

## CASE STUDY

# Pittsburgh, PA Police Barricaded Subject

## Situation

Pittsburgh police officers respond to calls from neighbors of a Brandon Heights, PA man shooting a gun in his yard. Officers arrive and find retired firefighter Marc Vranes barricaded in his home and threatening harm to officers if they try to enter.



## Problem

Suspect-driven emergency deployments and operations, including barricaded subjects, hostage negotiations, and serving high-risk warrants and eviction notices, can turn into life threatening situations. The limited range and poor vocal clarity of bullhorns and vehicle PA systems put officers in close proximity to armed suspects.

Building walls and other infrastructure impede the delivery of clearly understood voice commands and instructions. When officers knock on a door or enter a structure during elevated risk operations the likelihood of injuries and fatalities greatly increases for officers, suspects and the public.

## Solution

Pittsburgh PD contacted Marc Vranes' mother and had her record a personal message to her son. The officers used the department's **LRAD** system to broadcast the message to the distraught man.

*"We had his mother tape a message that was scripted out for us and then we played that message over our **LRAD** system and immediately upon the completion of that message, he called us and said he was willing to come out and surrender himself."*

Commander Rashall Brackney, Pittsburgh, PA PD



## Genasys Protect

### LRAD

**LRAD** is the Communication System of Choice for law enforcement, public safety, and defense departments around the world. Unlike bullhorns and vehicle PA systems that disperse sound in all directions, LRAD's proprietary audio technology focuses sound in a 30° beam while substantially reducing sound levels behind the device and in surrounding areas.

**Long Range Acoustic Devices** are saving lives during everyday duties and escalated risk operations. Offered by Genasys, ensure your department has LRAD's essential clear communication capabilities

### CONNECT

**Genasys Protect CONNECT** provides secure, real-time communication and collaboration, addressing the strictest requirements of public safety agencies, hospitals, financial services, and secure business communications. With security at its core, CONNECT ensures the integrity and reliability of every message, offering a robust platform for both internal and external communication and collaboration.

Unify your organization and facilitate smooth collaboration with external organizations through real-time communication. Drive compliance, including CJIS, FOIA and HIPAA, with record retention policies so your agencies or personnel can communicate in confidence.



*"LRAD is a game changer for communication between the police and the public. If we can effectively communicate, we reduce the chances of anybody getting hurt."*

- Sgt. J.E. Armstrong, Greensboro, NC PD

*"When you're on Genasys Protect CONNECT, you're able to push out updates in real time. To me, that is the value proposition and is worth its weight in gold. It's very cost effective for our team and city."*

- Christopher Cook, Police Chief, White Settlement, TX

## Genasys

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LRAD products are available for purchase through multiple channels including: DLA TLS SOE, GSA Advantage, Federal and State grants, FEMA Authorized Equipment List (AEL), and others. More information: [sales@genasys.com](mailto:sales@genasys.com)



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