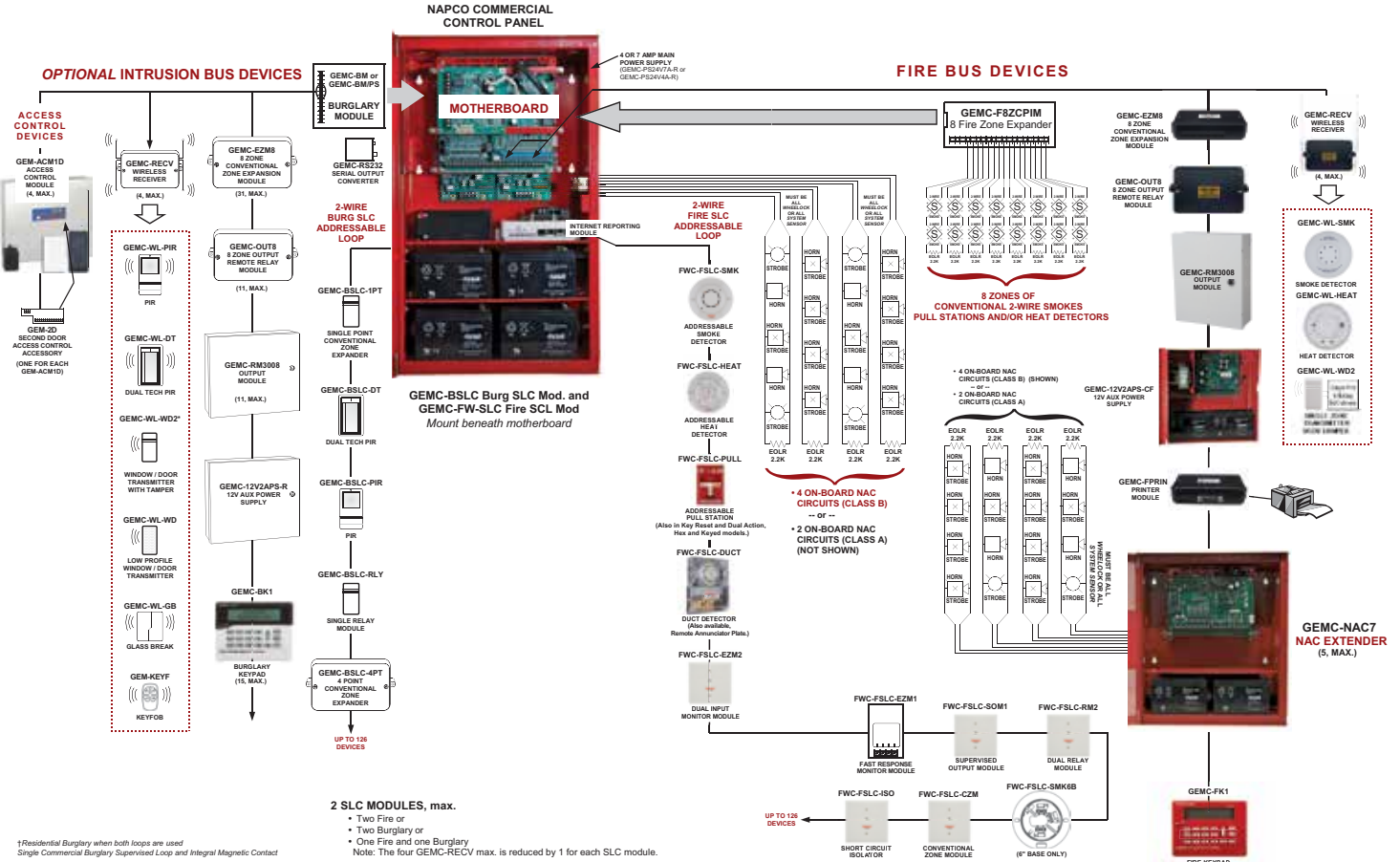















NAPCO COMMERCIAL FIREWOLF SYSTEM & AVAILABLE COMPONENTS

Platform supports traditional, addressable, wireless or conventional fire &/or intrusion devices.



NAPCO's Commercial Intrusion Components integrate seamlessly as an Optional part of FIREWOLF Systems

 <p>GEMC-BM/PS Security Module with 12V power supply; isolates the 4 wire bus for keypad and addressable security devices. Provide independent burg output, battery charger and power</p>	 <p>GEMC-BK1 LCD Intrusion Operations Keypad</p>	 <p>GEMC-RLY Addressable single output relay Form "C"</p>
 <p>GEMC-BM Intrusion Module; provides the 4 wire addressable loop for keypads and addressable devices (limited power for devices)</p>	 <p>GEMC-BSLC-4PT Addressable input module 4 input points</p>	 <p>GEMC-WL-PIR Wireless PIR 50x50'</p>
 <p>GEMC-BSLC provides the addressable loop for addressable intrusion devices</p>	 <p>GEMC-BSLC-1PT Addressable input module 4 input points</p>	 <p>GEMC-WL-GB Wireless Glassbreak sensor 25'</p>
	 <p>GEMC-BSLC-DT Commercial Dual Technology 40x40' Microwave/PIR addressable sensor</p>	 <p>GEMC-WL-DT Wireless Dual tech Microwave/PIT 40x40'</p>
	 <p>GEMC-BSLC-PIR Addressable 50x50' PIR</p>	 <p>GEMC-12V2APS-R Intrusion Remote Supervised 12VDC Power Supply. Connects to Burg Bus, powered by supplied 16.5V, 50VA plug-in transformer, supports (2) 12V, 7AH standby batteries.</p>

Platform Compliances: NFPA 72, UL Commercial Fire, UL864 9th Ed., SIA CP01, UL985, NYCFD, CSFM (fire). UL household & commercial burg.: UL1610, UL609, UL365, UL1023.



NAPCO Security Systems, 333 Bayview Ave., Amityville, NY 11701 USA • 1-800-645-9445 • 1-631-842-9400 • 1-631-789-9292 fax • www.napcosecurity.com • NASDAQ:NSSC 2013.4 A619

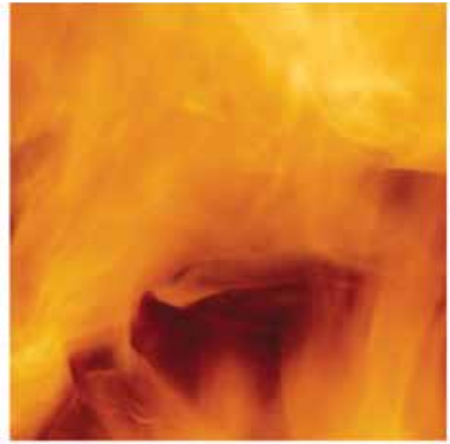
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FIREWOLF™

**Napco Commercial
Firewolf Systems:
Easy to Standardize On.**



**ANALOG
ADDRESSABLE
CONVENTIONAL
ALARM ZONING
UL COMMERCIAL
WIRELESS**

**Flexible &
Scalable for
All Applications.**




**From Houses of Worship to Strip Malls & Schools
From Apartment Complexes to High Rise Buildings
From Sprinkler System Monitoring to
High-Rise Evacuation**

Firewolf Series, Part of the Napco Commercial Platform


Firewolf Series 24V Addressable, Conventional & Wireless Fire Systems provide up to 255 intelligent points from a wide line of 24V, 12V & UL Commercial Wireless input/output devices. Ideal for new systems as well as legacy 12V retrofits &/or upgrades, Firewolf Systems support the longest runs of all wire types, as well. With more flexibility and value on-board, these scalable, systems include Built in Horn/ Strobe Sync, Dual DACT (with TCP/IP option); 4 programmable NACs (expandable up to 24); plus 7A power on board & 32Ah backup. Quick AHJ/ Smoke Obscuration reports are downloadable remotely or printable to an onsite printer.


New, Improved Fire Features help technicians make quick work of getting the fire system up and online, properly & reliably:

 **Quick-Start** provides faster menu-driven programming and increased laptop-to-FACP download speeds, new with Napco Quickloader Panel Software, v6.3 and higher.

Quick-Start consists of fire-only features and comes with a standard fire alarm preset program that can be used as a default foundation to build on and/or quickly customize.

Know how many of each type of device and just want a quick easy program? The QuickLoader 6.3 software allows you the ability to just put in the quantity of each type of device and the program will auto insert them into your file, all preprogrammed and ready to go mapping all inputs to all outputs. New QuickLoader now color co-ordinates the type of device you are programming red/blue, eliminating and accidental programming a features to wrong device type

 **Auto-Learn** enables the system to discover and identify the devices on the SLC loop and preload a description for each in the applicable program setup fields, example, "smoke detector", listing the quantity of modules, sensors and relays for each SLC module installed.

 **Fast Track Diagnostics** Once the fire system is complete, Quickloader will run a comprehensive Error-Check /Troubleshooting review of all devices, zones and compounding variables as programmed. However, Fire-Intelligent Quickloader will now triage them, distinguishing system-critical errors, in need of immediate resolution, from less crucial issues, termed 'warnings', which merit later review, but still enable the system program check to be completed, so the system can be put online at the installation without unnecessary delay. QuickLoader system battery and voltage drop calculations have also been enhanced.

Firewolf Devices and System Configurations, powerfully flexible by design:

They meet or exceed industry compliances, including NFPA72, UL864, NYCFD & CSFM, etc, and can also use any Napco Commercial™ Platform devices, including addressable, conventional and wireless intrusion and/or access-control options:



FIREWOLF 255 Zone Capacity Mother Board Commercial Fire ONLY Alarm Panel Kit, includes

- Large 14 x 25" Mercantile Grade Red Enclosure
- GEMC-PS24V7A-R 7Amp, 24V Power Supply
- GEMC-FW-SLC 128 Point Addressable Fire SLC Module (one included in kit)
- GEMC-FK1 Red LCD Fire Keypad



FIREWOLF 128 Zone Capacity Mother Board Commercial Fire ONLY Alarm Panel Kit, includes

- Large 14 x 25" Mercantile Grade Red Enclosure
- GEMC-PS24V7A-R 7Amp, 24V Power Supply
- GEMC-BSLC 128 Point Addressable Fire SLC Module, Burg Module
- GEMC-FK1 Red LCD Fire Keypad



FIREWOLF 32 Zone Capacity Mother Board Commercial Fire Alarm Panel Kit, includes

- Small 14 x 16" Mercantile Grade Red Enclosure
- GEMC-PS24V4A-R 4Amp, 24V Power Supply
- GEMC-FW-SLC 32 Point Addressable Fire SLC Module
- GEMC-FK1 Red LCD Fire Keypad



FIREWOLF 32 Zone Capacity Mother Board Conventional Commercial Fire Alarm Panel Kit includes

- Small 14 x 16" Mercantile Grade Red Enclosure
- GEMC-PS24V4A-R 4Amp, 24V Power Supply
- GEMC-F8ZCPIM Conventional (8) zone 2-wire fire input module.
- GEMC-FK1 Red LCD Fire Keypad

GEMC-24VR Fire system add on 24V Regulator power supply, required if using FWC-FSLC-DUCT or FWC-FSLC-CZM



GEMC-12V2APS-CF FIRE Remote Supervised 12VDC Power Supply. Connects to Fire Bus, powered by direct 120VAC connection, supports (2) 12V, 7AH standby batteries.

GEMC-NAC7S Remote NAC Extender.

Provides (4) NAC Outputs for a combined output rating of 6.5A, or a max of 2A on any one output. Includes red enclosure (14"x16"), must be direct connected to 120VAC source, supports max of 14AH standby batteries ((2) pair 12V,7AH batteries). Connects to GEM-C Fire Bus and is fully supervised. Any or all NAC outputs may be configured as remote power supply outputs. Supports Wheellock and System Sensor NAC synchronization. Maximum of (5) GEMC-NAC7S modules may be added to GEM-C control panel allowing for a maximum of 20 additional NAC circuits. May also be used universally as NAC extender on any UL approved FACP; provides input triggers and trouble outputs.



ADD-ON ACCESS CONTROL OPTIONS

Napco Commercial Platform Controls allow for integration of Fire, Intrusion (see back page) and Access Control in a single control:

GEM-ACM-1D Access Control Module (with power supply, provision for back up battery, enclosure, plug in transformer—Single (1) door

GEM-2D Access Control Add on 2-Door plug in PCB for expansion of GEM-ACM1D above.

Addressable Alarms



FWC-FSLC-SMK Addressable Analog Photoelectric Smoke Detector head



FWC-FSLC-HEAT Addressable Analog Heat Detector head (135—184 Degree)



FWC-FSLC-SMK6 6" Addressable smoke or Heat detector mounting base



FWC-FSLC-DUCT Addressable Analog Duct Type Photoelectric Smoke Detector



FWC-FSCL-DUCTRA LED & Key Switch Duct Detector Remote Indicator Test switch, Single Gang Plate

Addressable Manual Pull Stations



FWC-FSLC-PULL Addressable Manual Pulls Station—Single Action with hex key reset/alarm



FWC-FSLC-PULL2 Addressable Manual Pulls Station—Dual Action with hex key reset/alarm



FWC-FSLC-PULLK Addressable Manual Pulls Station—Single Action with key reset/alarm



FWC-FSLC-PULL2K Addressable Manual Pulls Station—Dual Action with key reset/alarm

Addressable Input Modules



FWC-FSLC-EZM1 Single dry contact alarm input monitor module



FWC-FSLC-EZM2 Dual Input Monitor Module mounts to 4" square mounting



FWC-FSLC-CZM Single Input Monitor Module mounts to 4" square



FWC-FSLC-RM2 Relay Module 2 form "C" relay module (4" square mounting)



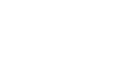
FWC-FSLC-SOM1 Supervised Output Module, provides a single supervised Relay (elevator recall, HVAC shut down, supervised NAC trigger)



GEMC-RM3008 Eight (8) Form "C" Relay Output Module for FACP.



GEMC-RS232 RS232 Serial Output adapter for FACP



GEMC-OUT8 Eight (8) Open collector PGM output Module

Miscellaneous



GEMC-KF1 Surface-mount LCD Operator Interface Annunciator



FWC-FLSC-ISO Isolator Module, isolates SLC loop for short circuits



GEMC-FPRINT Parallel Printer Interface Module



GEMC-FW-SLC Analog Addressable Fire Alarm Signal Line Circuit Card (127 addresses)



GEMC-NL-MOD Network IP Communications Module

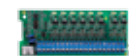


FWC-FSLC-PROG2 Service tool for programming addresses into addressable modules and sensors.

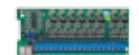


FN-CTN City Tie Connection Module

Conventional Zone Modules



GEMC-EZM8PIM Eight Zone Conventional Interface Board, Mounts directly to Main Mother Board



GEMC-EZM8 Eight (8) point Conventional zone input module

Fire Alarm Commercial Wireless



GEMC-REC 255 point Commercial Wireless Receiver Module (4 per system)



GEMC-WL-SMK Wireless Photoelectric Smoke Detector



GEMC-WL-Heat Wireless Heat detector 135 Degrees



GEMC-WL-WD2 Dual (2) Input Transmitter



Flexible for applications large & small:

- Stores & Shoppes
- Restaurants
- Office Suites
- Schools, Colleges, Universities
- Condo/Coop/Apartment Buildings
- Healthcare & Hospitals
- Court & Government Campuses