



*The Sales Group* MANUFACTURERS REPRESENTATIVES

# WIRELESS NEWS

**Upcoming Events**

**APCO** National Conference and Show, August 16-19, Washington, DC

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Pacific Northwest Edition

## ALERT SYSTEMS GROUP delivers Tsunami Early warning notification

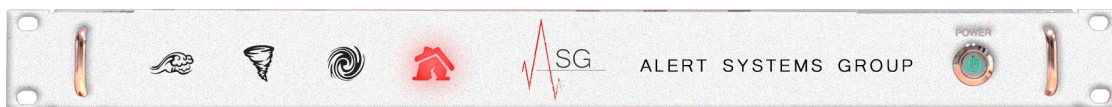


### NATURAL DISASTER AUTOMATION AND MASS NOTIFICATION

Los Angeles, California – August 1, 2015 When there is a force of nature with potentially catastrophic consequences, an early warning system is instrumental to protecting assets and saving lives. Alert Systems Group, LLC (www.AlertSystemsGroup.com) (ASG) is the leading Tsunami, Hurricane, Tornado, and Flood early-warning, automations, mass-notification, and technology provider in the world.

ASG, operating on a FEMA Integrated Public Alert and Warning System (IPAWS) certified platform, has worked with state and local government agencies, university researchers, broadcast stations, 2-way radio and dispatch manufacturers, and industry-leader Global Security Systems to build a Automation and Mass Notification controller fit for all first responders. The ASG controller is capable of notifying all public-safety first responders (Police, Fire, Red Cross, etc) and Hospitals, Schools and Mass Transit Agencies of an impending natural disaster while automating in-building systems and radio communications. The entire ASG suite of products receive Tsunami, Tornado, Hurricane and Flood directly from ASG's affiliate industry leaders and government research partners. Earthquake warning is not available yet but will be available in the future.

ASG servers aggregate raw data and run proprietary algorithms. Automated and redundant alerts are then sent via Satellite uplink and IP directly to local radio broadcast stations. The stations retransmit the data on an Emergency FM Frequency directly to all ASG controllers alerting to the type of natural disaster and time to impact, based on their local region.



With three forms of redundant signaling, ASG brings the most comprehensive natural disaster automations hardware capable of automating proprietary 2-way radio systems and 911 Dispatch systems to send pages, alerts, tones, and customized messages. ASG also ties in to public address systems, back-up generators, garage doors, and directly into elevators to recall to the first floor. Building automation and alerts to first responders, security, staff, and those designated as part of the disaster management plan all happen before the natural disaster strikes and even after a natural disaster takes down some critical communications infrastructure. ASG also integrates directly into SCADA systems to help cities and municipalities avoid damage to water infrastructure, vulnerable bus and rail operations, and into already existing alert peripherals (sirens, alarms, lights, etc).

# ICOM's New General Purpose Data Radio

ICOM introduces their new Data Radio that is available in VHF and UHF frequencies.

## Features

- 9600bps (at 12.5kHz) and 4800bps (at 6.25kHz)
- Data mode programmable
- RS-232 and RS-232 + Ethernet versions
- Fast data transfer using 4-level FSK modulation
- Suitable for real-time data monitoring
- 25W, 10W and 2.5W three-step RF output power
- BNC antenna connector
- Individual, group and all calls
- Data encryption function (500 codes)
- Memory channel selection via PC control command
- Optional CS-F5120DD, Programming Software and OPC-2218LU, USB type Programming Cable
- VHF 135-174 MHz, UHF 400-470 MHz with 128 channels

## Application Examples

- **Utilities, water and power**
- **Gate control applications**
- **Oil Pipeline and well drilling**
- **Weather monitoring**
- **Traffic monitoring**
- **Airport support vehicle management**



# National 2 Way Snaplock BRAIDED FIBER CLOTH Interchangeable Ear Piece System

## SnapLock™ Interchangeable Earpiece System

Model# SL+1W

Model# SL+2W – noise canceling microphone



**Improved Braided Fiber Cloth Ear Pieces for ear speakers are 3X times stronger than the standard ear piece accessories and will last much longer than what has been on the market. The cable will not kink**



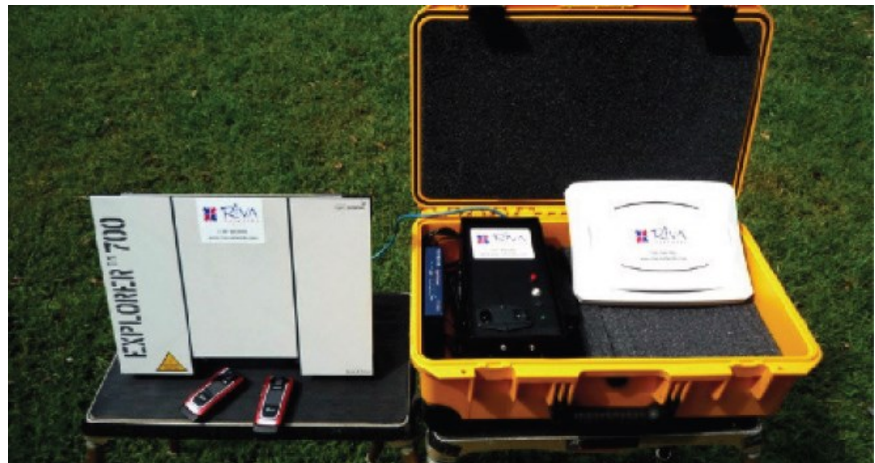
## Persistent Telecom's Portable SMS Broadcast System

Persistent Telecom has designed and built a portable SMS broadcast system to support public safety notification, law enforcement operations and Humanitarian Assistance / Disaster Recovery (HADR) missions. nanoCAST™ systems provide situational awareness during any crisis where survivors or hostages are denied access to public networks.

Denied access or loss of commercial telephone services is common place in disasters. Recently, some governments have begun to turn off mobile phone networks to suit their needs. In either case, nanoCAST™ systems can be deployed to identify victims in need of assistance.

**nanoCAST™ systems can be effective in many sensitive situations including:**

- **Early warning Emergency Alerts**
- **Search and Rescue**
- **Hostage Situations**



### **Emergency Alerts:**

In less than five minutes nanoCAST™ systems can be programmed to transmit instant messages to mobile phones in the immediate area. There is no need to wait for the commercial carrier to set up the SMS broadcast. First responders do not need to know what phones are in the area, the nanoCAST™ figures that out for them automatically. Once the "stay where you are" or "evacuate immediately" campaign is activated the nanoCAST™ system finds the phones and sends the alerts.

### **Search and Rescue:**

Finding survivors is a time critical effort where nanoCAST™ systems can be helpful in many ways. For example, when a nanoCAST™ finds three phones active in the area, there are probably at least three people to locate.

### **Hostages:**

Once again, when time is of the essence, a nanoCAST™ campaign can send and collect information in the shortest time cycle. With shooters in the building, sending directions to innocents within can provide assurance that help has arrived.

Alternatively, if the commercial networks are down, a nanoCAST™ campaign can be directed at the assailant.

**Easy to use, nanoCAST™ systems can be operated using any tablet or smart phone. Initiating an SMS campaign is as simple as sending a text message with your cell phone.**

More information at:  
[www.persistent-telecom.net](http://www.persistent-telecom.net)



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# Introducing **podRUNNER™**

## The New Way to Transport your Command and Communication Operation

**Scenario:** When activated, Fire Chiefs must quickly respond to the deployment site with their State issued equipment (radios, forms, accountability systems, etc.) This entails stripping their vehicles of locally issued equipment, then loading their State equipment resulting in increased response times, and often missing/damaged equipment.

**Response:** A cohesive system to house dedicated State incident command equipment that is fast and easy to load on their response vehicles.

**Problem:** Custom emergency response trailers are expensive to build, store and maintain and would have trouble managing washed out or debris covered roads during a response.

**Solution:** The PodRunner™ Workstation designed to act as a mobile incident command post for MABAS deployments. These units run off shore (wall), generator, or battery power and include everything the Chiefs need to manage an incident independent of their vehicles.

**Features:**

**Workstation** - Lockable and weather-proof fold out desk unit with externally accessible generator compartment.

**Power Options** - Shore (wall) power, generator and on board AGM battery. Power Control Module (PCM) contains 400w inverter and DC battery conditioning controls. Multiple power outlets including 120 VAC, 12 volt DC and USB for powering/charging various devices. Integrated RIGrunner.

**Communication Systems** - The PCM is prewired for easy installation of their existing APX radios.



**Accessories** - Each unit is outfitted with a firearms lock-box, full size filing cabinet, laptop charging drawer, shelves and drawers for organization, slide out platform for the printer/scanner, scene lights, (2) T-Card arms, white board and drop down stabilization legs.



Visit [www.ThePodRunner.com](http://www.ThePodRunner.com) for videos, pictures, schematics & more information on this and other PodRunner™ units.