



Intelligently Bridge Your PSTN to VOIP Networks



Brief Glance
at Synway
SMG3000

• 1~64 E1/T1 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)



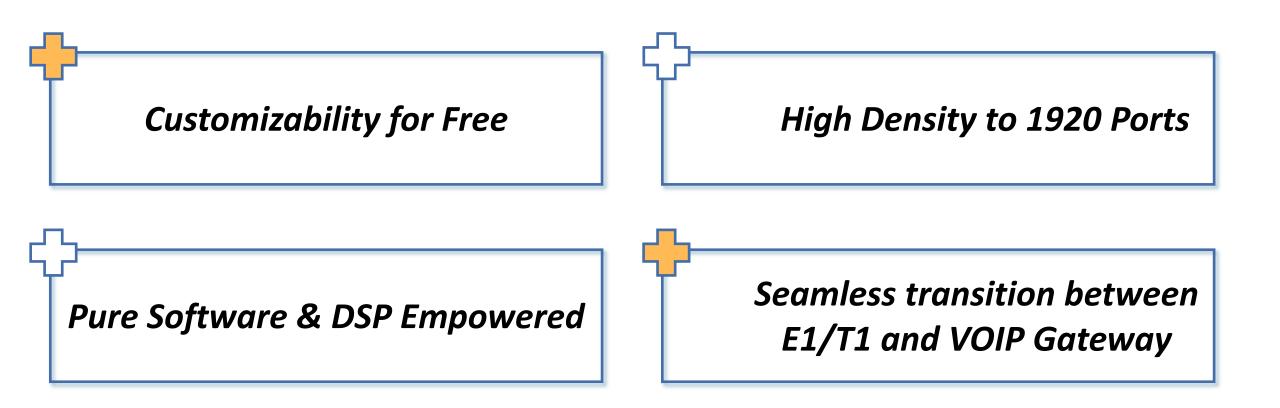


# Basic Features and Functionalities

- 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 SMG3000 Unique Selling Points





## Enhanced Security Guaranteed >>

Complete Media Resources & Signaling(ISDN/SS7/R2) 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 Reliability redundancy, local branch survivability and PSTN fallback



Finest
 Features for
 Sophisticated
 App.



## 

Powerful Media/SIP Processing

## **Superior media Processing**

Integrate decades of SW/HW 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 1920 sessions in a single device, and the various

licensing options assure economical scalability



## Title >>

High	Enhanced	Complete TDM	High	Flexible
Interoperability	Security	Signaling	Resiliency	Scalability
Adopted by over 500 SPs and enterprises, and proven interoperability with SIP trunks, SIP platforms and IP cloud services	Security-oriented, robust perimeter defense against cyber, DoS and DDoS attacks, as well as eavesdropping, fraud and service theft	All TDM signaling including SS7, ISDN, R2,CAS, SIP, SIP-I and more other telecom signaling	Telco-grade reliability and robust hardware architecture, local branch survivability and PSTN fallback	Some models of the SMG1000 adopt modular architecture and can scale up from 144 sessions, with higher economical scalability





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