

# IMS9000

IMS 9000 mainly provides voice assistance services and value-added services for enterprises, industries and governments. It has call control and processing, redundant routing, dual hot backup and other functions. It integrate traditional services and seamlessly integrate analog voice links with IP voice links, reducing the cost of enterprise voice communication. On this basis, value-added voice services such as voice mail/mail, teleconferencing, automatic switchboard, etc. are realized, which simplifies service deployment and truly realizes the benefits of communication.



## 1

The LVswitch softswitch system can access various communication networks. For example, access to the IMS/NGN core network through the SIP protocol, or access to the PSTN through the digital trunk or analog trunk of the backbone gateway. LVswitch softswitch system

## 3

The LVswitch softswitch system supports unified network management. System administrators can view status information for all devices, get alerts and configure data.

## 2

The LVswitch softswitch server supports dual system backup. When the main softswitch server fails, the backup softswitch server can immediately take over all voice services and switch seamlessly.

## 4

The LVswitch service system can provide various value-added services, such as conference, automatic soft console, single number communication, telephone recording, voice mail, billing, etc.



**Processor**

- Model E, LGA1155

**Memory**

- 8GB

**Hard disk**

- 1TB, Seagate 3.5 inches, 7200 RPM

**I/O interface**

- 3\*LED Indicators, 1\*RJ45 Console Port,
- 2\*USB 2.0 Ports,
- 3\*RJ45 GBE Ports,
- 2\*SFP GBE Ports,
- 1\*2×16 Character LCM

**Expansion slot**

- 2 Expansion slots

**Hardware Specifications**

- 2U, 19" standard cabinet

**Power input**

- Rated voltage range:  
100V AC~240VAC,  
50/60Hz

**Power**

- 350W

**Operating temperature**

- Operation temperature: 0~40°C;
- Store temperature: -20~70°C

**Ambient relative humidity**

- 5%~95%

**Altitude**

- Stable performance within 3000m

**Atmospheric pressure**

- 86KPa~106KPa

**Dust-proof**

- The concentration of particulate matter in the air is less than 180mg

**FAX**

- T.30
- T.38

**Basic service**

- Support intra-office calls
- outgoing call
- PSTN call
- NGN call
- IMS call

**Voice codec**

- Support G.711a/u
- G.729a
- G.723
- G.726
- GSM
- H.263
- H.264 voice codec

**Voice quality assurance**

- Dynamic Jitter Buffer
- Voice detection
- Comfortable background sound

**Voice codec**

- G.711U
- G.711A
- G.723
- G.729
- G.726

**Business statistics**

- Call log
- Traffic Statistics

**Private network traversal**

- ALG
- STUN server

**Video**

- SIP-based point-to-point video
- H. 263/ H. 264

**Unified Communications**

- Voicemail
- Personalized Voicemail
- Call recording
- Follow me
- SMS gateway (CMPP, SGIP, network service, strong strength GSM)
- Intelligent routing

**EMC & safety certificate**

- CE/FCC

**Local management**

- Web interface management

**ARP attack defense**

- IP/MAC binding
- ARP attack prevention

**Basic Voice Service**

- Call waiting IMS9000• Call forward
- Call pick up
- Call park
- Caller ID
- Abbreviated dail
- DND
- 3-way calling
- Call restriction
- Alarm service
- DID
- DNIS
- Digit map
- Check own number
- Trunk polling
- Intelligent routing
- Automatic redial
- Long call limit
- Hide number
- Secretarial business
- Number change
- Blacklist

**Telephone conference**

- Live conference call,
- Conference Call Reservation
- Chairman's conference call,
- Access conference call,
- SMS,
- Conference notification email,
- Conference minutes

**Call center**

- ACD, IVR, queue recording
- Support integration of CTI through protocols such as TSAPI

**Bill**

- Detailed call logs, personal call analysis
- Department call analysis, call level analysis

**Billing docking**

- Third-party billing software connection (API mode, FTP mode)

**Backup recovery**

- Support local/remote data backup

**•Remote management**

- SNMP V2/V3, TR069, SYSLOG,
- System online update, remote configuration parameter backup and recovery

