GAI-TRONICS®

POWER GENERATION
COMMUNICATION 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

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

The Ideal Solution for Power Generation

Our Capabilities

- ✓ Central Amplifier
- ✓ Distributed Amplifier
- ✓ Emergency Notification
- ✓ Intercom/Paging System
- ✓ Interfacing/Monitoring
- ✓ Point-to-Point
- ✓ Public Address/General Alarm
- ✓ Two-way Plant Communications
- ✓ Voice Communications
- ✓ VoIP Multicast Paging & Intercom

# Entry Points, Hallways, Lobby Offices, Parking Areas
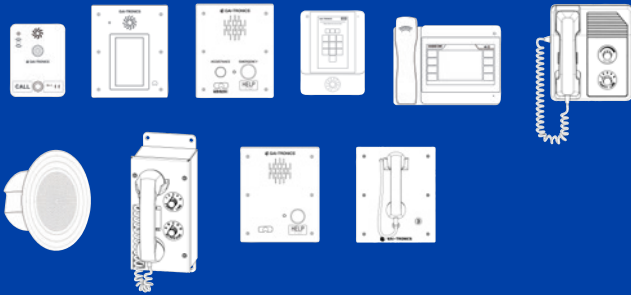
Identify visitors, audio/video intercom and security access, Communicate via phone office to office, office to hallways, building to building, and day to day communications, access emergency phones for immediate assistance
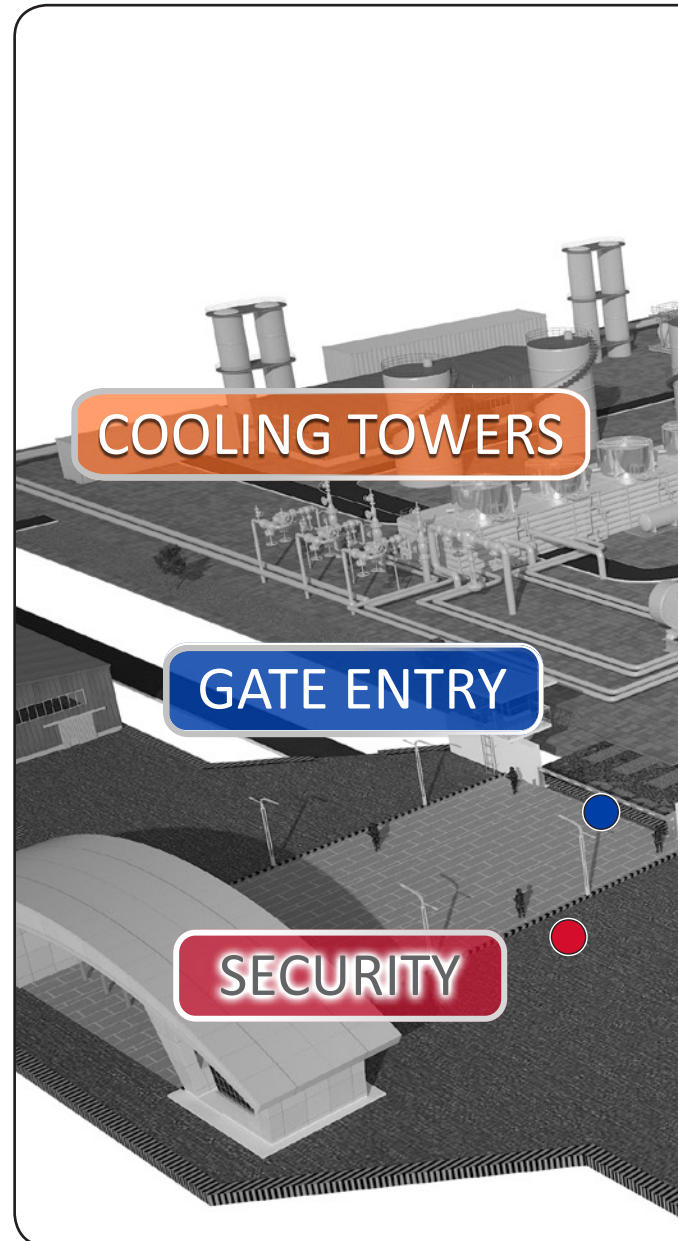
Security & Areas of Refuge
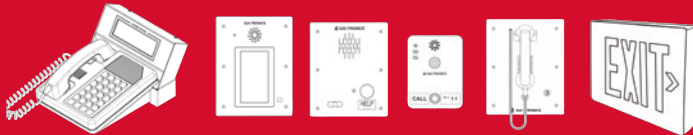
Control room for video monitoring, access control, communication system monitoring, IP Alarm Generator System, Audio/Video, access for emergency and immediate assistance

Operations/Control Room
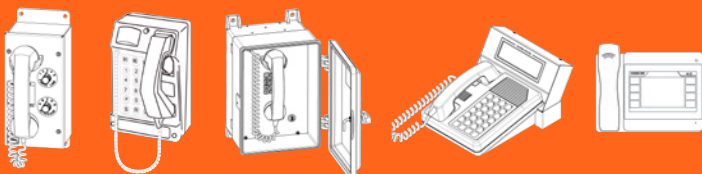
- Generator Rooms
- Turbine Decks
- Fuel Depots
- Electrical Maintenance Shops

COOLING TOWERS

GATE ENTRY

SECURITY
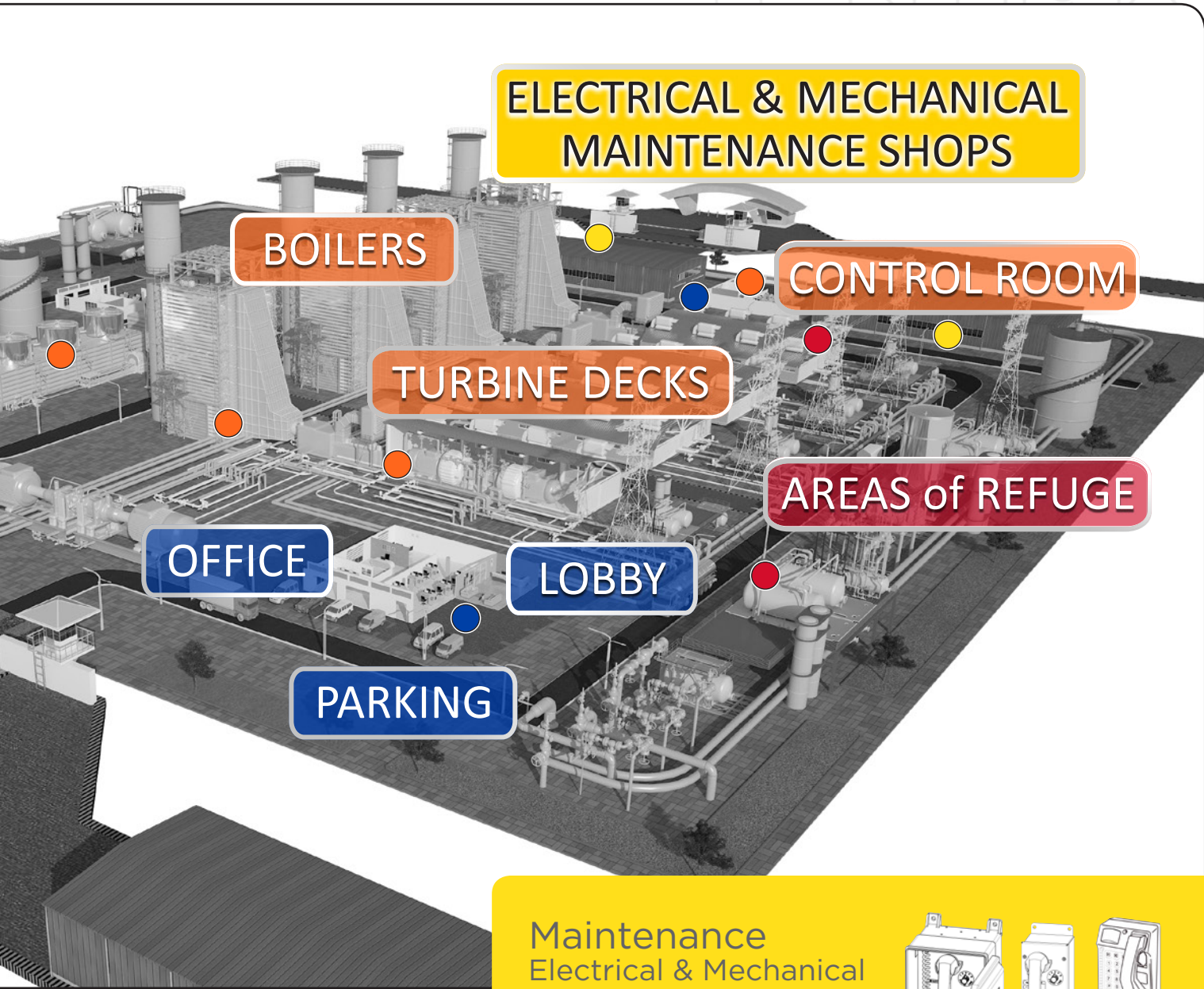
ELECTRICAL & MECHANICAL MAINTENANCE SHOPS
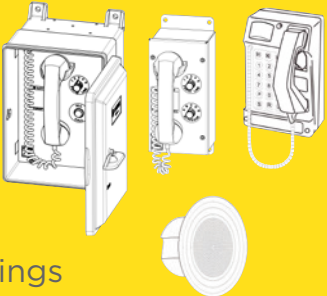
BOILERS

CONTROL ROOM

TURBINE DECKS

AREAS of REFUGE

OFFICE

LOBBY

PARKING

Maintenance
Electrical & Mechanical

Communicate via hands-free or handset phones and intercom & paging stations to other buildings

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

ADVANCE/SmartSeries™

Microprocessor-based system with SmartLink Technology

- Station ID
- Configurable Priority Page
- Emergency Party Line (EPL)
- SmartVolume™
- Station Off-Hook Detection
- Page and Off-Hook Duration Limitation
- Off-Hook Duration Limit
- Self-Diagnostics

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

COMBINED CYCLE POWER PLANT

A new combined-cycle power plant in North America that is currently being constructed plans to install several IP-based systems; Closed Circuit Television (CCTV), a perimeter detection system, an access control and an integration server. The customer was also interested in sourcing an IP-based paging and intercom system. Our GAI-TRONICS Manufacturer Representative and project integrator added value to the project by choosing HUBBCOM™ IP Devices not only because they filled the need for IP-based paging and intercom, but because the devices are able to integrate with and display the status of the other systems that are being installed, providing a turnkey solution. The integration is facilitated via HUBBCOM's™ web portal access feature. The portal points to a web page that allows for monitoring and control of the other systems.

SOLUTION

For the first phase of this application, the plant will be installing and utilizing forty-four GAI-TRONICS HUBBCOM™ IP devices along with two SP2 industrial intercom devices for hazardous locations. In the future, the plant is planning for GAI-TRONICS' HUBBCOM™ stations to be utilized for communication with a separate power plant that currently operates using analog paging equipment. The GAI-TRONICS SP2 Page/Party® Bridge allows seamless integration between analog Page/Party® and new IP-based paging and intercom.

PRODUCTS

SP2 Paging/Intercom Stations
SP2 Page/Party® Bridge
HUBBCOM™ IP Devices

HUBBCOM™ IP DEVICES
Multi-function IP endpoint.

Models
- GSC1100 Desktop/Wall-mount with handset*
- GSC2100 Desktop/Wall-mount hands-free*
- GSC3100 Flush-mount with handset*
- GSC4100 Flush-mount hands-free*
- GRC600 Remote Unit

* Options Available

Power Generation | Communication Solutions | GAI-TRONICS

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

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