Edge-corE
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VES3302 SIP Extension Server

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Product Overview

The Edge-Core VES3302 is an SIP extension server for the Edge-Core SIP PBX. With built-in Registrar, and Proxy Server, no other server is required for calling. There are 3 models of the VES3302 line, each of the models having a suffix according to the number of extensions. Thus, the range has the suffixes: 12, 36, 90. Incorporating the 'stackable' function, up to 600 units, 54,000 extensions can be supported in a single system. Calls between the SIP environment and Edge-Core IP PBX network, are just like calls between extensions.

Key Benefits

Built-in Registrar and Proxy Server, no other server is required

The Edge-Core VES3302 is a SIP Extension module for the Edge-Core SIP PBX. With Built-in Registrar and Proxy Server, no other server is required for making VoIP calls. There are 3 models of the VES3302 line, each of the models having a suffix according to the number of extensions: 12, 36, 90. Incorporating the 'stackable' function, up to 600 units, 54,000 extensions can be supported in a single system. Calls between the SIP environment and Edge-Core IP-PBX network, are just like calls between extensions.

NAT Penetration for instant 'plug and play'

Owing to the lack of Public IP address, user would like to construct network with Private IP behind NAT. For this issue, built-in Media Relay in Edge-Core VES3302 provides SIP devices to penetrate NAT. SIP users are able to make calls without configuring any NAT setting.

Supports standard SIP devices for a range of functions

Any SIP device that complies with SIP Protocols RFC-3261, RFC-2833, RFC-2543 (Call Hold function) can register to the Edge-Core VES3302 as an extension of the Edge-Core SIP PBX and workl as full function extension of Edge-Core IP PBX.

Construct a Powerful SIP PBX System

When the Edge-Core VES3302 is configured in the Edge-Core IP-PBX environment, SIP devices registered to it have full extension functions, including: transfer, pick-up by others, forward, barring, seize remote trunk (local or remote site), and trunk group. With the addition of more Edge-Core application servers, such as: The Broadcast Server, Conference Bridge, Automatic Call Distributor (ACD), and SIP trunk, value added services, like VoIP broadcast call, conference, ACD call center, and a connection with Soft Phone switch allows groups in various locations access to the services.

Mobile extension function in conjunction with Edge-Core IP PBX

When intergrated with the Edge-Core SIP PBX, the SIP device can be assigned the same extension as in the IP PBX enviroment, but with a higher priority. Thus registered, the SIP device will ring first. If not registered, the original extension will ring normally. In conjunction with Soft and Wi-Fi phones as SIP extensions, mobile extension application applications come alive.

Combines with traditional PBX to provide a second mobile system

Supporting mobile SIP devices such as Soft Phone and Wi-Fi phone, the Edge-Core VES3302, with it's 'plug and play' features provides a smart mobile extension system in conjunction with the traditional PBX. The user need not miss any calls anytime.

The old saying: "Where there is a will, there is a way." For Edge-Core, we always keep to find the best integrated network solutions for you.

Specifications

Physical Ports

- Ethernet Port: 2
- CDR Port: 1
- Console Port: 1

Data/Voice Performance

- Voice Compression: G.711/G.723/G.729AB
- Silence Suppression: VAD, CNG
- Echo Cancellation: G.165, G.168 16ms
- Adaptive jitter buffer management
- Gain Control: (In/Out) +/-6db
- Pocket Time: 40ms
- Transport Protocol: RTP, RTCP
- Call Control Protocol: SIP
- FAX: T.30/T.38

PBX Function

- Auto Attendant (DISA)
- Network Operator Group
- Call Transfer
- Call forward (Network forward / PSTN offnet forward)
- Barring Class
- Call Pick Up Group
- PSTN-IP-PSTN transit call
- Auto Routing Control / Least Cost Routing
- Line Group
- Trunk Group
- Trunk Class
- Automatic Trunk Selection
- Specific Trunk Selection
- Abbreviation Dialing
- Call Hold Music
- CDR (Call Detail Record) for billing
- Call Park

- Call Hold
- Secretarial Intercept Function
- Conference Call
- VoIP Broadcast Call
- DND (Do Not Disturb)
- Dialer
- Work with traditional IP-PBX
- Stackable and Networking function

Management

- Web Configuration
- Telnet Configuration
- Phone set Configuration
- FTP Remote Software Upgrade

Mechanical

- Dimension : 172 x 35 x 176 mm
- LED Indicator: Power, Alarm, Registered, Time Server, Stun, Link/Act, 100Mbps

Power Requirements

- Power Type: External Power Adaptor
- Nominal Input Voltage: 100VAC ~ 240VAC
- Input Frequency: 50/60Hz
- Power Consumption: 12W

Environmental

Temperature:
- Operating Temperature:0° ~50° C (Standard Operating)
- Storage Temperature:-10° to 70° C (Non Operating)

Standard Protocol

- RFC-3261
- RFC-2833
- RFC-2543

Ordering Information

VES3302-12 12 Extensions Server
VES3302-36 36 Extensions Server
VES3302-90 90 Extensions Server

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