



## RigCom / EZ Page



**RigCom** is a common-talk communication system designed for hazardous areas on land and offshore oil rigs. The system is simple to use with push-to-talk, release-to-listen operation, and will withstand the harsh effects of the environment. The system consists of an explosion-proof case which houses the electronics, and an explosion-proof loudspeaker also functioning as the microphone. Optional accessories include a gooseneck microphone, footswitch, and the capability to remote mount the speaker. RigCom is also available in a hands-free model.

The RigCom is also compatible with GAI-Tronics' EZ Page. EZ Page is a common-talk communications system designed for a wide variety of rugged applications. EZ Page provides a low cost alternative to the RigCom in non-hazardous, industrial applications. EZ Page configurations are identical to RigCom: Master / Slave and Common Line.



Driller's Intercom Systems provide communications between drill operators and rig personnel. The system's digital architecture is used to link the stations with the central intercom server. The server unit includes station line cards, audio interfaces and relay interfaces allowing ease of connection to PA, Radio or Alarm systems. Additionally, tone generators and telephone/radio interfaces may be added to create complex loudspeaking and PA systems.



**Digital Intercom**

The intercom stations are available as explosion-proof, weatherproof or desktop units. The stations have direct access by using the keypad, pre-programmed keys or speed dials. This allows the user the capability of performing point to point private calls. Additionally, the system may be configured to allow group calls, conference calls and all call announcements.

## Centra Page/Party®



GAI-Tronics' Centra Page system provides dependable paging and party line communications for rugged and hazardous industrial facilities. Centra Page features centrally-located electronics which provide for easy maintenance. Standard Centra Page cabinets can support up to 30 handset stations and in most cases up to 60 paging speakers. Alarms and telephone interfacing can also be added to Centra Page.

All stations are homerun wired to the central cabinet, where station status is monitored. To maximize flexibility, stations are available in Desktop, Desk-Edge, Weather-proof, Indoor, and Flush Mount configurations.



The Central Cabinet must be located in a non-hazardous area. Stations and speakers may then be located in both hazardous and non-hazardous locations, depending on the method used to install the wiring.



## ADVANCE/SmartSeries™ / Page/Party®

SmartSeries™ system field devices utilize the latest technology in data communications to significantly improve system integrity and functionality. By interfacing with the SmartSeries™ control unit, the devices exchange fault and activity messages. The SmartStatus feature provides a graphical display of the entire communication system, making the system very user-friendly.

Current faults are displayed or logged, depending on the system configuration, to provide maintenance personnel a means to diagnose equipment problems. For example, a handset left off-hook can degrade an audio channel. To alleviate this problem, the stations report this condition and are programmed to go electronically on-hook after a pre-set time period configured at start-up.

Other system functions monitored by the control unit include use of the page line, integrity of the system cable, and the functionality of the station amplifier and associated speakers. Supervision of these features significantly reduces the costs associated with maintaining your communication system.

With emergency notification as a major industrial concern, GAI-Tronics offers the ADVANCE Emergency Notification System. The ADVANCE Control Unit interfaces with GAI-Tronics standard Page/Party® or SmartSeries™ stations to provide all of the features required for an Emergency Notification System that you and your employees can depend on to give you peace of mind.

SmartSeries™ systems are fully adaptable to a variety of facility sizes, from a few handsets to several hundred. Using SmartLink technology, multiple independent communication systems can be interfaced and monitored from a central location.



## Elemec plus: Digitally Controlled Voice Evacuation System

Elemec plus is a Digitally Voice Evacuation System (PA/GA), using their experience of developing high integrity emergency systems for the offshore Oil and Gas market.

The modular construction along with the ease of management, maintenance and control ensures that Elemec plus is an ideal solution for a broad spectrum of installations anywhere an emergency notification system is essential to the safety of the employees.

The equipment is specifically and fundamentally designed as fail-safe, with detailed comprehensive system and fault status monitoring for maximum availability at all times.

In addition to Routine Paging, Emergency Broadcasts can be automatically initiated from Fire Detection Equipment Systems that include the option of accessing alarm

GAI-Tronics is uniquely positioned with a wealth of experience in the development of robust systems, and a comprehensive knowledge of certification and safety related standards that ensures fail-safe, high availability solutions in industrial and petrochemical environments.



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GAI-Tronics® USA (Corporate) Toll Free: 1 (800) 492-1212 Tel: (610) 777-1374 Fax: (610) 796-5954 [www.gai-tronics.com](http://www.gai-tronics.com)  
 GAI-Tronics® UK Tel: +44 (0)1283 500500 Fax: +44 (0)1283 500400 [www.gai-tronics.co.uk](http://www.gai-tronics.co.uk)  
 GAI-Tronics® S.r.l - Italy Tel: +39 02 4588801 Fax: +39 02 93663110 [www.gai-tronics.it](http://www.gai-tronics.it)  
 GAI-Tronics® Malaysia Tel: +60-3-8945-4035 / 8945-7348 Fax: +60-3-8945-4675 [www.gai-tronics.com](http://www.gai-tronics.com)  
 GAI-Tronics® Austdac - Australia Tel: 011-61-28-851-5000 Fax: 011-61-29-899-2490 [www.austdac.com.au](http://www.austdac.com.au)

Quality Management System Certified by DNV - ISO9001:2008

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