TGSGVX4
softswitch

Overview

TGSGVX4 is a carrier class softswitch class 5 providing voice service communication features. TGSGVX4 supports protocol access using SIP for direct IP phone terminal, SIP-T between softswitch, and Megaco for access gateway connectivity (large subscriber). TGSGVX4 can also be integrated with legacy TDM switching by using external trunk gateway (ISDN/SS7).

Access Signaling Protocol

• SIP, SIP-T

TGSGVX4 support SIP (Session Initiation Protocol) for peer-to peer VoiP communication and SIP-T for interworking between softswitches. SIP based on RFC3261 and SIP-T based on RFC3372.

• Megaco (H248)

TGSGVX4 support H248 / Megaco (Media Gateway Control Protocol Architecture) for communication control of media gateway. Megaco based on RFC2805.

Codec Supported

- G711 a-law and u-law
- G723
- G729
- H263 (Video)
- H264 (Video)

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Benefits

► **Highly Scalable**

The system is modular, it can be expanded easily and can adapt to many kinds of architecture.

► **No Hardware Voice Card Needed**

TGSGVX4 is full software solution, it does not need additional card hardware. Just needs pc server to deploy and run the system.

► **High Switching Capability and Compatibility**

TGSGVX4 can handle multiple call at once and able to interface with other system such as other softswitches or trunk gateways. Able to handle up to 500.000 concurrent calls and one million subscribers.

► **Tested on Many VoIP Clients and Access Gateway**

TGSGVX4 has been tested on major VoIP clients including IP Phone, Softphone and Access Gateway from well known manufacture. TGSGVX4 also already been proved to be worked with multiple major trunk gateway

► **Great Aftersales Service and Support**

We provides trainings, maintenance, helpdesk and standby engineers to satisfy our clients in using our systems.

Basic Features

► **Client Registration**

User can register by entering the correct username and password from soft phone or IP phone and the system will assign the number.

► **Voice Call**

TGSGVX4 support voice call. The system route the signaling between users and connects the voice call.

► **Fax (G711 and T38)**

TGSGVX4 support fax call and negotiation by voice (G711) and by IP (T38).

► **Video Call**

TGSGVX4 support video call with audio. H246 video codecs and H263 video codecs is supported.

► **Web GUI for Configuring and Maintenance**

Administering and configuring the system can be done using web browser. The web GUI can be accessed by busing major browser without additional add on

Value Added Service

- Call Transfer
- Call Hunting
- Recording
- Call Forward
- Codec Filtering
- Multiple Ringing
- Voice Mail
- CLIP/CLIR
- Video Conference
- Voice Conference
- IVR
- Call Barring/Blocking
- RTP-Forwarding
- Call Waiting

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