

# AC2000 Vingtor Stentofon AlphaCom Interface

## VoIP Intercom, Alarms and Input/Output Control Integration



### Key Features

- Seamless bi-directional integration to AlphaCom XE servers over VoIP using the SIP protocol and SDK connection for Alarms and IO
- Use either AC2000 Intercom or AlphaCom SoftClient applications to communicate to any VoIP connected device
- Receive input alarms on AlphaCom stations and control output relays to provide 'command and control' and 'cause and effect' functionality
- Full call alarm monitoring and control from within Security Hub
- Use input and call alarms with an existing CEM Systems supported video interface to provide video-pop-up functionality for live video intercom viewing or to trigger PTZ presets on call
- Web application provides call log information and active or inactive status of all connected AC2000 intercom stations
- Live Node status can be viewed from within Security Hub

The AC2000 Vingtor Stentofon interface provides seamless bi-directional communication between CEM Systems AC2000 and AlphaCom XE intercom servers and workstations, as well as their respective intercom devices.

### Integrated SIP Device and Workstation Voice Communication

The AC2000 Vingtor Stentofon interface uses the 'Session Initiation Protocol' (SIP) and 'Voice over Internet Protocol' (VoIP) method for communication between both systems. AC2000 intercom devices and applications (e.g. AC2000 Intercom, emerald Intelligent Access Terminals and third party SIP subscribers) can make and receive calls to/from any connected AlphaCom station. In addition, any AlphaCom station can make and receive calls to/from any AC2000 intercom device or workstation.

### Integrated I/O Control

Through the AC2000 interface it is possible for the AC2000 server to receive call alarms, input alarms and trigger outputs to and from the AlphaCom stations. This can be used as part of the AC2000 Security Management System for 'command and control' and 'cause and effect' functions i.e. guard or operator notifications, video recording, video pop-up functions and PTZ preset-on-call. (Note: Assuming a CEM Systems supported video interface has been provided).

This seamless, fully integrated solution helps simplify the day to day management of your intercom systems by providing a single user interface for intercom device management; making it easier to deploy CEM Systems emerald Intelligent Access Terminals into your new or existing intercom architecture.

## Ease of Configuration

A simple Intercom Configuration application allows for integration of AlphaCom stations and the AC2000 system. Using the intuitive software interface, systems administrators can configure AlphaCom SIP servers, third party SIP subscribers, call redirection and backups, call alarms for AlphaCom stations and station input alarms. System administrators can also configure outputs to trigger from AC2000 Security Hub application.

## Station Import

The IntercomConfig application includes a fast intercom configuration function which using the AlphaCom SDK application can import devices for servers, nodes and stations directly from the AlphaCom exchange server which can be configured for inputs, outputs and device placements on Security Hub maps.

## AlphaCom Alarm and Control Management

Using the AC2000 AlphaCom Alarm Service, it is possible to see alarms on the AC2000 Security Hub for calls made, received, ended or busy, as well as input alarms on AlphaCom VOIP stations (i.e. Alarm-on-Calls). AlphaCom devices and inputs can be placed on Security Hub maps to provide alarm notifications and can be used to trigger outputs on AlphaCom stations (e.g. open door, enable nearby reader, trigger video capture, etc.). If a video integration is operational, video actions can also be attached to these alarms so that Video-on-Call is only available from v10.2 software and above. or Preset-on-Call is possible (e.g. moving a camera to look at a AlphaCom VoIP station that just made or received a call or show video from an AlphaCom Video-enabled station).

## AC2000 Web Application

The SIP Station and Call log web application provides a user friendly interface for displaying call history for all SIP VoIP communications made through the AC2000 system. You can also display a list of all active and inactive SIP based stations attached to AC2000 e.g. emerald readers, AC2000 intercom applications and third party SIP subscribers.

## Requirements

- AC2000 Security Hub
- AC2000 v8.0 software
- AC2000 Stentofon AlphaCom interface license
- emerald TS200, TS200f, TS300 or TS300f
- Vingtor Stentofon AlphaCom XE server and stations (For more information regarding AlphaCom XE server and stations, contact Vingtor Stentofon.)

## Ordering Information

Product Code	Description
SWINT-ALPHA	Stentofon AlphaCom Intercom Interface

To order contact [cem.sales@tycoint.com](mailto:cem.sales@tycoint.com) or call +44(0) 2890 456 767

## Related Products



- AC2000
- AC2000 Airport
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emerald Intelligent  
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