



City of San Jose, CA – Emergency Alert System

SITUATION

Hundreds of residents were forced from their homes and more than 14,000 others had to evacuate when historic rainfall and an emergency water release from a nearby dam caused widespread flooding in February 2017. Complaints that city officials did not warn and notify residents, 350 of whom had to be rescued by firefighters in boats as floodwaters quickly engulfed their neighborhoods, resulted in the City of San Jose evaluating emergency alert system options.

PROBLEM

Standard emergency warning systems sound sirens, but are incapable of broadcasting audible, highly intelligible voice notifications containing potentially lifesaving information. Automated phone calls, emails, text messages, social media and other emergency notification methods are only effective if contact information is current or continually updated. Bullhorns and vehicle P.A. systems have limited broadcast range and poor vocal intelligibility.

GENASYS™ SOLUTION



LRAD 100X

The City of San Jose implemented a Genasys emergency alert system comprised of a Genasys 360XT mobile mass notification system and an LRAD 100X acoustic hailing devices. Self-contained and mounted on a rugged trailer, the Genasys 360XT features clear voice emitters on a rapidly deployable 30 ft. pneumatic mast that broadcasts warning sirens and voice messages with exceptional clarity and uniform 360° coverage. The portable LRAD 100X is 6X louder than most bullhorns and broadcasts voice messages and notifications with superior intelligibility.

Genasys 360XT



MOBILE MASS NOTIFICATION AND EMERGENCY WARNING

The Genasys 360XT Mobile Mass Notification System (MMNS) is integrated with a fully self-contained, ruggedized trailer and features lockable electronics and equipment enclosures containing the amplifier modules and battery pneumatic systems.

The 360XT battery bank can be charged using the built-in AC powered battery charger or optional solar panel. Standard configuration of a dual stack 360X emitter provides an 850 meter radius of clear communication coverage.





ADVANCED TECHNOLOGY

Genasys' proprietary driver and waveguide technology focuses sound from 30° - 360° to provide customized mass notification area coverage. Optimized to the primary range of human hearing, Genasys broadcasts are clearly heard and understood inside vehicles and buildings, and above background noise. Genasys systems maintain a smooth frequency response with an intensity variation of less than 5dB to prevent audio fading and produce clear, unambiguous communication in any language and across all broadcast frequencies.

SUPERIOR VOICE INTELLIGIBILITY



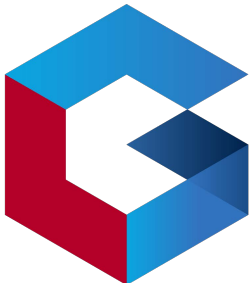
Based on Federal Emergency Management Agency (FEMA) and U.S. Military United Facilities Criteria (UFC) guidelines, the minimum standard for high-powered speaker array mass notification systems is a 0.5 Speech Transmission Index (STI) measurement.

Genasys systems feature the highest STI in the mass notification industry at 0.95, substantially exceeding all FEMA and UFC voice intelligibility requirements.

Genasys systems are self-contained or easily integrated with existing communication infrastructure. From portable devices to larger systems temporarily or permanently mounted on poles, buildings, trailers, vehicles or helicopters, Genasys systems are highly effective in communicating lifesaving information before, during, and in the aftermath of emergency situations and disasters.

Genasys 360XT

With Optional Solar Panel and Remote Charging Capability



About Genasys Inc.

Genasys is a global provider of critical communications systems and solutions to help keep people safe. Genasys systems are deployed in a range of diverse applications, including fire rescue, emergency warning, public safety mass notification, law enforcement, and other applications

Public safety agencies in 72 countries and in more than 500 U.S. cities use Genasys systems and support equipment



Genasys products are available for purchase through multiple channels including: GSA Advantage!, Federal and State grants, FEMA RKB Standardized Equipment List (SEL), and other. More information: sales@genasys.com.

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