

L O U D A N D C L E A R

The Industrial Notification *Experts*



 **GAI-Tronics®**
A Hubbell Company

An explosion in the plant...

... A fire.

An alarm whistle sounds.

One, two..how many blasts?

Those who hear it move
toward the appropriate exits.

Those who don't wonder...

What did they say?

What's happening?

What about wind direction?

Where is the fire?

Is this the safe way out?

C O M M U N I C A T I O N S

In an industrial emergency, response time is crucial. An effective emergency notification system can make a tremendous difference in the aftermath of an incident in the lives you save and to your financial liability.



Getting The Message, Loud And Clear

An emergency message isn't effective if it can't be heard... And industrial environments offer a special challenge because they are noisy, spread out and have a changing and mobile workforce. Hearing an alarm such as a steam whistle can be difficult. Three blasts? Four? Does everyone know the codes? What about visitors and outside contractors?

There's really no way to make sure everyone, everywhere in the plant understands an emergency message unless you tell it to them—loud and clear.

A voice notification system has countless advantages over alarm whistles or horns. Most importantly, live voice capability enables you to communicate up-to-the-moment information throughout the facility -- messages that are important to what is taking place at that critical moment. In fact, an emergency notification system with live voice capability is unquestionably the best way to ensure ongoing communications between plant management, employees, and rescue teams during and immediately after an incident has occurred.

"GAI-Tronics' state-of-the-art system solutions allowed us to utilize our investment in existing systems to address future needs. For example, we didn't have to "start over" when addressing emergency notification; rather, we built on the investment we already made"

Pulp & Paper Customer



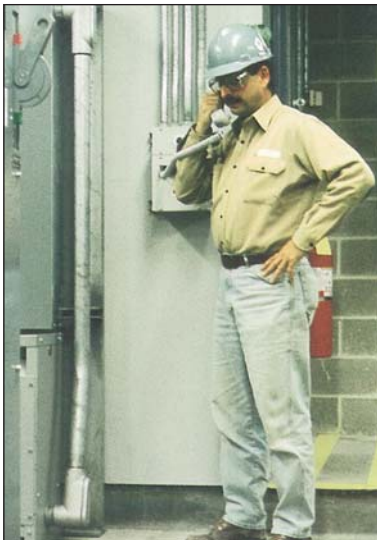
GAI-Tronics offers many options for broadcasting tones and speech messages...horns, drivers and speakers for distributed amplification.



“GAI-Tronics offers us a solution that successfully addressed all of our needs. They provided us the system supervision we required and allowed us to meet the pertinent OSHA regulations. Using GAI-Tronics also allows us to capitalize on the equipment investments we had already made; we didn't have to purchase another entire system to address the emergency notification issues facing us.”

*Project Engineer
Power Plant*

Our rugged communications components feature noise-cancelling microphones, non-moveable electronic hook switches and rugged dust-tight housings. They're also hearing aid compatible.



At GAI-Tronics, our emergency notification systems provide clear and intelligible communications. Our emergency notification systems feature superior voice reproduction and Smart Volume™ Technology - a unique development that automatically adjusts speaker broadcast volume according to ambient noise levels. Our acoustics engineers are expert at overcoming sound barriers, reverberation, shadowing and high noise levels in the most volatile industrial environments.

We combine 60 years of expertise in operational communications with state-of-the-art microprocessor technology. The result: the only supervised emergency notification system with the capability to broadcast a combination of pre-recorded tones and speech messages, and live voice pages. Over any transmission medium: copper wire, RF or fiber. Everyone heard the message. **Everyone understands.**

In An Emergency, There Are No Second Chances

The emergency notification system must work when you need it. Harsh environments - exposure to the elements, hazardous gases, dust or chemicals, even abuse - can take their toll on unprotected system components. Frequent hardware replacement or recurrent system downtime is expensive, frustrating and risky.

GAI-Tronics engineers emergency notification systems specifically to withstand the hazards presented in industrial settings. With over sixty years' experience in industries such as power generation, chemical, petrochemical, pulp and paper, offshore oil and gas exploration, and other heavy industries, we have established a reputation for making products that last.

Our emergency notification system components are Atex, CUL and UL-listed for use in hazardous environments. Once installed, our equipment offers continuous and automatic supervision of equipment functionality. Even during a power failure, operation and supervision can continue via battery backup. The emergency message will always get through.

Different Operations Require Different Systems

At GAI-Tronics, we perform an individualized analysis to evaluate your specific emergency notification needs. Our approach to system design is modular -- allowing reconfiguration of components, addition of capabilities, or migration to new technology whenever it makes sense for your operations.

Whether engineered to interface to an existing communications systems, or configured to accommodate multiple speakers, strobes, pullboxes, paging stations, even RF links, your requirements will always be met. System components are self-diagnostic and can interface to existing fire and gas detection systems, and process control equipment.

Although sophisticated and comprehensive, our system operation is anything but complex. System users require minimal training -- the outcome is confident, reliable operations.



As part of our complete system design we offer an acoustical survey designed to evaluate the requirements of your facility.

Protecting Your Employees, Safeguarding Your Investment

Your employees are a valuable asset to your company. Today, under OSHA and similar regulations, employers are shouldered with great responsibility for safeguarding their employees. These regulations include strict guidelines regarding requirements for emergency notification and alarm systems -- and they threaten substantial penalties for non-compliance.

At GAI-Tronics, we make it our business to understand relevant requirements and standards including UL, ATEX, IEC, NEC, OSHA, ABS, DNV, and NFPA. When you have compliance-related questions, you can rely on us to help you make informed decisions regarding emergency notification systems and procedures required for your facility.

Touch screen monitor is a user-friendly way to supervise RF links and remote station status.





GAI-Tronics® maintains memberships
in the following distinguished association:

American Institute of Chemical Engineers

American Institute of Plant Engineers

Association of Iron and Steel Engineers

Association of Manufacturing Excellence

National Fire Protections Association

Pulp and Paper Safety Association

TAPPI

Institute of Electrical and Electronic Engineers



Customer Listing

Abbott Laboratories Ltd.
Air Products & Chemicals Inc.
Alabama River Pulp and Paper Co.
Alcoa
Allegheny Power Service Corporation
Allied Signal
Alumax Aluminum Corporation
American Electric Power Co. Inc.
AMP Incorporated
Anheuser-Busch Companies Inc.
Aramco Services Company
Arco Chemical Company
Armstrong World Industries
AT&T
Atlantic Richfield Company
Avery Dennison
Azko Nobel Fortafil Incorporated
B.F. Goodrich
B.P. Amoco Chemicals Incorporated
B.P. America Company
Baker Hughes Incorporated
Bally's Park Place Casino
Bell Atlantic Corporation
Bell Electric
BELLSOUTH
Bethlehem Steel Corporation
Biocraft Laboratories Incorporated
The Boeing Company
Boise Cascade Corporation
Boston Edison Company
Bridgestone/Firestone Incorporated
California Polytech University
Campbell Soup Company
Carpenter Technology Corporation
Carolina Power & Light Company
Centerior Energy Corporation
Central Hudson Gas & Electric
Century Offshore Management Corp.
Champion International Corporation
Chevron Texaco Corporation
Chrysler Corporation
Coastal Corporation
Coca-Cola Company
Colgate-Palmolive Company
Columbia Gas System Service Corp.
ConAgra Incorporated
Consolidated Edison Co. of New York
Constellation Energy Group
Corning Incorporated
Crown Cork & Seal Co. Inc.
Dana Corporation
Delta Air Lines
Diamond Shamrock Incorporated
Dole Foods Incorporated
Dow Chemical Company
Duke Power Company
Dulles Airport
Eastman Kodak Company
E.I. DuPont De Nemours
Emerson Electric Supply
Engelhard Corporation
Enron Gas Processing Company
Enron Oil and Gas India Limited
Exxon Mobil Corporation
First Energy Corporation
Florida Power and Light Company

FMC Corporation
Ford Motor Company
Fort Howard Corporation
Foster Wheeler Corporation
Fuji Electric Corp. of America
GEICO
Geisum Oil Company
General Electric Company
General Electric Specialty Company
General Motors Corporation
Georgia-Pacific Corporation
The Gillette Company
Glaxo Incorporated
Goodyear Tire & Rubber Company
Graybar Electric Company Inc.
Great Lakes Pulp & Fibre Inc.
Great Northern Paper Company
Greenhill Petroleum Corporation
Gulf States Steel Incorporated
Hammermill Papers
Harvard University
Hawaii Electric Light Company
Hershey Foods Corporation
Hess Oil Virgin Island Corporation
Hewlett-Packard Company
Home Depot
IBM Corporation
Idaho National Engineering Laboratory
Illinois Power Company
Indonesia Ministry of Forests
Intel Corporation
International Paper Company
JFK Airport
John F. Kennedy Space Center
Johnson Controls Incorporated
JVC Magnetics
Kansas City Power & Light Company
Kellogg Company
The Kelly Springfield Tire Company
Keystone Steel and Wire Company
Kimberly-Clark Corporation
Koch Refining Company
Kohler Company
Kutztown University
Lockheed-Martin Corporation
Long Island Lighting Company
Louisiana Radio Communications
Lyondell Petrochemical Company
Magnavox Electronic Systems Co.
Mead Paper
Monsanto Chemical Group
Motorola Incorporated
Nabisco Biscuit Company
Occidental Chemical Corporation
Oxy Petrochemicals Incorporated
Pacific Gas & Electric Company
Paramount Studios
Parsons Overseas Company
Parsons S I P Incorporated
Peco Energy Company
Petroleos Mexicanos
Penzoil Products Company
Petrobras Brazil
Philip Morris U.S.A.
Phillips Petroleum Company
Port Authority Trans Hudson (PATH)

PPG Industries Incorporated
Procter & Gamble Company
Public Service Electric & Gas Co.
Puerto Rico Electric Power Authority
Quaker Oats Company
Raleigh Mine and Industrial Supply
Ralston Purina Company
Raytheon Company
Reynolds Metals Company
River Hill Coal Company Incorporated
Roadway Express Incorporated
Roche Products Incorporated
Rochester Gas and Electric Corp.
Rockwell International Corporation
Rohm & Haas Company
Rouge Steel Company
Rutgers University
S C Johnson & Son Incorporated
Santa Fe Pacific Coal Corporation
Saturn Machine & Welding Co. Inc.
Saudi Arabian Airlines Incorporated
Saudi Petrochemical Company
Savannah Electric and Power Co.
Shaw Industries Ltd.
Shell Oil Company
Southern Peru Copper Corporation
Southwest Airlines Company
Stone Container Corporation
Taiwan National Police Administration
Taiwan Power Company
Taubmann Company
Tenneco Incorporated
Tennessee Gas Pipeline Company
Texaco Pipeline Incorporated
Texas Eastern Pipe Line Corporation
Texas Instruments Incorporated
Thai-Petrochemical Industries
The Timken Company
TU Services Incorporated
TXY Energy
Tyson Foods Incorporated
Unicom Incorporated
Union Carbide Corporation
United Parcel Service of America
United Technologies Corporation
Universal Electronics Co. Inc.
Universal Maritime Service Corp.
Universal Parts Corporation
Universal Studios Florida
Universal Telephone Supply Inc.
USX Corporation
Vicom Incorporated
Walt Disney World Company
Washington Steel Corporation
Westinghouse Electric Corporation
Westvaco Corporation
Weyerhaeuser Company
Wheeling Pittsburgh Steel Corporation
Wierton Steel Incorporated
Willamette Industries Incorporated
Wisconsin Electric Power Company
Wisconsin Natural Gas Company
Xerox Corporation
Yale University

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Quality Management System Certified by DNV - ISO 9001:2008

The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.