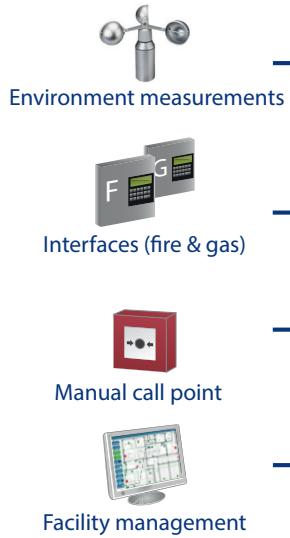


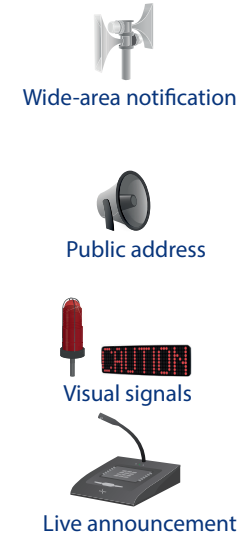
Event Monitoring



Visualization



Alarms



Example: Alarms are triggered by wind direction

- Gas leak detected in "Building U5"
- Calculation of wind direction and speed
- U5 is evacuated, the people in U7 are instructed to stay inside
- Emergency shutdown of critical plant components
- Shutdown of ventilation systems
- Control of warning lights for emergency services



IP-based PA/GA Systems for Plant Warning

Safety for
People, Machines
and the Environment



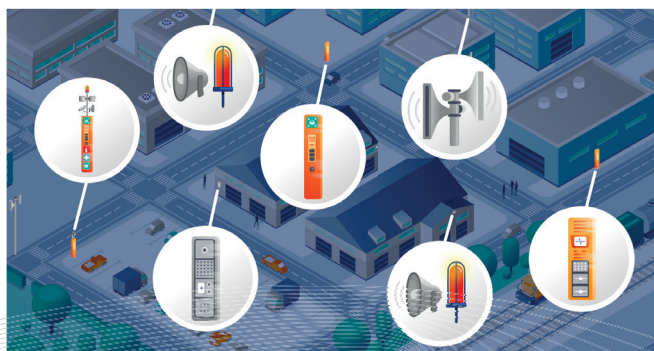
Plant warning - Prompt, clear, reliable

Industrial plants are becoming larger and more networked, with production processes increasingly dependent on each other.

Alarm tones, voice announcements and visual signals can be used in an emergency to promptly, clearly and reliably guide people to safe locations and to activate emergency shutdowns.



If e.g. a fire or a gas leak is detected in a building by a fire and gas detection system, the incident is immediately forwarded to our plant warning system via a variety of possible interfaces. At the same time, wind sensors e.g. detect when other buildings are also within the danger zone. Alarms are individually triggered for all buildings – automatically or manually by authorized staff. If required, doors are opened, ventilation is switched off or system parts are shut down. The big advantage - production is not interrupted in areas that are not affected.



The plant warning system from INDUSTRONIC: Flexible and modular

- Modular and scalable system architecture for diverse requirements and easy upgrading
- Recorded tone and text signals and/or situation-dependent live voice announcements
- A wide range of robust components for industrial applications indoors, outdoors or in hazardous areas

Easy to integrate

- Interfaces to fire and gas detection systems
- Connection to control rooms, PABX and radio systems
- Integration of an emergency call for elevators and control of ventilation systems, access control, warning lights, etc.
- Integration of existing solutions and components (e.g. loudspeakers, flashing warning beacons, wind sensors)
- Integration of third-party and existing systems into the plant warning system

Safe and monitored

- Continuous monitoring of all system components
- Fail-safe redundancy concepts for highest system availability
- Continuous monitoring and automatic fault notification

Your benefits at a glance

- Reliable alarming and fast, orderly evacuation of people, as well as targeted guidance of emergency services
- Compliance with legal regulations to protect people in emergency situations
- Customer-/plant-specific integration into your safety concept
- Long-term investment protection and future-proof expandability thanks to state-of-the-art technologies
- Planning, installation and service from a single source

What we offer:

1 Planning and Design

- Pre-planning/feasibility studies
- Planning support
- Acoustic design



2 Engineering

- Plant/construction site inspection
- System integration
- Customization



3 Installation and Commissioning

- Installation
- Commissioning
- User instructions



4 After Sales Service

- Technical Support
- On-site service
- 24-hour service
- Maintenance



5 Training

- In-house training courses
- On-site training courses
- Workshops
- Online training courses

