144 FXO/FXS to SIP Networks with high interoperability

High Interoperability with Various SIP Trunks & Platforms

Enhanced media processing and SIP routing capability

● A Complete Range of Codecs Protocols(G.729)



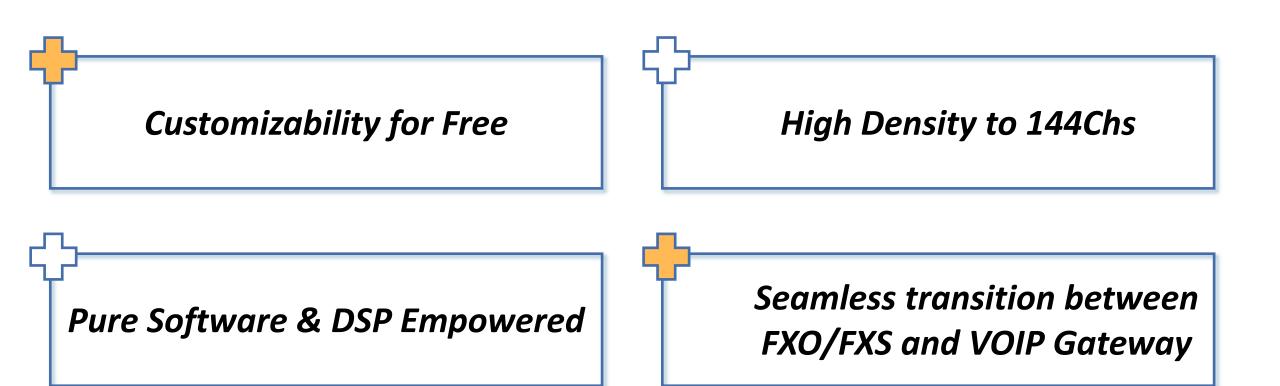


# **Basic Features and Functionalities**

- Dos/DDos protection
- QOS/TOS/DSCP setting
- Signal encryption
- Media Processing

- NAT transverse
- SIP interworking
- Support IPV4 , IPV6 and VPN
- Load balancing

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



# Synway SMG1000 Unique Selling Points





# Enhanced Security Guaranteed >>

**Complete Media Resources** 

High interoperability on Both VoIP & PSTN Networks

Dedicated DSP Processing in Extreme Condition

Software/Hardware
Hi-Availability and Dual Power

#### **High Interoperability**

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

#### **Rich Media Processing Capability**

Support high-capacity voice playback and Codecs, conferencing, faxing; Support T.38/T.30; optimized for IP-PBX,IVR and ACD applications, with EXT IVR server or GUI management.

#### **High Resiliency**

Telco-grade reliability, with High Reliablity 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

#### Flexible scalability

Could scale up to 144 sessions in a single device, and the various licensing options assure economical scalability





#### 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<br/>Voice Quality

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

#### High Resiliency

Telco-grade reliability and robust hardware architecture, local branch survivability and PSTN fallback

## Flexible Scalability

Some models of the SMG 1000 adopt modular architecture and can scale up from 144 sessions, with higher economical scalability





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