

# VTG3300 Series VoIP Trunking Gateway



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## Product Overview

The VTG3300 series VoIP Trunking Gateways is a VoIP gateway with IP-PBX functions. It provides a VoIP solution for saving long distance and international call expenses. By using Edge-Core's VoIP Trunking Gateway, users can keep their original dialing number between headquarter and branch offices. There is no need to buy PBX for newly established branches. PSTN calls between branch offices can be replaced with IP calls which will be free of charge. All international calls to PSTN will be charged as local calls. ROI (return of investment) is very fast.

## Key Benefits

### VoIP Gateway with IP-PBX Functions

With PBX functions, the VTG3300 series gateway is more than just a VoIP gateway. The VTG3300 has both VoIP gateway and networked IP-PBX functions.

### Fully Distributed IP PBX Architecture

No gatekeeper or server is required for the VTG3300 series since it is designed with Edge-Core's fully distributed architecture. There is no extra purchasing cost and/or maintaining gatekeepers/servers. Never worry about the single-point-failure problem of gatekeepers/servers. The powerful features provided by the VTG3300 series allow users to deploy different applications, such as free cell phone roaming, virtual company, distributed call center, automatic call forwarding services, etc. These applications help enterprises with multiple locations save substantially on phone bills.

### E.164 Compliance to Maintain Original Dialing Behavior

With the VTG3300 E.164 compliant numbering rules, it is easy to configure different dialing patterns simply through software settings and thus maintain the original behavior for various dialing requirements. Flexible barring rules of the VTG3300 allows system administrators to control phone call authentication, for various calling patterns from different levels of callers.

### Scalable and Flexible Configuration

With different port/module configurations, the VTG3300 series is highly scalable to deploy and upgrade. Whenever additional ports are required, extra VTG3300 devices can be stacked up. All VTG3300 devices located in different branch offices can be connected through IP network as if they were stacked locally.

### Networked Virtual Company Optimizing communication resources for all branch offices and vendors/customers

With the VTG3300 functions, enterprises may construct a virtual, private communication network to optimize communication resources for all branch offices. Employees simply dial network extensions to reach other employees in remote offices, just like dialing local extension numbers. All the PBX operator resources and call center agents can be assigned in different locations or integrated into one based on their language/technical expertise, thus saving human resources.

### Newly Established Branch Offices

**Protecting investment by using VTG3300 IP-PBX**  
When establishing new branch offices, deploying the VTG3300 series is a worthwhile equipment investment. Users don't have to purchase both PBX/KTS and the VoIP gateways for new offices; the VTG3300's dual functions of VoIP gateway and PBX meet various kinds of communication requirements for enterprises.

### Multi-National Enterprises and SMEs

The VTG3300 Series offers a complete VoIP solution for cost saving, mobility, and revenue generation.

### Overseas Assignees, Overseas Students, Immigrants, and Road Warriors

Free phone calls/FAX back to their offices and homes

## Specifications

### Physical Port

#### VTG3306A

- Phone Interface: 4-ports:
  - 2 FXO + 2 FXS (RJ-11)
- LAN/WAN port:
  - 2 Fast Ethernet ports
  - 10/100Base-TX port
- Console:RJ-45 x 1

#### VTG3306C

- Phone Interface: 4-ports: 4 FXO (RJ-11)
- LAN/WAN port:
  - 2 Ethernet ports
  - 10/100Base-TX port
- Console:RJ-45 x 1

### Data/Voice Management

- Voice Compression: G.711/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: Edge-Core Proprietary
- FAX: T.30/T.38
- Phone Book: Manual Configuration

### SIP PBX Feature

- Auto Attendant
- Network Operator Group
- Barring Class
- Trunk Group
- Trunk Class
- Line Group
- Call Pick Up
- Network Extension Line
- Inbound Transit Call

- Outbound Transit Call
- Least Call Routing
- Traffic Management
- Call Transfer
- Call Forward
- Abbreviated Dialing
- CDR Collection
- DND (Do Not Disturb)
- Support Lifeline (Only for VTG3306A)

### Management

- Management Tools :  
Web browser, Phone set, System Console, Telnet
- IP Address Support :  
Static IP/Dynamic IP/Private IP/PPPoE /DHCP
- Firmware upgrade: via FTP server

### Mechanical

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

### Power Requirements

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

### Environmental

- Operating Temperature:
  - 0° C ~ 50° C
- Storage Temperature:
  - -10° C ~ 70° C

## Ordering Information

VTG3306A 4 Ports : 2 FXO + 2 FXS

VTG3306C 4 Ports : 4 FXO

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