

Some of our installations



- Valero Benicia – **Benicia, CA**
- US Coast Guard – **Gulf Coast, LA**
- Shell Puget Sound Refinery – **Memphis, TN**
- BP Louisiana Gulf – **Port Fourchon, LA**
- U.S. Coast Guard – Fast Response Cutters
- United States Naval ships
- Tug boats in Louisiana and Virginia
- Offshore residences



About the Mircom®

Founded in 1991, Mircom is a global designer, manufacturer and distributor of Intelligent Building Solutions. Reaching customers in over 100 countries worldwide, Mircom's portfolio includes: fire detection & alarm, communications & security, mass notification, nurse call, and building automation & smart technologies. Mircom's vision is to make buildings worldwide safer, smarter, and more livable.

Our global network of dedicated Sales and Service Offices, known as Mircom Engineered Systems, allows us to be a full solution provider. Through Mircom ES, we're able to provide and fully service our line-up of innovative and advanced solutions which are scalable to satisfy diverse user demands, from small & mid-size buildings to the world's most complex applications.

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MARINE & OFFSHORE



Protecting The Most Hazardous Environments

Mircom manufactures a complete range of advanced UL/ULC/FM listed fire detection and alarm systems that are ideal for any new or retrofit marine and off-shore application.



PRO-2000 Series

Designed with safety and reliability in mind, Mircom's PRO-2000 X2 panels are microprocessor-based fire alarm control units, suitable for small to medium fire detection and suppression applications. Larger applications can be covered using additional panels in a master/slave network configuration.

Fully compliant with NFPA 72, USCG, and MIL Standard requirement, the PRO-2000 continuously monitors addressable gas, flame, smoke and thermal sensors for alarm signals, open and/or short circuit conditions and malfunctions through a reliable and proven digital communication link.

The PRO-2000 affords end-users and operators continuous operation through protection against single-point-failure mode, and a self-diagnostic feature minimizes trouble shooting problems and makes system integration an easy and simple process.

Applications:

- Liquid Propane Gas plants
- Aircraft hangars
- Power plants
- Tank farms
- Offshore platforms
- Offshore residences
- Naval & marine vessels
- Chemical plants
- Refineries
- Oil Rig
- Military applications
- Agent releasing

Approvals & Standards

- | | |
|-------------------------------|--------|
| • EMI MIL-STD-461 | • ULC |
| • Shock Vibration MIL-STD-901 | • ABS |
| • UL 864 rev.9 | • USCG |
| | • CCG |

FA-300 Series

Designed for both new and retrofit applications, Mircom's FA-300 Series is a powerful Fire Alarm Control Panel that serves small to medium commercial, institutional and industrial occupancies. The intelligent system is a Digital Signal Processor (DSP)-based fire panel, which seeks to protect occupancies through modes of control, fire detection, signaling and annunciation.

Mircom's FA-300 Series fire alarm control panels consist of eight and twelve zone models which are equipped with an LED display and an integrated UDACT/Digital Communicator on select models. The FA-300 Series family also includes remote LED and LCD annunciators, as well as remote relay modules.

All of the FA-300 Series panels are equipped with a 5 Amp power supply, 4-wire resettable smoke power supply (300mA max), an interface for a Remote Trouble Indicator (RTI) and an RS-485 interface for remote LCD annunciators, LED annunciators and Remote Relay modules.



Programming Capability

- Front panel (using CFG-300 configuration tool) and PC programmable
- Remote upload/download capabilities
- Configurable audible signals for Steady, Temporal Code, California Code and March Time
- Easy access to history logs, with 200 event alarm log and 200 event log for other events

Seamless Integration

- Can be configured as Class "A" (Style "Z") or Class "B" (Style B) indicating circuits
- Amp Power Supply

Applications:

- Small coast guard vessels
- Tug boats
- Intracoastal waterway vessels
- Portable housing containers for offshore residences

Approvals & Standards

- UL
- ULC
- USCG



For more information on these or other products visit www.mircom.com

Programming Capability

- Centralized and/or distributed MODBUS Interface for Distributed Control System (DCS) and/or Emergency Shutdown System (ESS)
- Control of safety mimic matrix for fire & gas devices
- Electrical isolation for loop circuits and serial interface lines
- Hardwire capability for critical Emergency Shutdown System (ESS) signals and functions

Seamless Integration

- Analog addressable fire detection devices – thermal, smoke and manual call points
- Addressable flame and gas sensors – IR, UV, explosion proof and toxic gas sensors
- RS-485 communication with MODBUS protocol replaces the traditional 4-20 mA and provides two-way communication
- Extensive diagnostic capabilities simplify maintenance and calibration of gas transmitters