

Description

The 1000vACS Virtual Announcement Control System software is the latest evolution in IED's long line of announcement control systems. It represents a migration from a dedicated hardware control processor to a software-based virtual announcement controller. The software contains all the intelligence to manage an entire system of digital microphone stations, digital power amplifiers, digital message servers, and other network peripherals. The GLOBALCOM series of products creates a system that is network-centric and utilizes the network as the dynamic audio routing mechanism instead of relying on dedicated channel paths.



Real-time Status Monitoring

The Flex Architecture of GLOBALCOM allows it to run on dedicated 1100/1200 hardware platforms or hosted on a server computer using the Microsoft Windows 7 or Server 2008 platform. By using a server-based installation, all of the announcement management responsibility is now placed on a hardware platform that can support redundant processors, redundant power supplies, and automatic storage media redundancy (RAID drive configurations). The announcement controller can now integrate into the facilities IT infrastructure and take full advantage of modern IT server-based redundancy and security. It can also be run in a virtualized environment such as VMware® or Microsoft Virtual Server.

Announcement Management Features

- Manages dynamic requests for live pages, delayed (DRP) pages (record and playback), pre-recorded messages (simple and assembled), record ad-hoc messages, mute actions (by zone group) and intercom connections
- Message management of up to 32 channels of delayed messages (DRP) and up to 32 channels of message playback when used with the appropriate hardware
- Up to 65,535 priority levels
- Basic software license allows up to 32 zones managed by one installation with options to expand zone capacity through license upgrades
- Announcements can be initiated by contact closures, from a microphone paging station or by a network command from higher-level management software, as well as from the optional telephone interfaces
- Messages can be played based on schedules

Device Interface/Management Features

- Up to 240 digital mic stations (528 or 520 series) and 65,536 zone outputs managed by one 1000vACS
- Interfaces with both GLOBALCOM and Titan series products
- Interfaces directly with digital displays running IED's VisDID drivers for fully synchronized audio and visual messaging
- Supervises all associated devices and provides fault status information
- Can operate with 510/520ACS products (slaved or peer-to-peer)
- Capable of interfacing actions with external devices using logic and relay interface hardware units

Message Server Features

- Storage of pre-recorded .wav message files limited only by amount of available drive space
- Stores/manages pre-recorded messages in multiple languages
- Capable of managing up to 32 playback and 32 recording operations simultaneously when used with appropriate hardware
- Channel capacity can be expanded by adding 1100MSG or 1200MSG Message Server units

Optional Features

- Text-to-Speech messages may be used in place of pre-recorded messages for installed languages
- Basic configuration can be done by accessing internally-hosted web pages
- Advanced configuration can be done through the IED Enterprise suite of tools
- Lifeline ACS option can be used to provide fully-redundant announcement controllers

Software License Options

1000vACS-32	vACS Software for up to 32 zones
1000vACS-64	vACS Software for up to 64 zones
1000vACS-128	vACS Software for up to 128 zones
1000vACS-MAX	vACS Software with unlimited zones
1010vACS-64	Upgrade from 32 to 64 zones
1010vACS-128	Upgrade from 32 to 128 zones
1010vACS-MAX	Upgrade from 32 to unlimited zones

Minimum System Requirements

Operating System

Microsoft Windows XP, Server 2003, 7, or Server 2008

Memory

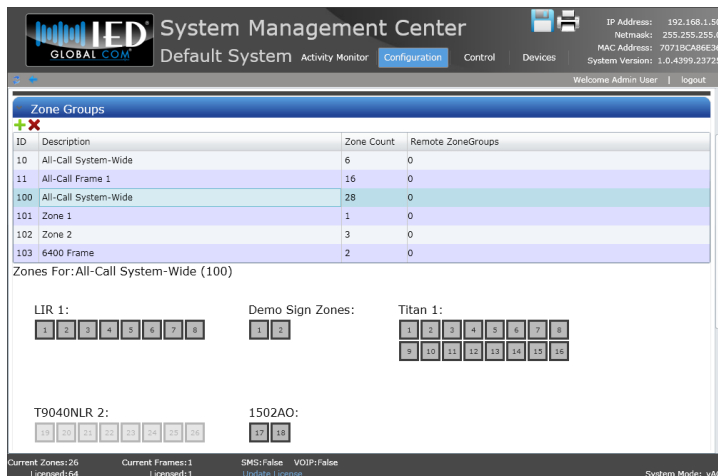
1GB Minimum (2GB or more recommended)

Additional Software

Microsoft Internet Information Server (IIS) 6.0 or later
Microsoft XML 4.0 or Higher
Microsoft .Net Framework 4.0



Integrated File Management



Easy-to-Use Configuration Tools