HEAVY INDUSTRIAL
IP SOLUTIONS

A pioneer in the development of industrial communication
systems since 1946 to satisfy the needs for efficient, reliable,
high-performance public address, intercom/paging
and emergency notification systems

The Power of IP-based Control & Communication

Modernizing system integrity, functionality, and communications in the most demanding environments.

Our Capabilities

- ✓ VoIP Architecture
- ✓ Public Address/General Alarm
- ✓ Emergency Notification
- ✓ Process Communications
- ✓ Point-to-Point Intercom
- ✓ Audio / Video Communications
- ✓ Real-time System Monitoring
- ✓ Integration with Legacy Systems
- ✓ Security Access Control

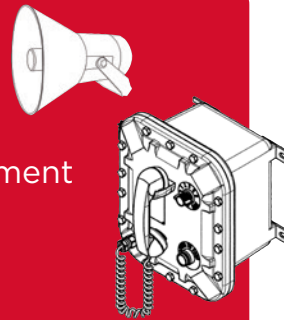## The Ideal Solution for Heavy Industrial

Control Room
- Alarm activation
- Emergency Notification
- Monitor gate/door entry via audio and video
- Zone paging capabilities
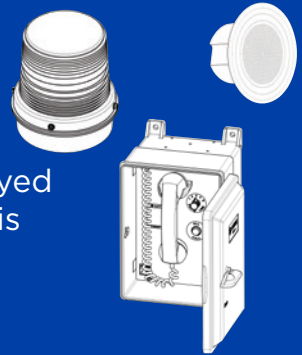- Remote monitoring of the entire system

Processing Area
- Five party lines
- Hazardous to meet any environment
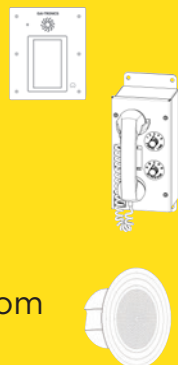- Broadcast pages/alarms

Production Area
- Five party lines
- Can withstand being sprayed with water/dust and debris
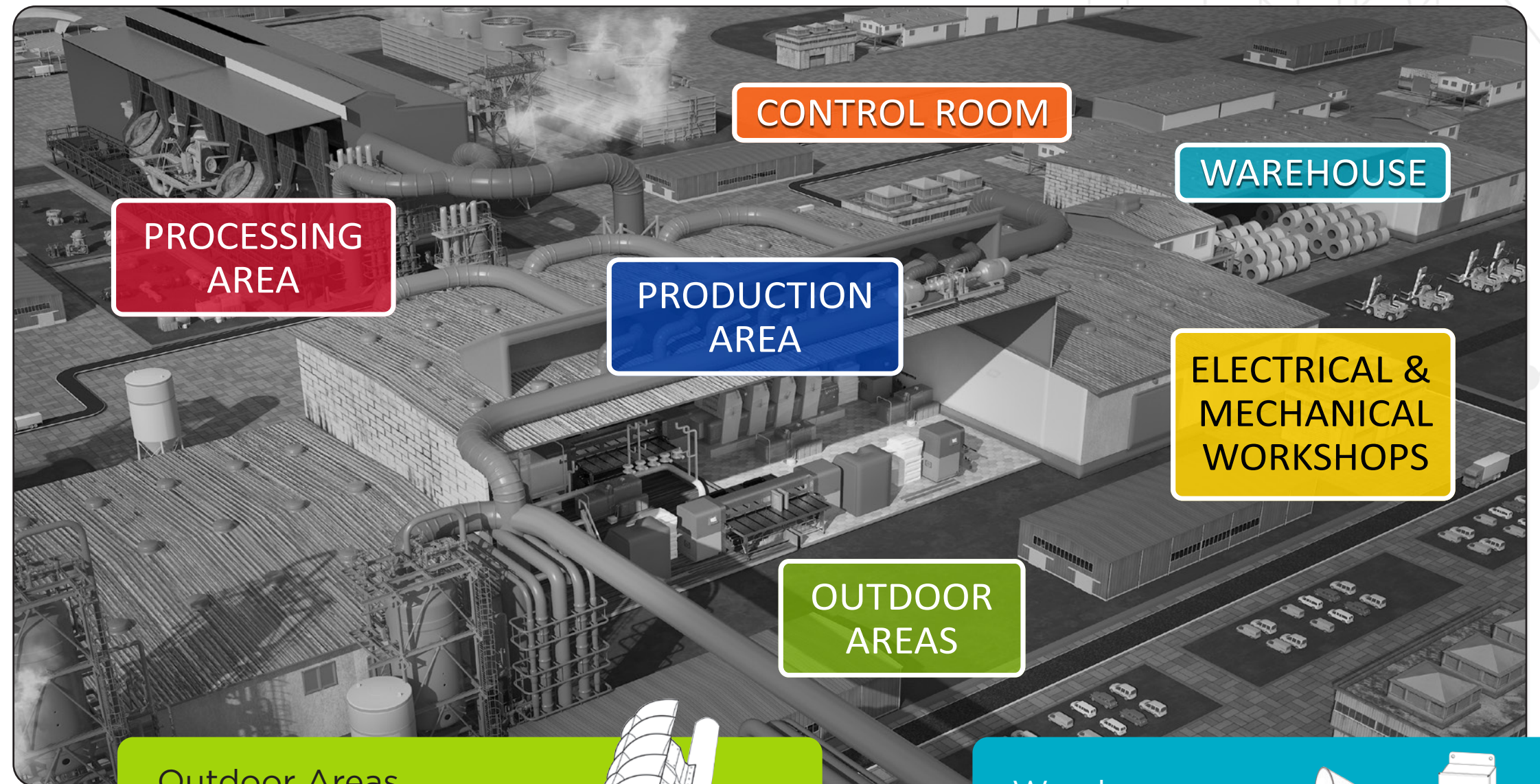- Broadcast pages/alarms

Electrical & Mechanical Workshops
- Five party lines
- Broadcast pages/alarms
- Make pages/video calls
- Video monitoring from control room

Providing systems, products, and services of the highest reliability for more than 70 years.
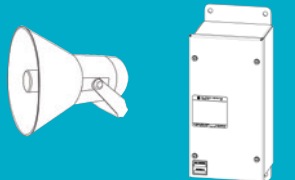
CONTROL ROOM

WAREHOUSE

PROCESSING AREA

PRODUCTION AREA

ELECTRICAL & MECHANICAL WORKSHOPS

OUTDOOR AREAS

Outdoor Areas
- Broadcast alarms and emergency notifications
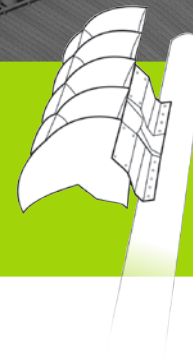
Warehouse
- Receive pages/alarms

DESIGN | CUSTOMIZE

SP2 SERVERLESS PAGE/PARTY®

VoIP Multicast Paging and Intercom Systems

- Full Duplex Communications
- Remote Monitoring
- Five Party Lines*
- AC (120/230v), DC (24v), or PoE or PoE+ Operation
- Efficient 30 Watt Class D Amplifier
- Ambient Level Sensing (ALS)
- Remote Terminal Unit (RTU)
- Hazardous Area Approvals**

* Handset Models Only   ** Dependent on model

HUBBCOM™ IP DEVICES

HUBBCOM is an IP-based, multi-functional, communication and control system.
Applications include:

- Control of ELEMEC3 alarms
- Paging and intercom with SP2 and ELEMEC3 systems
- Door and gate entry, audio/video intercom and control

ELEMEC3 NETWORK PA/GA SYSTEM

Elemec3 (E3) is a network enabled Public Address and General Alarm (PA/GA) system designed for life critical installations in the world's toughest industrial communications markets.

RUGGED TELEPHONES

Models

- 352-701: VoIP, Div 1
- 351: Div 2, UL 50 Type 3R / NEMA 3R
- Auteldac: VoIP or Analog, 18 Button or CB, ATEX
- 240/250 Series: VoIP / Analog, Indoor / Outdoor
- 261/271 Series: Intrinsically Safe Phones

SPEAKERS, HOODS, STROBES

Models

- HP15-8: Indoor / Outdoor Horn Speaker
- B650-8: Indoor Ceiling Speaker
- Strobes: Non-metallic Corrosion Resistant Signal
- Acoustic Hoods for Phones and Intercom / Paging
- 370-901: SP2 Page/Party® Interface
- High Power Speaker Array

LARGE FOUNDRY AND MACHINE SHOP

A large Foundry and Machine shop with adjacent offices and warehouses was being constructed in the Midwest United States. The customer's specifications required a mix of IP-based communications solutions for wide area indoor and outdoor applications, day-to-day communication, emergency notifications, and access control for entry points. Being situated in the Midwest US, the area is prone to tornadoes in summer months and snowstorms in winter months.

SOLUTION

The new GAI-TRONICS system included the installation of SP2 IP paging/intercom stations in the factory's multiple hazardous production zones, facilitating communication between production and the non-hazardous office areas. In office areas, HUBBCOM™ IP Devices were installed; offering both SIP telephony and factory-wide paging functionality. HUBBCOM™ IP Remote Devices are also utilized across the plant at all access points (doors/gates/loading docks) to enhance security and keep employees safe. The system was completed by installing an Elemec3 control cabinet in order to make factory-wide or zoned daily notifications like announcements, break signals, or emergency alarm broadcasts.

PRODUCTS

- SP2 Paging/Intercom Stations
- HUBBCOM™ IP Devices & Remote Units
- Elemec3 Control Cabinet

Contact your sales representative, distributor or call our toll-free sales hotline for further information at 1-800-492-1212.

Visit www.gai-tronics.com
Email us: customerservice@gai-tronics.com