AC2000 Commend Interface
VoIP Intercom Integration

Features that make a difference:

- Seamless bi-directional integration to Commend VirtuoSIS v4.1 and GE800 v4.1 Servers over VoIP using the SIP protocol

- Use either AC2000 or Commend intercom applications to communicate to any VoIP connected device

- Send and Receive Input/Output alarms on Commend stations to provide command and control, and cause and effect functionality

- Use with an existing CEM supported video interface to provide video-pop-up functionality for live video intercom viewing or to trigger PTZ presets on call

- Web application to provide call log information and active or inactive status of all connected AC2000 intercom stations

The AC2000 Commend interface provides a seamless bi-directional communication between AC2000 and Commend intercom workstations, as well as their respective intercom devices.

The AC2000 Commend interface uses the 'Session Initiation Protocol (SIP) Voice over Internet Protocol (VoIP)' method for communication between both systems. AC2000 intercom devices and applications (i.e. intercom stations) can make and receive calls from any connected Commend station and similarly, any Commend station can make and receive calls from any AC2000 intercom device or workstation.

Through the AC2000 interface it is also possible for the AC2000 server to receive Input alarms and trigger Outputs to and from the Commend stations, which 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 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 control readers into your new or existing intercom architecture.

Ease of configuration

A simple intercom configuration application allows for integration of Commend stations and the AC2000 system. Using the intuitive software interface, systems administrators can enter Commend servers, subscribers, redirection extensions, backup extension details, inputs and outputs of Commend stations. This application includes a fast intercom configuration function which allows importing of a CSV file exported from Commend's CCT-ExTRAKTOR application, speeding up the intercom system setup and reduce data entry on both systems.

Commend Alarm and Control Management

Using the AC2000 CDC ICX Service it is possible to see alarms on AC2000 Security Hub for calls made, or received, on Commend VOIP stations i.e. Alarm-on-Calls.

Commend devices, inputs and command buttons can be placed on Security Hub maps to provide alarm notifications and trigger outputs on Commend stations (e.g. open door, enable nearby reader, trigger video capture, etc).
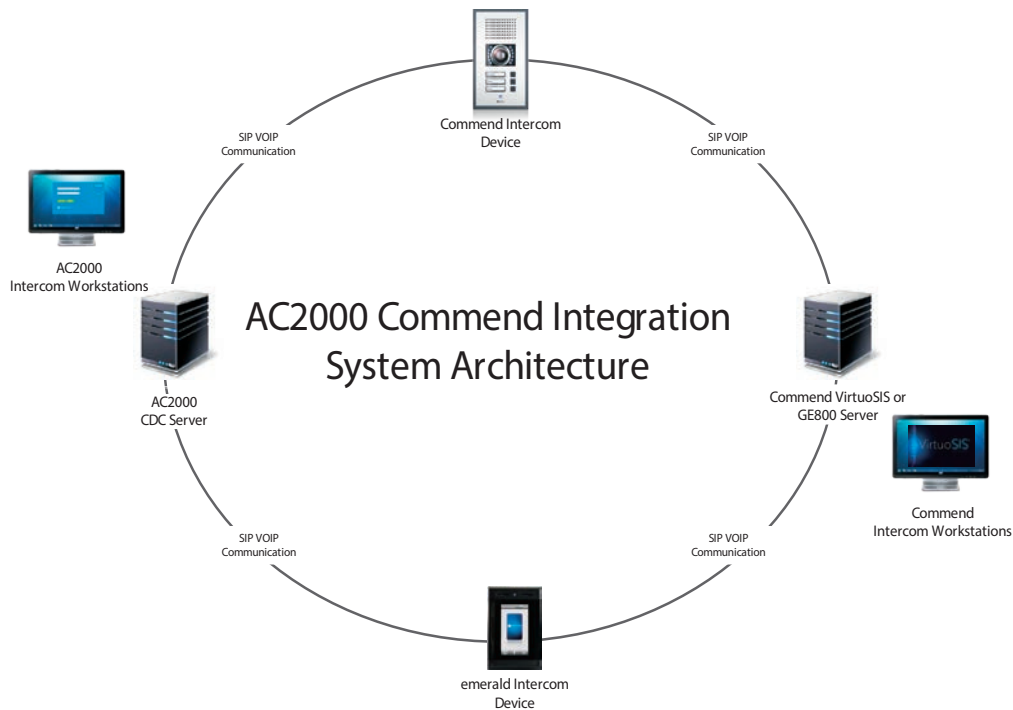
If a video integration is in place video actions can also be attached to these alarms so that Video-on-Call or Preset-on-Call is possible (e.g. moving a camera to look at a Commend VoIP station that just made or received a call).

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 as well as displaying a list of all active and inactive SIP based stations attached to AC2000 e.g. emerald readers, AC2000 intercom applications and 3rd party SIP subscribers.

Requirements

- Security Hub and Video Viewer available from AC2000 v7.1 Service Pack 1 upwards
- AC2000 v7.0 software & upwards
- AC2000 Commend Interface License
- emerald TS200 or TS300
- Commend VirtuoSIS v4.1.8-1 or Commend GE800 v4.1
  (Please contact Commend for further information)

AC2000 Commend Integration System Architecture

Commend Intercom Device

SIP VOIP Communication

SIP VOIP Communication

AC2000 Intercom Workstations

AC2000 CDC Server

Commend VirtuoSIS or GE800 Server

Commend Intercom Workstations

SIP VOIP Communication

SIP VOIP Communication

emerald Intercom Device

Ordering Information

Product Code	Description
SWINT-COMM	Commend Intercom Interface

Related Products

AC2000
AC2000 Airport

www.cemsys.com