

ALERTY

# Mass notification solutions for the oil and gas market



**EATON**

*Powering Business Worldwide*



# Solutions for oil and gas refineries

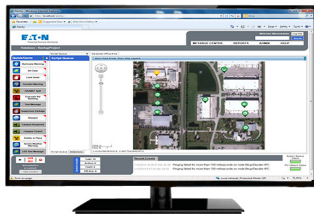
If an emergency occurs or is imminent at your site how will you provide critical information to personnel when seconds count?

Eaton's interoperable Mass Notification Systems (MNS), part of the ALERiTY platform, are emergency communication solutions to help keep employees safe and the oil and gas industry up and running. Eaton's layered MNS solutions are designed to protect, alert and inform people within seconds of what to do in the event of an emergency or disaster, whether natural or man-made. Whether in an administrative office or around a processing facility, those in immediate threat areas can be alerted quickly and accurately.

Whether your operation is relatively small or a large one with multiple processing units and facilities in different locations, Eaton's MNS is customizable to meet your site's needs. This modular and scalable system is easily expanded in phases by leveraging your existing systems. You can build your notification system one layer at a time, starting with an in-building emergency communications system or an outdoor Giant Voice speaker system. You can add and integrate the different layers as funds become available.

We believe that one of the key components to the security and protection of your critical infrastructure is a Mass Notification System. Regardless of the number of distribution terminals or distance from Emergency Operations Center, Eaton's MNS is the most reliable, field-proven system available—designed especially to serve your facility's needs today and well into the future.

# ALERiTY mass notification system features



## WAVES command & control

### Reliable & easy-to-use

- Integrated platform that seamlessly manages in-building and wide-area mass notification
- Easy-to-use, one click solution to launch critical emergency messages
- Fully redundant MNS solution: multiple points of command & control through Web-client GUI; Standby Server available
- Interoperable IP-based platform that integrates with other life safety systems for seamless system management and monitoring
- Remotely access the system to activate messages
- Supervision and monitoring of the end nodes assure that messages are received as sent
- Modular and scalable for future expansion



## SAFEPATH in-building MNS

### Multi-use capabilities

- Supervised paging, messaging, background music delivery and emergency communications system with 24 VDC battery backup
- Full control of building audible and visual notification appliances
- Live microphone and pre-recorded messages
- Telephone zone paging, addressable zone paging
- Fire alarm control panel interface
- Scalable from 40 watts to in excess of 25,600 watts of audio power

### Code compliant

- UL 864 9th edition listed and NFPA-72 Compliant, UL 1480 listed speakers for Fire Protective Service, and UL 1971 for Emergency Devices for the hearing impaired
- OSHA 1910.165 Employee Alarm Systems



## Exceder LED3 high fidelity speakers & speaker strobes

### High fidelity sound output

- Efficient design for high intelligibility at minimum wattage
- Frequency range: 300 to 8000 HZ—widest range in the industry

### Energy efficient

- Industry's lowest current draw
- Fewer power supplies required, smaller wire gauge, reduced wire runs

### Low profile design

- One of the smallest footprints with sleek, modern aesthetics

### Amber lens & special lettering available



## WAVES wide-area outdoor MNS

### Industry-leading voice intelligibility

- Advanced amplification system design penetrates the atmosphere at a narrow band, focusing the beam directly at the audience for better sound pressure and higher intelligibility
- Equalized intelligibility—broadcast messages as clearly at 2000 ft. as at 100 ft.
- Directing sound where you need it—omni-directional and directional speaker coverage available
- Energy- and cost-efficient advanced amplification system

### Life safety standards

- TUV Certification: UL/CSA/EN 60950-1

# ALERiTY will enable you to

- Maintain business continuity during natural or man-made events
- Instantly notify and direct personnel and visitors through pre-recorded or live, crystal clear voice messages for all hazards (terrorism, weather and facility events)
- Provide different warnings and instructions to individual areas (indoor and outdoor) to direct personnel from the danger area in a controlled manner
- Integrate with existing or planned command and control (C<sup>2</sup>), life safety or security systems including chemical detectors and sensors
- Protect personnel and critical infrastructure during all hazards



Integrated platform offering multi-layered mass notification solutions

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