

STENTOFON SIP Gateway

Features

- Makes it possible for external analogue equipment and telephony services to easily connect to the STENTOFON AlphaCom E Security Audio platform via a standard analogue FXO interface
- Flexible placement of the gateway anywhere along the AlphaCom E LAN/WAN
- Caller ID for incoming calls can be displayed
- 'Default simplex' from intercom substations through the gateway gives high conversation quality even in noisy environments
- Simple to make outgoing calls as line is selected either by group hunt or by prefix-defined FXO line
- DTMF signals can be sent during connection
- Simple web based configuration

Description

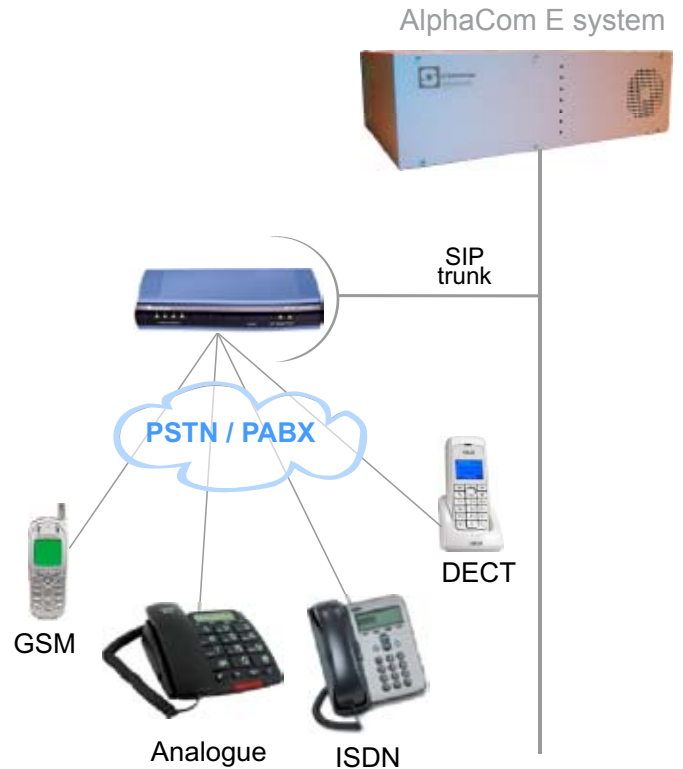
The new STENTOFON AlphaCom E Telephony Gateway has multiple advantages compared to the previous PNCI gateway like high capacity and cost efficiency. The MP-114/118 gateway connects by use of an Ethernet/IP connection, and is configured by using a simple built-in web interface. The gateway does not occupy any resources in AlphaCom boards – it is only IP connectivity between the AlphaCom E and the gateway.

Place the gateway wherever convenient on the IP LAN or WAN – IP connectivity between the AlphaCom E and the gateway gives total flexibility as to where the FXO connection is made.

Caller ID is presented in the display stations if 'Caller ID' is made available and the configuration is set in the gateway.

SIP trunk licenses must be combined with the SIP gateway to get everything that is needed to connect AlphaCom E to the telephone system or the public telephony service.

The gateway can be purchased as one physical unit for 4 or 8 lines.



It is simple to make outgoing calls to telephones: Dial a prefix - wait for a dial tone - dial the phone number. A complete number can also be stored under a DAK key or a substation call button.

Calls from the PSTN/telephony system can be handled in three ways:

- 1) A second dial tone is presented to the caller, then the caller dials the number identifying the station he/she wants to reach.
- 2) The call can be forwarded to a predefined station in a control room or a switchboard. From there, the call is transferred to the right person.
- 3) There can be a combination of these two – the caller may dial the wanted number after a second dial tone, or be transferred to a predefined station if no further dialling is made.

AlphaWeb example

SIP Gateways

SIP Trunk	Destination IP	License Status
Node: 101	10.5.2.42	1 Audio channel

AlphaWeb is a web based monitoring and configuration tool for AlphaCom E. The 'SIP Gateways' page as shown above includes SIP trunking license status. This license is a necessary compliment to the SIP gateway.

Specification

Usage:	For termination with analogue FXO lines; 2, 4, 6, or 8 lines. IP connection (WAN or LAN) to AlphaCom	Calling Line Identity:	Bellcore Type 1 & 2, ETSI, BT, NTT and DTMF-based CID (Brazil, Denmark, India, Netherlands, Sweden)
Telephone interface:	FXO Loop-start	EMC compliance:	EN55022 Class B, CFR Part 15 Class B, EN55024
Temperature range:	Storage: -25 to 70° C Operational: 5 to 40° C		EN61000-3-3, EN61000-3-2, VCCI Class X1 (equal to class B)
Humidity range:	10% to 90% non-condensing	Safety compliance:	EN60950-1 Safety of information technology equipment UL60950-1 Including compliance to section 6 (over-voltage protection)
Dimensions:	42 x 172 x 220 mm	Telecom compliance:	TRR-21, TIA-968
Power:	100 – 240 VAC / 50-60 Hz	Call Routing:	Direct dialling-in Two stage dialling Line hunting Prefix line selection
Mounting:	Rack mount with optional Rack-mount kit Table top Wall mount		
Ethernet Network Interface:	10/100 Mbps, Base-Tx, RJ45		
DTMF signaling:	SIP INFO "*" is DAK 0 and "#" is DAK 1.		
Network QoS:	Diffserve, TOS, 802.1 P/Q VLAN tagging		
IP transport:	RTP / RTCP per IETF RFC 3550 and 3551		

Ordering information

Order Number	Description
220 0001 000	4 port FXO gateway, AudioCodes MP-114
220 0001 008	8 port FXO gateway, AudioCodes MP-118
220 0002 000	19" rack mounting kit, AudioCodes MP-11X GW
100 9642 002	SIP Trunking License for 2 lines
100 9642 004	SIP Trunking License for 4 lines
100 9642 008	SIP Trunking License for 8 lines
100 9642 016	SIP Trunking License for 16 lines

Obtain the license key from your STENTOFON AlphaCom E distributor.



ZENITEL NORWAY AS
www.zenitel.com
marketing@zenitel.com

