



## **PURVIS Fire Station Alerting System Selected by Charleston County, SC**

**Middletown, RI, May, 2013** – PURVIS Systems was selected for use by Charleston County, SC for delivering emergency and incident notifications from the County’s central dispatch to its fire safety personnel across 71 different fire station locations. At each of the County’s two dispatch locations, the station alerting solution consists of an interface to the County’s TriTech Computer Aided Dispatch system, data and audio interfaces to the County’s radio network, a Central Server (located in each facility for geographic redundancy) and FSAS Dispatch/Management Software for system monitoring, reporting, configuration, and manual alerting if needed.

Equipment being installed in each fire station consists of a Station Control Unit with a touch screen display, self-amplified speakers with new wiring, an Audio Control Unit, Uninterruptible Power Supply (UPS), and a Radio Interface. Some stations are also receiving Rip & Run printers. Audio zones provide the County the ability to alert by zone and ramped audio and day/night audio controls provide greater flexibility in how alerts are delivered within the station.

The project includes the hardware, software, installation, training and engineering services necessary to implement a fully-functional, automated system. Deployment of the system entails the County’s Consolidated 911 Center, the Backup Consolidated Dispatch Center, 71 fire stations, and a testing/training room.

Communications have been customized to the county’s unique situation. The FSAS is transmitting automated alerts to fire stations over the County’s IP and cellular networks. Automated Text-To-Speech (TTS) audio announcements are being broadcast on multiple radio channels to deliver announcements to handheld radios in the field and to each fire station for alert redundancy. Additionally, dispatch alerts and system trouble notices are automatically being sent to designated personnel via e-mail and SMS text messages. In a future phase of the project, P25 data transmission will be enabled to each fire station for data network redundancy.

### **About PURVIS Systems Incorporated**

PURVIS Systems Incorporated, founded in 1973, is a Rhode Island-based company that has served the public safety, emergency management and defense industries for more than 35 years. The company provides engineering and professional technical services, with core competencies focused around communications and information systems. Capabilities range from technology needs assessments and systems integration services to custom hardware and software development -- from initial design, through implementation, life cycle management and 24x7 maintenance. While PURVIS has a strong track record in large, complex organizations, it also serves scores of smaller agencies, particularly within the arena of public safety.

PURVIS Systems has long-term engineering and technical services contracts with clients such as: New York City Fire Department (FDNY), National Institutes of Health (NIH), Naval Undersea Warfare Center (NUWC), Surface Warfare Development Group (SWDG) and various other municipal and commercial establishments. For more information, please visit [www.purvispublicsafety.com](http://www.purvispublicsafety.com) and [www.purvis.com](http://www.purvis.com).

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