

NAPCO Integration

CA3NAP1 Gemini Alarm Panel Interface

The Continental Instruments/NAPCO Integration solution provides seamless integration with the CA3000 V2.0 & higher software and the NAPCO Gemini series of alarm panels. By combining the power of the Continental Instruments CA3000 Access Control System and the NAPCO state-of-the-art Gemini 3200, 9600 or X255 Alarm panels, the user can combine all of their alarm events into one, easy-to-use, CardAccess GUI (Graphical User Interface).

Events:

NAPCO alarms are routed by priority directly to the CA3000 Event/Pending Alert screen in real-time. No more off-site central station monitoring delays receiving notification when there is an emergency condition at the location. The CA3000 can also send email or pager notification of the alert.**

Arming & Disarming:

The Continental/NAPCO Integration provides the user the ability to program a CA3000 cardholder, or cardholders, to arm or disarm a Napco alarm area/areas. Any of the access control reader technologies (biometric, proximity, magstripe, etc..) available to the CA3000 system can be utilized to perform this function. There is also a built-in manual control interface for arming or disarming with a click of the mouse. The CA3000 can notify the user at the reader level whether a Napco area is ready for arming, armed or disarmed.**

Communication:

The Continental/NAPCO Integration gives you several choices of communication protocol between the Napco panels and the CA3000 software. For short distances, a RS-232 communication kit is available. This provides a direct-connect connection from the PC to the Napco panel. For longer distances, or for multiple Napco panel installations, a NetLink TCP/IP protocol adapter is available. The NetLink option provides added flexibility since the panel can be installed anywhere there is a network connection. This can be in the next room or the next town.



Feature	Description
Gemini Alarm Panels	The CA3000 communicates with the Gemini 3200,9600 & X255. (Firmware specific)
Alarm Panel Communications Options	The CA3000 communicates with the NAPCO panels over RS-232 or TCP/IP. (Additional hardware may be required)
Central Station Capability	Alarms come directly into the CA3000 GUI for central station-like monitoring capability.
Cardholder Control	Cardholders can be setup to arm or disarm the NAPCO panel or area at any CA3000 access reader.
Bi-directional Control	CA3000 can trigger relays in the NAPCO panel and vice-versa.
Advanced Scripting	Wizard-driven interface that allows programming of more powerful Links
NAPCO Event-to-DVR Integration	Trigger DVR recording upon any NAPCO alarm. Watch video for any NAPCO panel event.
Emergency Override	CA3000 has complete manual override capability to arm or disarm NAPCO panels.
Unlimited Panels	There is no preset limit to the amount of NAPCO panels the CA3000 can communicate with.
Audit Trail**	Track alarm panel arm & disarm activity by user/cardholder.
Panel Status**	The CA3000 can give visual control for panel ready/arm-disarm status at the reader level

*The NAPCO alarm panel interface is available as an add-on option for CA3000 V2.0 or higher. **Some advanced features require CA3000 V2.5.



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Additional Functionality*

Linking:

All NAPCO alarm panel events can be used as triggers for advanced functionality built into the CA3000 program. The user has the power to create a *link* within the CardAccess program to use an event from the NAPCO panel to trigger one, or many, outputs on any Continental panel on the system.

Scripting:

The user also has the ability to create an advanced *script* within the CardAccess Scripting service to trigger additional functionality within CardAccess program using a NAPCO alarm event.

Feedback:

The CA3000 can be setup to give a visual indication, by way of relay control, of the status of the NAPCO panel is at a reader level.

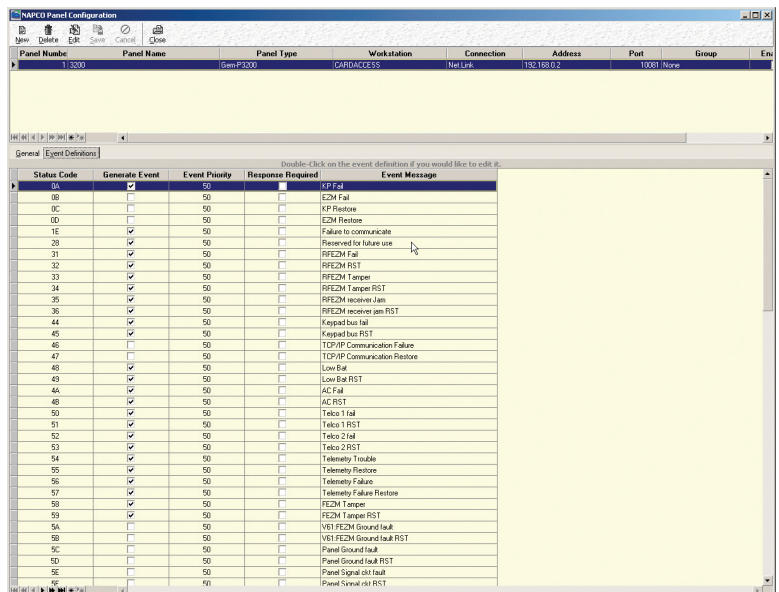
DVR Integration:

Continental Instruments has taken integration to the next level by combining two separate interfaces into one. The CA3000 has direct integration between the DVR and NAPCO panel interfaces. This allows the user to trigger DVR recording on any NAPCO panel event. It also allows video association and retrieval for any NAPCO panel event.

*Please contact CI for detailed information. Some features require advanced training & programming.

NAPCO Gemini Panel	NAPCO Keypad Model	Min. Keypad Version	Min Panel Firmware Version
Gem-X255	RP1CAe2	V 8C	4A
Gem-X255	K1CA	V 8C	4A
Gem-P9600/3200	RP1CAe2	V 8C	40B
Gem-P9600/3200	K1CA	V 8C	40B
Gem-P9600/3200	RP2ASe2	V 6D	40B
Gem-P9600/3200	K2AS	V 6D	40B
Gem-P9600/3200	RP3DGTL	V 2E	40B
Gem-P9600/3200	K3DGTL	V 2E	40B
Gem-P9600/3200	RP4	V1C	40B
Gem-P9600/3200	K4	V1C	40B
Gem-P9600/3200	K4RF	V1C	40B

The CA3000/Napco Interface requires the latest panel firmware be installed. Please use the chart above as a reference to determine panel compatibility.



The screenshot shows the 'NAPCO Panel Configuration' window. It contains a table with columns: Status Code, Generate Event, Event Priority, Response Required, and Event Message. The table lists various events such as E2M Fail, KP Restore, E2M Restore, Failure to communicate, Reserved for future use, RF2M Fail, RF2M RST, RF2M Tamper, RF2M Tamper RST, RF2M Receiver Jam, RF2M Receiver Jam RST, Keypad bus fail, Keypad bus RST, TCP/IP Communication Failure, TCP/IP Communication Restore, Low Bat, Low Bat RST, AC Fail, AC RST, Telco 1 fail, Telco 1 RST, Telco 2 fail, Telco 2 RST, Telemetry Trouble, Telemetry Restore, Telemetry Failure, Telemetry Failure Restore, FE2M Tamper, FE2M Tamper RST, VBI FE2M Ground fault, VBI FE2M Ground fault RST, Panel Ground fault, Panel Ground fault RST, Panel Signal out fault, and Panel Signal out RST.

For more information, please contact your local sales representative or contact Continental Instruments at (800) 645-9445.

