



## Description

The 1151 Enhanced Announcement Control System provides IED's GLOBALCOM Announcement Control System operating on a server platform. 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.

The 1151 provides the same functionality as the 1100ACS-32 Announcement Control System with the added benefits of a more robust server platform. The 1151 includes the Windows Server operating system and redundant power supplies. Internal storage uses a solid state drive to eliminate the failures associated with rotating physical drives.

## 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
- Included capacity for up to two (2) VoIP channels for telephone paging. Each channel functions independently as a basic SIP phone device using G.722 or G.711 protocols. Capacity can be increased by adding 1100TEL devices.
- Announcements can be initiated by contact closures (using external interface devices), 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 microphone stations (528 or 524 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

- Capable of eight (8) playback and eight (8) recording operations simultaneously
- Storage of pre-recorded .wav message files limited only by amount of available drive space
- Stores/manages pre-recorded messages in multiple languages
- Delayed messages limited only by disk space
- Channel capacity can be expanded with the addition of 1100MSG or 1200MSG Message Server units to the system

## Optional Features

- Text-to-Speech messages may be used in place of pre-recorded messages for installed languages
- Configuration can be done by accessing internally-hosted web pages
- Lifeline ACS option can be used to provide fully-redundant announcement controllers

## Specifications

Processor .....	Intel® Xeon® E5-2403 1.80GHz, 10M Cache, 6.4GT/s QPI, No Turbo, 4C, 80W, Max Mem 1066MHz
Memory Capacity.....	2GB (x2) UDIMM, 1333 MT/s, Low Volt, Single Rank, x8 Data Width
Operating System .....	Windows Server 2008 R2 SP1, Standard Edition,x64, Includes 5 CALS
OS Media kits.....	Windows Server 2008 R2 SP1, Standard Edition,x64, Media Kit
Hard Drives .....	100GB Solid State Drive SATA MLC 3Gbps 2.5in Hot-plug Drive, 3.5in HYB CARR-Limited Warranty
Power Supply.....	Dual, Hot-plug, Redundant Power Supply (1+1), 495W
Current Consumption .....	6.5A – 3A (100 – 240VAC, 50/60 Hz)
Heat Dissipation.....	1908 BTU/hr max
Maximum inrush current.....	.55A
Power Cords .....	NEMA 5-15P to C13 Wall Plug, 125 Volt, 15 AMP, 10 Feet (3m), Power Cord
Additional Network Adapters.....	On-Board Dual Gigabit Network Adapter
Rack Rails .....	ReadyRails™ Static Rails for 2/4-post Racks
Bezel .....	Removable Bezel with security lock
Internal Optical Drive .....	DVD+/-RW, SATA, Internal
PCIe Riser .....	Risers with up to 4, 3x8 PCIe Slots + 1x16 PCIe Slots
DSP .....	Texas Instruments TMS320C6713@300MHz
Audio Card Memroy.....	8MB
Audio Formats.....	8 bit unsigned PCM 16 bit signed PCM 24 bit signed PCM 32 bit signed PCM 32 bit floating point PCM
Playback sample rates.....	8 to 96kHz with 1Hz resolution
Record sample rates.....	8 to 96kHz with 1Hz resolution
Dimensions	
Height (2RU) .....	3.5" (8.7 cm)
Width.....	19" (48.3 cm)
Length.....	26.3" (66.7 cm)
Mounting Depth.....	24.9" (63.2 cm)
Operating Temperature.....	50°F – 95°F (10°C – 35°C)
Storage Temperature .....	-40°F – 149°F (-40°C – 65°C)