



# Synway SMG3000 E1/T1 Media VoIP Gateway

***Intelligently Bridge Your PSTN to VOIP Networks***

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# 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*



***Customizability for Free***



***High Density to 1920 Ports***



***Pure Software & DSP Empowered***



***Seamless transition between  
E1/T1 and VOIP Gateway***

**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 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

## Complete TDM Signaling

All TDM signaling including SS7, ISDN, R2, CAS, SIP, SIP-I and more other telecom signaling

## High Resiliency

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

## Flexible Scalability

*Some models of the SMG1000 adopt modular architecture and can scale up from 144 sessions, with higher economical scalability*





# Synway SMG3000 Digital Media VoIP Gateway

***Intelligently Bridge Your PSTN to VOIP Networks***

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