



# IMLCORP, LLC Sound Commander<sup>®</sup> & Alert Commander<sup>®</sup>

# **Tactical & Mass Notification Sound System**

Be Loud, Be Clear, Be Safe!



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Web Link Presentation:<a href="https://www.esc.guide/iml">https://www.esc.guide/iml</a>Official Web Site:<a href="https://www.imlcorp.com">https://www.imlcorp.com</a>





# 1

# **THE SERIES**









# SC1100 Portable/Tactical

- Portable/Tactical Loudspeakers
- Project crystal-clear voice and siren tones over 1000 meters
- Fully ruggedized for field operations
- Connect up to 4 speakers
- Internal 12VDC, 7.5AHr battery
- Wireless headset microphone
- Can be mounted on vehicles for land or sea

# SC360 Fixed Mass Notification System

- Fixed-Location Emergency Mass Notification
- Project crystal-clear live voice, pre-recorded messages, and siren tones
- Integrates with telephone, email, SMS, indoor speaker and signage
- Ideally suited for college, office/industrial campuses, airports, municipal, and military bases.

# SC5600 Deployable Mass Notification

- Long-range, directed acoustic hailing device
- Undistorted output at distances of more than 2000 meters
- Joystick controlled remote-powered pan and tilt mechanism
- Mount on ships and vehicles

# SC3500 Long-Range Directional Hailing Device

- Giant voice 360<sup>o</sup> deployable mass notification
- Deployable in any terrain or environment
- 131dB in a 1600 meter diameter
- Available with solar battery backup



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# 1.1. SC1100 Portable/Tactical

Powerful, Portable Tactical Loudspeakers Project Crystal-Clear Voice and Siren Tones For Mission-Critical Operations GSA - Contract 07F-9199-S



Be loud. Be clear. Be understood. Rely on **SoundCommander® SC1100** Series tactical, portable loudspeaker systems to take control in any mission-critical situation. It's the most powerful, high-clarity speaker of its size on the market. Carry it by backpack or hand or mount it on a vehicle and deliver your commands with crystal-clear voice, and your warnings with any of the four built-in sirens. SoundCommander SC1100 systems feature a powerful 120-Watt RMS amplifier to drive 1 to 4 speakers over 1000 meters (2/3 Mile) and a control panel with 4 inputs. When seconds count, there's no time for doubt. Take control with SoundCommander.

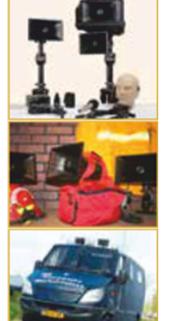


The SC1100CP Command Pack Portable Tactical Loudspeaker System is fully ruggedized for field operations. It includes its own internal 60-watt RMS loudspeaker, and internal 12VDC, 7.5AHr medical approved, rechargeable, sealed acid battery. The unit is protected by an aluminum skeletal framework and a custom-built integral padded soft case. It can be carried by hand or shoulder strap or worn as a backpack. The SC1100CP delivers focused directed audio for command control of incident scenes and disaster sites. It excels in hostage negotiations, support to disaster victims and for training and administrative activities.

**SC1100CP COMMAND PACK** base unit is the most flexible lightweight portable system on the market. The unit - plus its headset, microphone and accessories - fits inside its integral, padded soft case. It can be carried by hand or shoulder strap or worn as a backpack. It delivers focused audio for commands at incident scenes, for example hostage negotiations, support to disaster victims, and outdoor training.







**SoundCommander® SC1100EX EXPANDED Loudspeaker System** includes the lightweight Command Pack module plus a full complement of expansion components for both wired and wireless operations. It adds more speakers to the base unit and is designed to increase the effective use area of the base SC1100.

**SC1100MC Mobile/Command System** includes three speakers, two for permanent mounting on a vehicle and the third for portable operations. The system can also be configured for all three speakers to be used simultaneously in a dismounted mode.

**SC1100LS Land/Sea System** is permanently installed on any vehicle or facility with a 12VDC power source (24VDC also available). Two external mount loudspeakers with cables are included. The SC1100LS can operate up to four external speakers.

FEATURE	COMPONENT	DETAILS
Power Output	SC1100	All SC1100 units feature a powerful 120-Watt RMS amplifier to drive 1-4
ASY31100	ALL	speakers over 1000 metters (2/3 mile).
Input / Output	SC1100	All SC1100 units have a control panel with 4 inputs for microphones and
ASY31100	ALL	other audio systems, and 3 separate volume controls.
Command Pack ML25110	<b>SC1100</b> CP	CP model includes internal 60 watt RMS loudspeaker, and internal 12VDC 7.5AHr medical approved rechargeable sealed battery. It can be carried by
Hausing / Deployment	661100	hand, shoulder strap or as backpack.
Housing / Deployment SAS52045	<b>SC1100</b> ALL	Each unit is protected by an aluminum skeletal framework and a custom- built integral padded soft case (for portable models).
Expanded Edition	SC1100	Comes with 3 loudspeakers, two stands, wireless UHF transmitter/receiver
IML25130	EX	set, 15A AC power supply and a hard system transport/storage case with pull handle and wheels.
Mobile Command	SC1100	Comes with 3 speakers, 2 for permanent mounting on a vehicle and 3rd
IML25149	MC	for portable use.
Land / Sea IML25180	<b>SC1100</b> LS	Comes with up to 2 external speakers, designed to be permanently installed on a vehicle or facility. Has 12VDC power source (24DC also available), can power up to 4 speakers.





# **1.2. SC360 Fixed Mass Notification System**

System Fixed-Location Emergency Mass Notification Loudspeaker and Emergency Warning System



Deliver emergency mass notification announcements, instructions and warnings loud and clear with the **SoundCommander® SC360** fixed-location, "Giant Voice" loudspeaker system. Scientifically placed SC360 loudspeakers cover specific outdoor areas with powerful sirens and the clearest pre-recorded and live voice messages. The SC360 integrates with telephone, email, SMS, indoor-speaker and signage emergency mass notification systems. Ideally suited for college, office and industrial campuses; airports; zoos and parks; and military bases. When seconds count, there's no time for doubt. Take control with SoundCommander.



The SC360 System comes with Loudspeaker Array, Amplifier/Power Module, and Remote Central Control Base Station. The SC360 System complete with Loudspeaker Array, Amplifier/Power Module, and Remote Central Control Base Station. The SC360 provides powerful audio coverage with superior audio frequency response via hexagonal-array, 60-watt RMS loudspeakers available in 360° or 180° in rugged, weather-protected encasements. They can be mounted on roofs or towers. The SC360 Amplifier/Power Module - encased in a sealed, weather-protected metal NEMA IV-rated enclosure - provides uninterrupted power. The Remote Control Central Base Station(s) can control up to 48 speaker-array nodes wirelessly or wired.



**Hexagonal Circular Six Loudspeaker Array** stacks up to 4 levels to increase projection range out to a full one-mile radius. Multiple speaker arrays can be linked together via Central Control Base Station(s) to cover any size area. Signals and announcements to the arrays can be received via LAN, fiber optic, UHF band, cable, and wirelessly.



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**SC360 Amplifier/Power Module** is encased in weather-proof NEMA-IV IP66 rated steel casing, is easily maintained, and is IP addressable. Its 52AHr rechargeable internal battery can receive a charge from 110 or 220V AC, or 12-24V DC. Power Modules possess power failover contingency that will continue to operate the SC360 system for at least 4 hours of active use and over 24 hours in standby mode.

**Remote Central Control Base Station** units each can control up to 48 Amplifier/Speaker Arrays. Multiple base stations can be installed at different command locations for simultaneous use. Base Station includes multiple inputs for microphone and AUX audio. The 7.5AHr 12VDC rechargeable internal battery can operate the station for 24hrs without external power.



**AlertCommander**<sup>®</sup> Pre-recorded warning tone, siren and message delivery system enables the SC360 system to project pre-recorded messages or tones directly from the amplifier/control module or base station to the Loudspeaker Array(s) via an Android color touch screen mobile device. User can download files and locally record and edit messages for the system.

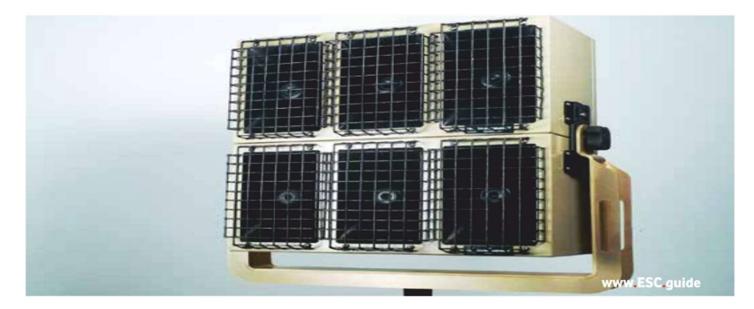
FEATURE	COMPONENT	DETAILS
Audio Response	SC360	Projects almost flat response of +/- 3dB from 400Hz to 6500Hz with a
ASY45058	Loudspeaker Array	maximum response of 300 to 8000Hz.
Array Node Link	SC360	Multiple speaker arrays nodes can be linked together via a central control
ASY45058	Loudspeaker Array	base station to cover any size area.
Housing /	SC360	Marine grade UV protected loudspeakers housed in weather-protected
Deployment ASY45058	Loudspeaker Array	steel encasements. Arrays configurable in 360° and 180° variants. Can be mounted on pole, tower, or roof.
Sound Projection	SC360	Max range out to a full mile (1600m), with up to 4 level stacked array,
ASY45058	Loudspeaker Array	producing a continuous sound pressure level (SPL) of up to 76dB depending on environmental conditions.
Housing /	SC360	Each module encased in weather-protected, sealed metal NEMA-IV rated
Deployment	Amp/Power Module	enclosure. Modularized design is easily maintained interchangeable. Can
ASY45817		mount on tower, pole or building.
Power Output	SC360	All weather Amplifier/Power Module produces produces up to 2000 watts
ASY45817	Amp/Power Module	(w/ 4 array system) via auto-trigger power amplifier.
Power Input	SC360	Can be powered from external 110 or 220VAC, or 12-24VDC sources. Units
ASY45817	Amp/Power Module	possess rechargeable internal 52AHr battery, capable of 24 hr backup in standby, or 4 hrs of active use.
Deployment	SC360	Each station can control up to 48 Amplifier/Speaker Array Nodes. Multiple
IML25751	Base Station	base stations can be installed at different command/control locations simultaneously.
Input / Output	SC360	Inputs include microphone and AUX all-purpose interface for audio sources
IML25751	Base Station	like PA systems, radio receivers, telephone systems, or AlertCommander <sup>®</sup>
Power Input	SC360	The 7.5AHr 12VDC rechargeable internal battery can operate Base Station
IML25751	Base Station	unit for at least 24 hours without an external power source.
Notebook UI	SC360	The Base Station Notebook PC offers individual or multiple speaker node
IML25751	Base Station	selection and displays the status and condition of each node.
Monitor Speaker	SC360	Monitor speaker is included with each base station.
IML25751	Base Station	





# **1.3. SC5600 Deployable Mass Notification**

# **High-Power, Long-Range, Directed Acoustic Hailing Device (AHD) Loudspeaker System GSA** Contract #07F-9199-S NSN: 5830-01-539-0700



Direct your warnings and messages - undistorted - with continuous audio output over distances of 2000 meters or more with **SoundCommander® SC5600** Series Acoustic Hailing Device (AHD) loudspeaker systems. The SC5600 Series is the AHD of choice for U.S. and allied Armed Forces and for law enforcement and emergency management agencies worldwide because of their loud, high-clarity sound capability over long distances. When seconds count, there's no time for doubt. Take control with SoundCommander.



The SC5600 System with Loudspeaker Array and Amplifier/Control Module. The SC5600 Loudspeaker Array is a ruggedized, heavy-duty set of 6 directional, reentrant-horn loudspeakers. They can be reconfigured in fixed horizontal or vertical positions and be controlled manually or remotely with our Pan-and-Tilt capability. Each array's re-chargeable internal battery is powered by 100/220VAC or 12/24VDC and provides 12 hours of backup charge. The Amplifier/Control Module, physically separated from the speaker array for remote use, has its own ruggedized hard case. The unit comes with built-in sirens, various I/O options and UHF receiver.



**Long Range Focused Loudspeaker Array** is a ruggedized aluminum framework enclosing 6 directional horn loudspeakers. Array projects focused beams with spread of +/- 15° from center. Arrays can be stacked in two horizontal or vertical speaker sets and can be separated by up to 120 meters (400 feet). The unit works with UHF Tx/Rx set, and its rechargeable battery can be powered by 110/220VAC or 12VDC/24VDC.

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**SC5600 Manual or Remote Pan and Tilt Versions.** Manual Pan and Tilt apparatus is easily installed and can be mounted directly on a vehicle machine gun pintle or optional MG pintle mount. A remote-powered Pan and Tilt mechanism is also available. It can be operated by a joystick connected wirelessly, by wired LAN, or by cable using PC software.

**Amplifier/Control Module** is housed in a weather-protected, ruggedized electromagnetic-shielded hard case, complete with a carry handle. Total weight is only 35lbs. The module has 3 built-in sirens; visible multi-section audio-modulation and battery-level LEDs; and 2 XLR inputs. It is equipped for wired and/or wireless operation with a 256-channel UHF tx/rx that ranges up to 800 meters.

**AlertCommander**<sup>®</sup> Pre-recorded warning tone, siren and message delivery system enables the SC5600 system to project pre-recorded messages or tones directly from the amplifier/control module or base station to the Loudspeaker Array(s) via an Android color touch screen mobile device. User can download files and locally record and edit messages for the system.

FEATURE	COMPONENT	DETAILS
Audio Response ASY45814	SC5600 Loudspeaker Array	Speaker Array can project continuous audio output to a range of 2000+ meters. Array projects a highly focused main "beam" (lobe) with a spread of +/- 15° from beam center.
Housing / Deployment ASY45814	<b>SC5600</b> Loudspeaker Array	Array is a heavy duty aluminum framework of 6 directional reentrant horn loudspeakers. Array weighs 44lb (20kg) and measures 22" (559mm) x 24" (610mm) x 10" (254 mm).
Housing / Deployment ASY45814	<b>SC5600</b> Loudspeaker Array	Array can be configured into either a stacked 6 speaker arrangement or 2 sets of horizontal 3 speakers that can be separated up to 400ft (120m).
Accessories ASY45814	<b>SC5600</b> Loudspeaker Array	Unit accessories include tied down straps for temporary vehicle mount, one or two adjustable air assisted pop-up tripods, and padded soft carry cases for dismounted operation.
Manual Pan and Tilt ASY45814	<b>SC5600</b> Loudspeaker Array	Manual Pan and Tilt version is easily installed and can be mounted directly on a machine gun pintle or optional MG pintle mount.
Remote Pan and Tilt ASY45814	<b>SC5600</b> Loudspeaker Array	A remote powered Manual Pan and Tilt mechanism is available that can be operated by either a wired joystick or via wireless or wired LAN using a PC software provided by FLIR.
Input / Output ASY45814	<b>SC5600</b> Loudspeaker Array	UHF wireless 50MW or 100MW tx/rx set can project voice, tones and other data up to 800 meters.
Housing / Deployment ASY45814	SC5600 Amp/Control Module	Unit is encased in weather protected, ruggedized hard case with carry handle. Amplifier/Control Module operates completely separated from Speaker Array.
Input / Output ASY45814	<b>SC5600</b> Loudspeaker Array	Unit has system controls, built-in 3 tone siren, 2 wired and 1 wireless input, 3 volume controls for mic, AUX audio sources, and 256 channel wireless UHF receiver.
Input / Output ASY45814	<b>SC5600</b> Amp/Control Module	Supports multiple audio source inputs like push-to-talk microphones, telephone, or AlertCommander <sup>®</sup>
Power Input ASY45814	<b>SC5600</b> Amp/Control Module	Can use 110 or 220VAC power source. Alternatively can use 12 or 24VDC source.
Accessories ASY45814	<b>SC5600</b> Amp/Control Module	Accessories include two 50'(16m) speaker cables, array interconnect cable, push-to-talk microphone, and 20'(6m) audio extension cable.



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# 1.4. SC3500 Long-Range Directional Hailing Device

"Giant Voice" 360<sup>o</sup> Deployable Mass Notification Voice and Warning Tone Loudspeaker System GSA Contract #GS-07F-9199S NSN: 5830-01-542-3267



Get your emergency mass notification and warning system where you need it with the **SoundCommander® SC3500** loudspeaker system. This rugged, deployable system can be set up in the field or mounted on a vehicle to deliver warning tones and vital instructions loud and clear. The SC3500 system projects powerful 131dB continuous (RMS) crystal-clear, articulate voice and warning-siren audio over areas encompassing 360° of coverage up to a diameter of 1600 meters. Operate the system in the field from a command vehicle or temporary command center. When seconds count, there's no time for doubt. Take control with SoundCommander.



The SC3500 System with Loudspeaker Array, and Amplifier/Control Module. The SC3500 provides powerful audio coverage with superior frequency response through hexagonalarray, 60-watt RMS loudspeakers mounted on a circular base or included adjustable tripod. The field-tested Amplifier/Control Module, which meets MIL-STD 180, powers the unit and controls the system through available control and I/O options. Several SC3500 systems located at different locations on a facility can be controlled using a Central Base Station wirelessly or wired.



**Circular Six Speaker Array** projects clear, wide-frequency, warning and voice audio to a radius up to 1600 meters. Speaker arrays can be mounted to accommodate uneven terrain and/or alter projected sound patterns. Each speaker connects to the amplifier module with 14Ga heavy-duty speaker cables through sealed junction boxes.



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**Amplifier/Control Module** is housed in a weather-protected, ruggedized electromagneticshielded hard case, complete with a carry handle. Total weight is only 35lbs. The module has 3 built-in sirens; visible multi-section audio-modulation and battery-level LEDs; and 2 XLR inputs. It is equipped for wired and/or wireless operation with a 256-channel UHF tx/rx that ranges up to 800 meters.

**Central Control Base Station** units can be installed at different command locations for simultaneous use. Base Station includes multiple inputs including microphone and AUX audio inputs. The 7.5AHr 12VDC rechargeable internal battery can operate the station for 24hrs without external power (110/220VAC).

**AlertCommander**<sup>®</sup> Pre-recorded warning tone, siren and message delivery system enables the SC3500 system to project pre-recorded messages or tones directly from the amplifier/control module or base station to the Loudspeaker Array(s) via an Android color touch screen mobile device. User can download files and locally record and edit messages for the system.

FEATURE	COMPONENT	DETAILS
Audio Response ASY45725	<b>SC3500</b> Loudspeaker Array	Unit projects clear warning and voice audio up to a radius of 800 meters. Frequency response is flat from 400Hz to 6500Hz +/- 3dB with max frequency spread of 400-8000Hz.
Housing / Deployment ASY45725	<b>SC3500</b> Loudspeaker Array	6 (12 speaker array is available) 60 watt RMS horn loudspeakers arranged in a 360° pattern can be mounted on flat platforms, adjustable tripod stand, crank upstan, fixed pipe or pole.
Housing / Deployment ASY45725	<b>SC3500</b> Loudspeaker Array	Each loudspeaker can be adjusted slightly to the sides, up or down to vary the projected sound pattern. System includes a hard transport case for speaker array and other accessories.
Housing / Deployment ASY45725	<b>SC3500</b> Loudspeaker Array	Each speaker connects to a sealed junction box. A 100' (30m) 14Ga heavy-duty speaker cable (extensions available) connects from the array to the amplifier with military style connectors.
Adjustable Tripod STD64307	<b>SC3500</b> Loudspeaker Array	Included adjustable tripod stand equipped, with leveling leg for uneven terrain, adjusts upward from a height of 5' (1.5m) to 8' 6" (2.6m) (4m option available). Includes storage/carry case.
Housing / Deployment ASY45814	<b>SC3500</b> Amp/Control Module	Encased in weather and electro-magnetic protected hard case with handle including internal 15AHr battery weighs 35lbs (16kg). Unit and case complies with MIL-STD 180 ruggedness.
Power Output ASY45814	<b>SC3500</b> Amp/Control Module	Unit internal amplifier produces 500 watt RMS (1000 watt version available)
Power Input ASY45814	<b>SC3500</b> Amp/Control Module	Can use 110 or 220VAC power source. Alternatively can use 12 or 24VDC source. Internal rechargeable battery can continuously operate system for 4 hours or 24 hours in standby mode.
Input / Output ASY45814	<b>SC3500</b> Amp/Control Module	Unit comes with 3 powerful built-in sirens, visible multi-section audio modulation and battery level LED's. 2 XLR inputs and 3 separate volume controls for wired and wireless audio sources
Deployment IML25751	SC3500 Base Station	Unit can control several SC3500 systems at once.
Input / Output IML25751	SC3500 Base Station	Supports multiple audio source inputs like push-to-talk microphones, telephone, or AlertCommander <sup>®</sup>
Power Input IML25751	SC3500 Base Station	Station can be powered by 110 or 220VAC. Also accepts 12DC power source. The internal 7.5Ahr 12VDC battery pack can operate system for at least 24hrs without external power.



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# 1.5. Pheonix 100



The Phoenix 100 Field Communications hub provides voice and data communications, anywhere in the world, automatically choosing the least---cost route, getting you online when it counts most. The Phoenix 100 is man-portable, under 15 lbs. and can be operational in less than 2 minutes with minimal training. When using the BGAN satellite terminal, the Phantom II Field Communications hub provides up to 5 voice lines connected to the worldwide POTS network, actively compressing and optimizing for maximum clarity and efficiency.

A single 3G/4G dongle, depending on the local service provider, allows for up to 25 simultaneous calls. When using the Phantom to Phantom communication, the unit allows for up to 50 active voice conversations. The Phoenix 100 Field Communications hub provides a best-in-class WiFi access point using diversity reception and legal-limit power to provide the greatest range possible. The unit actively adjusts network settings in real time in order to optimize WiFi range.

## Interfaces:

- 100baseT WAN port
- 100baseT LAN port
- 2x USB for 3G/4G cellular
- Diversity 802.11 b/g/n Wi-Fi 30dBm (limited by country regulations)
- BGAN satellite terminal
- Graphic LCD display for status
- Weather-resistant power connection

## Voice Capabilities:

- Up to 5 simultaneous, active voice conversations to POTS using BGAN
- Up to 25 simultaneous, active voice conversations to POTS using 3G/4G, or local WAN
- Up to 50 simultaneous, active voice conversations between Phantom units

#### **Case Features:**

- Watertight, crushproof and dust proof construction
- Double Throw latch system
- O-ring seal
- Rubber Over-Molded Handle
- Automatic Pressure Equalization Valve
- Stainless Steel hardware and padlock protectors
- Unconditional Lifetime Guarantee
- EMP Shielded

#### Power:

- AC adaptor: 120/240V in, 15V 3A out
- DC in: 12-20V DC, 3A max
- Built-in Battery 6 hour charge, 12-14 hour runtime.
- On-screen, real-time battery status update
- IPV6 enabled and ready
- Solar Power ready

#### **Temperature:**

- Operational
- -20C +40C (non-condensing)
- Dust and Water rating: IP 56 (TBC)

#### **Specifications:**

- Size/weight of Phantom II with integrated BGAN Module (meets airline carry-on regulations)
- 16.00" x 13.00" x 6.87"
- Linux-based hardened, embedded operating system
- Automatic, policy-based WAN switching allows failover/fallback to 4G / Satellite / local as needed
- Automatic failover across geographically remote servers
- Transparent gateway for VPN and Crypto systems
- Supports from 5 to 20 simultaneous voice lines depending on available WAN Bandwid with





# 1.6. AlertCommander®

Pre-Recorded Warning and Message Delivery System for MassNotification and Public Address Loudspeaker Systems



ALERTCOMMANDER<sup>®</sup> is a feature filled pre-recorded alert tone, warning and voice message delivery system that enables the user to download audio files, record their own messages or warnings, select, manipulate and edit the messages, then project the highest quality pre-recorded sound files through SOUNDCOMMANDER<sup>®</sup> high power, loudspeaker systems. The ALERTCOMMANDER<sup>®</sup> system is unique in its advanced capabilities, flexibility, portability and lightweight.

# ALERTCOMMANDER<sup>®</sup> Consists of Two Major Components

1. IMLCORP's Proprietary ALERTCOMMANDER PC<sup>®</sup> (ACPC) software program the user installs on their Windows<sup>®</sup> PC.

2. The ALERTCOMMANDER<sup>®</sup> Output Station is a light weight, handheld, or desk top, Android based tablet computer.

# ALERTCOMMANDER PC (ACPC) Program for Windows® PC

- A straight forward, easy to understand and operate main program screen.
- Built-in voice message recorder, to quickly record new messages or commands.
- Integral voice and file editing software.
- An external computer microphone for quick local recording of voice messages.
- Download, input from external sources, or record your own warning sirens, or tactical alerttones and voice message files in any language and store them in the ACPC Source FileLibrary on the main PC program screen for later use.



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- Organize the files in to different categories.
- Manipulate, rename them, add written descriptive comments, edit and improve their audioquality, and generate custom playback parameters.
- Quickly record new message files.
- Make and pre-store output file lists for future export.
- Select the desired messages or warnings from the ACPC program Output List and export themto the Output Station for delivery through a SOUNDCOMMANDER<sup>®</sup> Sound System

# ALERTCOMMANDER® Portable Output Station (ACOS)

The AC Output Station is a light weight, hand held, or desk top, Android based tablet computer, with which the operator selects and plays stored warnings, alert tones, or messages through any SOUNDCOMMANDER<sup>®</sup> sound system. It contains:

# Pre-installed Proprietary AlertCommander OS© (ACOS) Software

- Includes high resolution color touch screen technology. Just tap or roll the touch screen with a finger to locate and play files.
- The user selects the appropriate file, from either a "Warnings" folder or a "Sound Bites" folder with the touch of a finger, rolls the screen to the appropriate file, then instantly sending it to the Sound Commander<sup>®</sup> sound system with a light finger tap.
- The user can further control the output by selecting different states; Play Once, Timed Play or Play Continuously.
- A password protected "Technician" setting enables a technician to enter the system to makechanges or to troubleshoot the software.





# 2

# APPLICATIONS



**Military & Defense** 



Fire Fighting, Disaster Response, Search & Rescue



**Police & Law Enforcement** 



Maritime



**Emergency Management** 



**Airports & Terminals** 

- Proven credibility and history
- Field maintainable
- Modular design for battery, amplifier, control and speaker replacements
- Defense clearance and fully owned intellectual property
- Enterprise operations, family owned pride and values
- Rapid customization ability and flexibility
- Engineers, associates, and assembly are all in same facility in Marietta, GA USA
- Appropriate solutions for needs and budgets
- Lifetime customer support
- The most durable assembly standards in the world
- Strategic Collaboration Partners to meet your specific application requirements





# 2.1. Military & Defense



SoundCommander<sup>®</sup> loudspeaker systems have helped armed forces worldwide meet their communications needs for more than 20 years. Our systems combine powerful sound volume and the highest levels of voice clarity with ruggedized equipment housings to perform reliably under any of the harsh conditions that a battlefield can throw at your troops.

SoundCommander systems can cover your specific needs:

- Portable SC1100 systems for tactical operations
- Deployable SC3500 systems for use in training exercises or providing a communications system at temporary bases
- Fixed systems for regular base communications and emergency mass notification

All SoundCommander systems can be integrated with other communications technologies to make sure you have the best possible messaging coverage for your mission or other notification needs. We can custom design a system to fit your specific application and give you loudspeakers that exceed minimum standards for voice intelligibility.





# 2.2. Maritime



## Naval, Coast Guard and Maritime Operations:

Mother Nature can be at her harshest on the open seas. Physical abuse, extreme temperatures, and exposure to water salt and fumes make for an electronic system's worst nightmare – as well as sailors' and mariners' worst nightmares.

## Naval and Coast Guard Forces:

Naval vessels have long used SoundCommander<sup>®</sup> acoustic hailing devices (AHDs) from IMLCORP to warn off approaching craft or provide assistance in responding to emergencies on the open seas. They also use loudspeaker systems to provide instructions for normal operations and warning tones and instructions during emergencies. Closer in, Coast Guard vessels have used SoundCommander SC1100LS systems to communicate with other vessels for law enforcement and rescue incidents. The power to be heard and the clarity to be understood are critical.

## **Maritime Industry:**

When merchant marine personnel need to be on deck to handle emergencies such as securing containers in heavy seas, loud, clear warning tones and instructions can prevent injuries and save lives. IMLCORP Sound Solutions can help you add the outdoor-speaker component to your emergency notification system. We use building blocks from our stock products – speakers, amplifiers and other equipment – to design and deliver custom solutions to meet your needs and budget.





# 2.3. Fire Fighting, Disaster Response, Search & Rescue



#### Fire Fighting, Disaster Response, Search & Rescue:

Saving lives is as mission-critical as it gets during firefighting, first responses during natural and manmade disasters and search & rescue operations. Equipment must be top-of-the-line in ruggedness and performance, and loudspeaker systems must be capable of delivering loud, clear warning tones and instructions. SoundCommander<sup>®</sup> portable and deployable loudspeaker systems for tactical mass notification systems meet those crucial requirements.

## Fire Rescue and Emergency Site Management:

SoundCommander<sup>®</sup> loudspeaker systems give commanders direct management of every phase of fire rescue and emergency site response management. Our portable tactical systems can be carried by hand strap, shoulder strap, or as a backpack or mounted on vehicles to reach people in need of direction. The SoundCommander<sup>®</sup> 5600 acoustic hailing device can be split into separate arrays to provide wider coverage while still being directional. Our deployable SC 3500 loudspeaker systems are ideally suited for helping you manage temporary shelters and base camps more effectively.

#### **Disaster Response:**

Hurricane Katrina in 2005, the Haiti earthquake of 2010, the Japanese tsunami of 2011, sinkholes, refugee camps and tornado scenes all have one thing in common: emergency responders needing to provide instructions to thousands of dispersed, distressed people. Only powerful loudspeaker systems with high levels of voice clarity can provide the means required for coordination. The systems must also be mobile enough to erect and operate on the fly and highly reliable. These are the reasons why IMLCORP has designed and built SoundCommander<sup>®</sup> SC1100 portable and SC3500 deployable loudspeaker systems, which continue to excel.





# 2.4. Emergency Management



## **Emergency Management:**

Sheer volume is only half of the design concerns for emergency mass notification systems for cities, campuses and other public venues. Voice clarity is the other half. You can protect public safety only when people in an affected area can hear and understand vital warnings and instructions at times when seconds can mean life or death. SoundCommander<sup>®</sup> loudspeaker systems for emergency mass notification and IMLCORP Sound Solutions technology can give you a comprehensive, integrated emergency mass notification system that can reach the most people in the least time with the same information.

# Permanent Fixed Emergency Mass Notification Systems:

Deliver emergency mass notification announcements, instructions and warnings loud and clear with SoundCommander<sup>®</sup> SC360 fixed-location, "Giant Voice" loudspeaker systems. Scientifically placed to deliver warnings and messages to all designated areas, SC360 loudspeakers project powerful sirens and warning tones and the clearest pre-recorded and live-voice messages.

# Portable and Deployable Emergency Mass Notification Systems:

Rugged, portable SoundCommander SC1100 systems and deployable SoundCommander SC3500 systems give you the capability to deliver messages anywhere. Depending on the model and configuration, you can set up a system in the field or at a temporary base, mount one on a vehicle or install one in a command center vehicle or hand carry it to a remote location. All SoundCommander systems deliver warning tones and vital instructions loud and clear.

## **Custom Emergency Mass Notification Systems:**

We use building blocks from our stock products – speakers, amplifiers and other equipment – to design and deliver custom emergency mass notification solutions to meet your needs and budget. We also work with strategic partners with complementary emergency mass notification technologies to give you a comprehensive solution.





# 2.5. Police & Law Enforcement



## **Police & Law Enforcement**

Rely on SoundCommander<sup>®</sup> loudspeaker systems to help you take control the situation. Equipment used for public safety and security applications have three common denominators: power, clarity and flexibility. Our SC1100 tactical loudspeaker systems with multiple configurations are ideal for law enforcement, border patrol agencies, and security agencies. Systems can include one or multiple loudspeakers with options to carry by hand strap, shoulder strap, or as a backpack or mounted on vehicles of all types. Whether your assignment is crowd control or a SWAT operation, our rugged, powerful loudspeaker solutions will put any bullhorn to shame while providing your commanders with the right communication situation.





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# 2.6. Airports & Terminals



## Airports, Passenger and Freight Terminals:

The logistics and technical disciplines required to operate an airport or any other type of passenger or freight terminal are challenging at best. Responding to emergencies raises the stakes in protecting public safety. At IMLCORP, we can provide powerful loudspeaker systems capable of broadcasting highly intelligible instructions to people for daily operations and emergency response, and we can integrate our loudspeakers with other mass notification technologies to give you the reach you need to maximize communications.

# Airports:

Clear, audible verbal communications can be critical when emergencies arise anywhere in an airport. SoundCommander<sup>®</sup> loudspeaker systems and technologies from our strategic partners give you a full range of voicecommunications tools to reach people indoors and outdoors with easily understood information. Voice clarity can be especially critical for emergency response because people in an affected area may not be fluent in the language or languages primarily spoken at your facility. Our systems can cover:

- The entire airport perimeter
- Outdoor areas such as terminal entrances and parking facilities
- Ramps and other terminal service areas
- Cargo loading areas
- Hangars

## **Marine Terminals:**

Near docks or buildings that handle passengers or freight, any type of security or operational emergency can arise almost without warning. You need the loud, clear voice instructions that only a SoundCommander<sup>®</sup> emergency mass notification system can provide to save lives and help responders do their jobs better. The ability to overcome ambient sound levels and deliver warnings and instructions with the highest levels of clarity is critical, especially when not everyone speaks the local language fluently. Combine our loudspeakers with other mass notification technologies, and you have the complete communications package.





# 3

# **CUSTOMERS**

## U.S. Army

- Multi National Security Transition Command MNSTC Camp Basrah, Iraq
- Multi National Security Transition Command MNSTC
   Camp Habbaniyah, Iraq
- U.S. Army USPFO for Kentucky
- U.S. Army Avalon International Limited
- U.S. Army HSC, 449th ASB, 36th CAB
- U.S. Army Picatinny Arsenal
- U.S. Army 3rd ACR
- U.S. Army 85th Division
- U.S. Army Redstone Arsenal
- U.S. Army 1st Armor Division
- U.S. Army 188th Inf. Brigade
- U.S. Army SkyWatch
- U.S. Army 3rd Mechanized Inf. Div
- U.S. Army Headquarters
- U.S. Army 324th Med. Battalion
- U.S. Army Audio Visual Support
- U.S. Army Military Police
- U.S. Army ACA Fort Riley
- U.S. Army 4th BDE 10th MTN, HHC

# U.S. Air Force

- U.S. Air Force SkyWatch Tower
- U.S. Air Force 773rd AS/DOL
- U.S. Air Force 757th AS/DOL
- U.S. Air Force 445th OSF/OSL
- U.S. Air Force 327th AS/DOL
- U.S. Air Force 303rd FS/DOL
- U.S. Air Force
- U.S. Air Force 970th AACS
- U.S. Air Force 465th ARS/DOL
- U.S. Air Force 77th ARS/DOL

- U.S. Army Military Police
- U.S. Army Fire Prevention/ Roads Section
- U.S. Army SkyWatch
- U.S. Army 10th SFG
- U.S. Army Fire Services
- U.S. Army 5th SF Group
- U.S. Army Special Ops
- U.S. Army 2nd Battalion, 1st SWTG, Delta Company
- U.S. Army Psychological Operations [PSYOP] Units
- U.S. Army Rapid Equipping Force
- U.S. Army For Afghanistan National Army
- U.S. Army Camp Perry Training Site
- U.S. Army Afghanistan RCC FOB Fenty
- U.S. Army Kabul Afghanistan HHC 0003 HW
- U.S. Army Reserve Command IL 379th Chemical Company-Chicago
- U.S. Army Special Forces Camp Syverson, IRAQ
- U.S. Military Forces
- US Army Ground Applications Program Office
- US Army 11th Missle Defense Detachment
- US Army Hawthorne Army Depot
- U.S. Air Force 63rd ARS/DOL
- U.S. Air Force 778th CES/CEX
- U.S. Air Force 19th OPS SS
- U.S. Air Force 5th CBCSS/CTE
- U.S. Air Force 93rd ACS
- U.S. Air Force 100th CES/CEX
- U.S. Air Force 64th ARS/DOL
- U.S. Air Force 302nd ALCF/DOXL
- U.S. Air Force 731st AS/DOL
- U.S. Air Force Air Force Reserve



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- U.S. Air Force 301st RQS/DOL
- U.S. Air Force 39th RQS/DOOR
- U.S. Air Force 328th AS/DOL
- U.S. Air Force SkyWatch
- U.S. Air Force 457th FS/DOL
- U.S. Air Force 706th FS/DOL
- U.S. Air Force 96th AS/DOL
- U.S. Air Force 357th AS/DOL
- U.S. Air Force 341ST Medical Group/ SGSL
- U.S. Air Force 336th ARS/DOL
- U.S. Air Force 452nd OSF/OSL
- U.S. Air Force 302nd FS/DOL
- U.S. Air Force SkyWatch
- U.S. Air Force 433rd OSF/OSL
- U.S. Air Force 815th AS/DOL
- U.S. Air Force 93rd FS/DOL
- U.S. Air Force 466th FS/DOL

## **U.S. Coast Guard**

- US Coast Guard Kings Bay, GA Hornbeck Offshore Escort Vessels,
- US Coast Guard WA Hornbeck Offshore Escort Vessels,
- USCG Northland Force Protection

## **U.S. Marine Corps**

- Alabama Air National Guard 187th AW
- U.S. Marines Parade Field, Fixed System
- U.S. Marines JCC
- U.S. Marines Anti-terrorism Kits
- U.S. Marines CJTF HOA Supply
- U.S. Marines I Marine Expeditionary Force
- U.S. Marines USMC MDC
- U.S. Marines 3/25 Marines, II MEF

## **U.S. National Guard**

- Arizona Air National Guard 161st ARW/LS
- Arkansas National Guard Natl. Marksmanship Training
   Facility
- California Air National Guard 129th CBCS
- California Air National Guard Headquarters
- Colorado Army National Guard Headquarters
- DC Air National Guard 231st CBCS

- U.S. Air Force 74th ARS/DOL
- U.S. Air Force 95th AS/DOL
- U.S. Air Force 136th Airlift Wing 136CF
- U.S. Air Force 711th SOS/DOLT
- U.S. Air Force 5th SOS/DOLS
- U.S. Air Force 700th AS/DOL
- U.S. Air Force 305th RQS/DOL
- U.S. Air Force 758th AS/DOL
- U.S. Air Force 118 Octagon
- U.S. Air Force 314th ARS/DOL
- U.S. Air Force 93rd BS/DOL
- U.S. Air Force 47th FS/DOL
- U.S. Air Force 459th OSF/OSL
- U.S. Air Force 554 Red Horse Squadron
- U.S. Air Force SkyWatch Tower
- U.S. Air Force -- Robins AFB, GA 116th ACW/CF/SCX
- USAF 42 CONS SQ
- USCG PACARFA System 16 Issued to Ships
- USCG R & D Office Issued to Ships
- USCG Sector Issued to Ships
- USCG Sector Delaware Bay Issued to Ships
- U.S. Marines 26th MEU
- U.S. Marines CT-JNLWD
- U.S. Marines Marine Corps War Fighting Lab
- U.S. Marines 22nd MEU, 24th MEU
- U.S. Marines 2nd MEB
- U.S. Marines Camp Smith, HI MARFORPAC
- U.S. Marines Port Clinton, Oh Camp Perry Training Site
- Delaware Army National Guard Hq, Helicopter mounted
- Georgia Air National Guard 116th Air Control Wing
- Georgia Air National Guard 283rd Computer Main Sqdn

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- Georgia Army National Guard Hq and Various Units
- Hawaii Air National Guard 154th WG/FMF
- Hawaii Army National Guard Headquarters, Youth Challenge



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- Idaho Air National Guard 124th WG/CF
- Illinois Air National Guard 182nd AW
- Indiana Army National Guard Headquarters
- Kansas Air National Guard 109th AW
- Louisiana National Guard DMA
- Mississippi National Guard Headquarters
- Nebraska Army National Guard Headquarters
- New Jersey Air National Guard 108th Air Refueling Wing
- New York Air National Guard 106th MSG/CF
- North Carolina Air National Guard 363rd CBCS
- Ohio Air National Guard 121st ARW/SCX

## U.S. Navy

- 50 Additional Capital Ships Force Protection
- Anniston Fire Department
- Naval Surface Warfare Center, IN NSWC CRANE
- United States Navy PMS480, Force Protection
- USS Anzio Force Protection
- USS Barry Force Protection
- USS Benfold Force Protection
- USS Boone Force Protection
- USS Bulkeley Force Protection
- USS Bunker Hill Force Protection
- USS Carney Force Protection
- USS Cole Force Protection
- USS Comstock Force Protection
- USS Cowpens Force Protection
- USS Crommelin Force Protection
- USS Curts Force Protection
- USS Dubuque Force Protection
- USS Elrod Force Protection
- USS Essex Force Protection
- USS Germantown Force Protection
- USS Halsey Force Protection
- USS Halyburton Force Protection
- USS Harpers Ferry Force Protection
- USS Hopper Force Protection
- USS Howard Force Protection
- USS Hue City Force Protection
- USS Iwo Jima Force Protection

# **U.S. Non-Military Companies & Agencies**

- Afghanistan Afghan National Army
- Bayonne Medical Center Mass Casualty Operations

- Oklahoma Army National Guard Headquarters
- Oregon Army National Guard Headquarters
- Pennsylvania Air National Guard SkyWatch
- Puerto Rico Air National Guard 302nd CES
- South Dakota Air National Guard 114th Fighter Wing
- Stennis Space Center Navy Seal Team 4
- Tennessee Air National Guard 164th AW/FM
- Tennessee Air National Guard 134th ARW/FM
- Tennessee Army National Guard 230th CS
- Tennessee Army National Guard State Hq. and Brigades
- Utah Air National Guard 109th ACS/LG
- USS James E. Williams Force Protection
- USS John L. Hall Force Protection
- USS John S. McCain Force Protection
- USS Juneau Force Protection
- USS Kuffman Force Protection
- USS Lassen Force Protection
- USS Leyte Gulf Force Protection
- USS Mason Force Protection
- USS McFaul Force Protection
- USS McInerney Force Protection
- USS Momsen Force Protection
- USS Monterey Force Protection
- USS Nashville Force Protection
- USS Nicholas Force Protection
- USS Ogden Force Protection
- USS Philippine Sea Force Protection
- USS Ramage Force Protection
- USS Ross Force Protection
- USS Rueben James Force Protection
- USS Stephen W. Groves Force Protection
- USS Taylor Force Protection
- USS Thach Force Protection
- USS Tortuga Force Protection
- USS Trenton Force Protection
- USS Underwood Force Protection
- USS Whidbey Island Force Protection
- Bellingham Technical College, WA Fixed Emergency
  Warning System
- Birmingham Police Department Tactical Division



# MARKETING SOLUTIONS

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- Brooklawn EMS Emergency Management
- City of Baltimore Fire Department
- City of Denver- Denver, CO Democratic National Convention and Crowd Control
- City of Jersey City Jersey City, NJ Fire Department.
- City of Providence Homeland Security
- Civilian Marksmanship Program Camp Perry Firing Ranges
- Cobb County Fire Department HAZMAT and Special Ops.
- Colin County Community College, GA Fire Training Academy
- Columbus Hospital Mass Casualty Operations
- Commonwealth of Massachusetts State Police, Framingham, MA
- Commonwealth of Pennsylvania
- Conroe Police Department, Conroe, TX Police Command Vehicle
- County EMA Emergency Management Agency
- Delaware State Police Helicopter Mounted
- Division of Health Township of Hamilton
- Flower Hospital Mass Casualty Operations Fluor Government Group Kandahar Air Field, Afghanistan
- Fort McCoy Fire Department
- Georgia State University Atlanta, GA Fixed Emergency Warning System
- Griffin Truck Equipment various armored vehicles sold worldwide
- Honolulu Police Department
- Hospital Center at Orange Mass Casualty Operations
- ICX Tactical Corporation Skywatch Towers
- Indiana State Police Department of Corrections
- Jefferson Co Board supervisor Emergency Management
   Office
- Kingdan Development Ltd.
- Las Vegas Fire and Rescue Las Vegas, NV
- Lee County Emergency Management -- Sanford, NC
- Manchester Fire Department Manchester, NH
- Mercer County Environmental Health & Human Services Trenton, NJ
- Michigan State Police Michigan
- Mobile County Sheriff
- Modu-built Industries, Tampa, FL
- Monroe Truck Equipment Armored Vehicle Installations
- Morris County IMT Emergency Management
- NASA Sky Watch Tower
- National Rifle Association Competition Pistol Ranges
- New Jersey State Police

- New York City Police Department Command Vehicle Ops
- Orange County Sheriff Traffic Division
- Orange County Sheriff Drug Enforcement Team
- Orlando Police Department Drug Enforcement and Special Ops
- Pima County Emerg. Mgmt & Homeland Sec, AZ Tucson, AZ
- Port Authority
- Port Police
- Puerto Rico Civil Defense Agency San Juan
- Puerto Rico Water Authority Fixed System, Dam Emergency Warning
- Riverview Medical Center Mass Casualty Operations
- SBC Patient Care Services Emergency Management
- Science Applications International Corporation Mobile Systems Division
- SEK Solutions Rapid Equiping Force
- Sioux City Police Department Command Vehicle Ops
- St. Barnard Hospital System Mass Casualty Operations
- St. James Hospital Triage, Disaster Support
- St. Louis Zoo, MO Fixed Emergency Warning System
- St. Michael Mass Casualty Operations
- Town of Marion
- Turner County Emergency Management Agency
- University of North Georgia, GA Reserve Officers Training Corps
- US Dept of Homeland Security Center for Domestic Preparedness
- Valdosta State University, GA Campus Police
- Wake County Sheriff
- Wilson County EMA
- Albuquerque Police Department
- City of Orlando City of Sarasota
- Doughboy Police & Fire Supply
- Evax Systems
- Federal Acquisition Service
- Federal Resources Supply Company
- FLIR Integrated Systems, Inc
- General Security Equipment
- HD Supply Facilities Maintenance
- Northrop Grumman
- Old Dominion University
- Olgoonik Management Services, LLC
- Range Control -- Ft Wainwright
- Simba Industries
- Sound Solutions of Ohio
- Village of Hastings on Hudson Police Department



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#### **International Customers**

- Australia Australian Army, Navy, Air Force, Police, Civilian Agencies
- Austria
- Belgium Belgian Army PSYOP
- Canada Canadian Army
- Canada Armed Forces Peacekeeping Forces Army PSYOP Bn,
- Canada Royal Canadian Mounted Police Various locations
- China China Medical Equipment and Technical Services
- China Various National Police and Fire Depts.
- China Guangzhu, PRC Fire Services Department
- Colombia Anti-Narcotics Task Force, Helicopter Mounted
- Denmark Danish Army
- El Salvador National Police
- Finland Finnish Army
- France French Army, Police, French Special Forces Command
- Germany German Army
- Guam 36 CRG
- Hong Kong Legend Universe Co.
- Hong Kong Marine Police, Riot Control Section, Fire Depts.
- Japan Tokyo Fire Dept.
- Japan Sakura Rubber Co. Ltd.
- Japan Fukui Fire Academy

- Lithuania Arveka, LLC
- Macao Police Riot Force
- Malaysia National Police Tactical Units
- Maldives Ministry of National Defense & Security
- Maldives Police
- Netherlands Royal Dutch Army, Marcheuse (Military Police)
- Netherlands Royal Dutch Army, PSYOP Unit
- Poland Police
- Romania Romanian Army
- Singapore Civil Defense, Police Department
- South Africa Supreme Emergency Equipment/ Fire Raiders
- South Africa Government of South Africa, South Africa Army
- Taiwan Taiwan Air Force, Taiwan Army
- Taiwan Fire Brigades
- United Kingdom Various Police Agencies, Army PSYOP Bn, MOD
- United Kingdom MOD U.K. Forces in Afganistan
- Venezuela
- Vietnam Police
- Bucharest Airports National Company
- Props Company Ltd
- Wefal International Establishment
- WH Brennan