The most powerful, feature-rich platform for 24V commercial fire, burglary or combination burglary/fire, supporting up to 255 zones using robust line of fire and burglary devices in hardwire, wireless, conventional & addressable technologies.

**GEM-C Firewolf Series 24V Commercial Intelligent Analog Addressable Fire Panels, NFPA72-compliant**, 96 outputs, 4 onboard NACs (6.5A total), expandable to 24, built in Sync/Strobe/Horn Module (System Sensor & Wheelock) and dual line DACT plus optional TCP/IP reporting. Powerful battery capacity up to 32Ah total. More addressable devices than any in its class; mile-long loop lengths and more device load each. Cost-effective retrofits - supports conventional legacy devices & existing wiring (all types/gauges). Comprehensive local and remote programming & diagnostics. Printable AHJ reports of analog device sensitivity settings with current readings (uploadable).

- More zones/points – up to 255
- More power – 7 amps
- More NACs - 4 on board (expandable to 24)
- Onboard strobe/horn sync
- More standby power
- 32 Amp hour battery capacity
- Regulated 24V output

**GEMC Firewolf Conventional Fire Kits Also Available** ideal for workflow applications and expandable small systems

**Firewolf Advanced Analog Addressable Commercial Fire Devices** support auto-drift compensation and maintenance alert function

**UL Commercial Grade Gemini Wireless Devices** with supervised tamper & automatic, continuously supervised signal strength (requires no manual test activation).

**Firewolf Menu-Driven Custom Alpha Annunciators** Same familiar Napco EZ-programming and usage. (Keyswitch support, too.) Customizable Quick-Start Preset Program & Auto-Learn of SLC Devices.


**GEMC Addressable Burglary-Only Kits Also Available** in 96, 128 or 255 point configurations

**StarLink Fire Universal Sole & Dual Path Cellular & IP LTE Communicators** StarLink Fire Universal Sole & Dual Path Fire Cellular &/or IP LTE Communicators Work with virtually any 12V-24V FACP. Connected by Verizon® LTE Network or AT&T® LTE Network, for secure, fast reporting on Nation’s fastest, most cyber-protected multibillion dollar networks. Panel Powered Technology™ (powered by panel), Patented Signal Boost & Dual Diversity Antennae™ for maximum signal acquisition and null avoidance, receiving signals simultaneously on both antennae. Models meet or exceed today’s codes, UL864 and NFPA72, etc

**FireLink™ Integrated Fire Alarm Control Panel w/ StarLink Fire LTE Built In** Firewolf 8 Zone 24V Conventional Commercial Fire Alarm Control Panel with onboard StarLink Fire® Sole Path, Verizon LTE Cellular Alarm Communicator and integral menu-driven LCD annunciator, w/ 4amp, 24V power supply. Optionally expandable up to 32 points/zones via commercial addressable, wireless or conventional fire devices (2 onboard NACs providing up to 4A notification power). Locking, mercantile red enclosure (surface or flush mount) removable 16”x17” door with 14.25”x16” base. Houses 16Ah battery backup

**NAC Extender** provides nearly (reference SLE-Series communicators) 7A and 4 onboard NACs with up to 2A ea; up to 24V 16Ah total battery capacity. Easily distributes synced bell and strobe outputs with built in module. Supervised and bus-activated with no separate modules or programming required.

**Compliances** - NFPA 72, UL Commercial Fire, UL864, UL985, CSFM and NYC Fire Department Certifications.
**Easy Wire Compatibility** - SLC controller supports shielded, unshielded, twisted and untwisted wire - ideal for retrofits.

**Napco Commercial Platform Systems Simultaneously Support All-New UL Commercial Firework Fire and Gemini Burglar Devices in Hardwire, Wireless and Addressable Technologies**

- Longer SLC loop lengths, support more device load each, too (see below for distance at maximum device load in alarm/standby each)
  - 10,000 ft. #14AWG
  - 6,200 ft. #16AWG
  - 4,000 ft. #18AWG

- Support for Legacy and Existing Notification Appliances - One NAC output configurable for 12V for easy retrofit compatibility
  - UL Regulated NAC outputs

- Automatic drift compensation for system’s analog smoke detectors

- Separate 7A NAC Extender - (4) NAC’s, may be installed anywhere on the 4-wire bus.
  - Provides universal FACP support.

- Keypads mount anywhere on the bus and have flash-able firmware – for updates via Quickloader

- Smoke Obscuration Report - Quickloader device sensitivity report allows the printout of a report for the AHJ listing the current status of all analog smoke detectors in the system including the programmed obscuration level for each device and the actual sensitivity reading for each device. Report is generated in 3 ways - either remotely (uploaded) or locally through notebook PC or use optional onsite printer.

- Isolated backup battery circuits for Burglary and Fire for EZ backup calculation and AHJ compliance; allows dealer to accommodate separate backup times for burg and fire. This allows burg system to drop out after burg battery depletion, while fire system is maintained and extremely stable for extended period.

- Full line of UL Commercial Devices for more flexibility & labor-savings Example, Use Gemini Commercial Wireless 2-input module (GEMC-WL-WD2) to convert any UL listed device into a UL wireless device, ideal for sprinkler supervisors or for use with pull stations (mounts on top of wall/conduit or in deep single-gang box (plastic).

**Firework Fire-Only 24V Intelligent Addressable Fire Configuration, NFPA72**

- Main Control board - supports (1) Addressable Fire SLC controller
- Fire 4-wire bus for keypads and conventional devices
- Power Supply 7A and 4A
- RS-232 Printer Module
- Fire Keypad with Gemini-style Menu-functionality
- Dual Phone Line built in; Synch module built in (System Sensor & Wheelock protocols)

**NAC Extender - Powerful flexibility**

- Nearly 7Amps power
- 4 onboard NACs with up to 2A ea., expandable for up to 24 per system
- Up to 16Ah total battery capacity
- Regulated 24V Aux. power
- Distributes synced bell and strobe outputs with built-in module
- Monitors AC, battery trouble, tamper and ground fault on Napco bus - or- provides universal FACP support.

**Gemini-C Intrusion-Only Configuration, Commercial Conventional/Addressable 255-Zone Burglary System**

- Supports full line of new Gemini Commercial-rated addressable conventional, or wireless devices simultaneously
- 8 to 255 fully-configurable zones, with up to 8 partitions
- Familiar Napco Quickloader up/downloading and keypad operation
- 32Ah, max. battery capacity

**Agencies**

NFPA 72, UL Commercial Fire, UL684, SIA/CP01, UL985. UL household & commercial burg.: UL1610, UL090, UL365, UL1023. CFM.

**FireLink™ Integrated Fire Alarm Control Panel w/ StarLink Fire LTE Built In**

**FL-FACP-LTEVS Firework 8 Zone 24V Commercial Conventional Fire Alarm Control Panel with onboard Starlink Fire® Sole Path, Verizon LTE Cellular Alarm Communicator and integral menu-driven LCD annunciator, w/ 4amp, 24V power supply. Optionally expandable up to 32 points/zones via commercial addressable, wireless or conventional fire devices (2 onboard NACs providing up to 4A notification power). Locking, mercantile red enclosure (surface or flush mount) removable 16”x17” door with 14.25”x16” base. Houses 16Ah battery backup.


**Systane**

- Main Control board supports up to (2) Addressable SLCS (Signaling Line Circuit controllers).
- Fire Addressable SLC Loop Controller
- Burg Addressable SLC Loop Controller
- Fire 4-wire bus for keypads and conventional devices

**Burglary Control Module**

- Provides Isolated Burg 4-wire bus for keypads and conventional devices
- Provides independent Burg battery connection and charger
- Provides 12V power
- Independent Burg Bell output

**Power Supply includes either 4A or 7A @ 24V**

- Integrates with NAPCO ACM – Access Control Modules
- RS-232 Printer Module for optional onsite parallel printer

**Supports a maximum of 15 Keypads, mounted anywhere on the bus, fire GEMC-FK1 or burg. GEMC-BK1. (7 fire keypads, max. Or, as few as 1 fire keypad required on fire system or equipment savings.)**

- Addressable SLC Loop Isolator (optional use - for some fire applications requiring increased circuit integrity)
- Dual Phone Line built in
- 2 Onboard Serial Ports - One for internet reporting; One for high-speed local downloading
- TCP/IP Internet reporting module
- Regulated Auxiliary Power Supplies - Commercial Burglary or fire, 12V regulated 2A or 1.75A version with plug in transformer

**Choice of two panel enclosures - Between the studs enclosure, recess or surface mount.**

- Larger version, with reversible door, supports up to 32Ah at 24V. Dimensions: 24” x 14.25” x 5.2” (H x W x D) without cover. Removable battery shelves, accommodate pairs of 7Ah, 7.5Ah and 8Ah batts. Etc. Smaller Enclosure – supports 16Ah at 24V. Dimensions: 16” x 14.25” x 5.2” (H x W x D) without cover, (16Ah battery backup capacity).

**INPUTS**

**Up to 255 Zones. Points/Zones can come from any of the following initiating devices (in up to 8 partitionable areas):**

- Addressable SLC Loop (Burg or Fire) - supports up to (2) 126 point loops
- Commercial RF Receiver –
- Supports Commercial Wireless Fire devices
  - Wireless Smoke Detector
  - Wireless Heat Detector

**Supports Commercial Wireless Burglary devices**

- Wireless PIR Sensor
- Wireless Dual Technology Sensor
- Wireless Glass break sensor
- Wireless 2-Point Window/Door Transmitter

**Conventional 1- to 4-zone EZM Expansion modules on the 4-wire burg or fire bus or SLC loops**

- Conventional 2-wire or 4-wire smoke detector input module
- Addressable SLC Fire Devices Supported:
  - Analog Smoke Detector
  - Heat Detector
  - Duct Detector
  - Pull Station
  - Conventional Zone Module
  - Short Circuit Isolator
  - Addressable SLC Burg Devices Supported:
  - 1 Zone Burg Input Module
  - 4 Zone Burg Input modules
  - PIR Motion Sensor
  - Dual Tech Microwave/PIR Sensor

**OUTPUTS**

**Up to 96 outputs**

- Four on board Class B or 2 Class A NAC circuits, 2 amps each, total 6.5 amps at 24V
- Built in Wheelock and System Sensor NAC sync/strobe/born protocol allows initial silence of audible appliances while maintaining visual notification, without the use of additional modules.

- Addressable SLC Fire Devices: Supervised relay, unsupervised relay
- Addressable SLC Burg Devices: unsupervised relay
- Burg/Fire 4-wire bus devices: 8 zone form C relay (GEMC-RM3008), 8 open collector output (GEMC-OUT8)

**Napco Commercial Platform Advantages**

- Easy Wire Compatibility - SLC controller supports shielded, unshielded, twisted and untwisted wire - ideal for retrofits
### COMMON PERIPHERALS – FOR COMMERCIAL FIRE AND/OR BURGLARY SYSTEMS

**BURGLARY PERipherals**

- **GEMC-12V2APS** - 12VDC Power Supply for Burg. System
- **GEMC-12V2APS-R** - 12VDC Power Supply for Burg. System, backup supplied, with built in bus isolator
- **GEMC-BM** - Burglary Module with 12V power supply, provides isolated 4-wire bus burg. devices. Up to 2 connect to GEM-C panel.
- **GEMC-BM** - Burglary Module with 255 Points via commercial addressable, wireless or conventional fire devices, 4 on board NACs providing up to 6.5A notification power.
- **GEMC-BM** - Burglary Module with 96 Points via commercial addressable, wireless or conventional fire devices, 2 on board NACs providing up to 4A notification power.
- **GEMC-BM** - Burglary Module with 128 Points via commercial addressable, wireless or conventional fire devices, 4 on board NACs providing up to 6.5A notification power.
- **GEMC-BM** - Burglary Module with 128 Points via commercial addressable, wireless or conventional fire devices, 4 on board NACs providing up to 6.5A notification power.
- **GEMC-BM** - Burglary Module with 256 Points via commercial addressable, wireless or conventional fire devices, 4 on board NACs providing up to 6.5A notification power.

**FIRE PERipherals**

- **GEMC-WL** - Gemini Wireless 255 Point RF Receiver (up to 4 per system, max.)
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### OPTIONS

- **GEMC-ACM1D** - Access Control Module (with power supply, provision for back up battery, in enclosure, plug-in transformer, 1 door kit)
- **GEMC-ACM1D** - Access Control Module (with power supply, provision for back up battery, in enclosure, plug-in transformer, 1 door kit)
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### NAPCO COMMERCIAL GEMINI-C & FIREWOLF SERIES SYSTEM ORDERING INFORMATION

- **Napco Commercial, Gemini, Starlink and FireWolf are trademarks of Napco Security Technologies. Wheelock, System Sensor, UL, etc. are trademarks of their respective cos.**