

## Overview

CardAccess4k is an access control suite by Continental Access, a NAPCO Security Technologies company. This document will briefly explain how CardAccess4k integrates with the ExacqVision VMS.

**Note:** This guide is **not** a comprehensive installation or configuration manual for CardAccess4k.

### Minimum Software version requirements

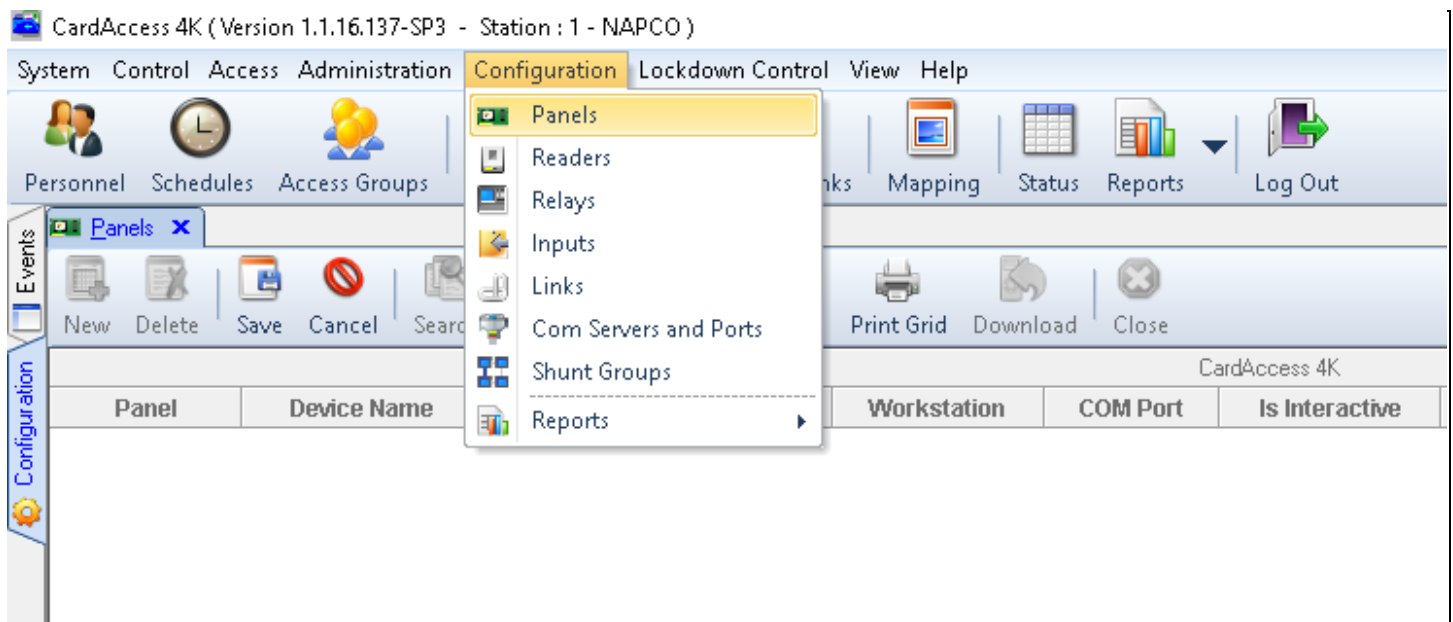
- CardAccess4k version 1.1.16.137 or later
- ExacqVision Server & Client version 21.12 or later

For best performance, the ExacqVision server and CardAccess4k server/workstation should reside on separate systems, not locally. Please refer to CardAccess4k System Requirements documentation for more detail on system specifications.

This document assumes your exacqVision Server is correctly installed, licensed, and configured. If you need assistance with this, please contact [Exacq Support](#).

## Installation

1. Install the CardAccess4k Server and Workstation software on the desired system locations.  
Refer to the Installation documentation found in the "Installation Documents" folder with your installation files.
2. Add your access control panel to CardAccess4k.



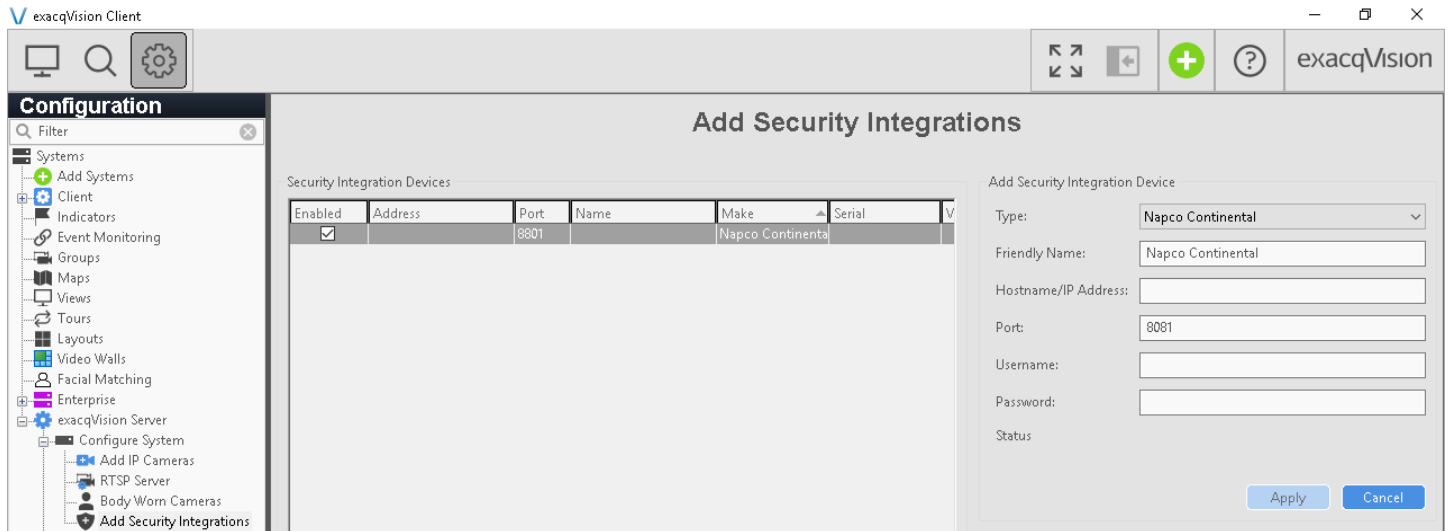
3. Configure your desired readers, doors, inputs, etc, for the panel. The **CA4KQSProgGuide.pdf** in your */Program Files (x86)/CardAccess4k/Documentation/* folder has a section on programming a panel.

For assistance with CardAccess4k installation and configuration, please contact [Continental Access Support](#).

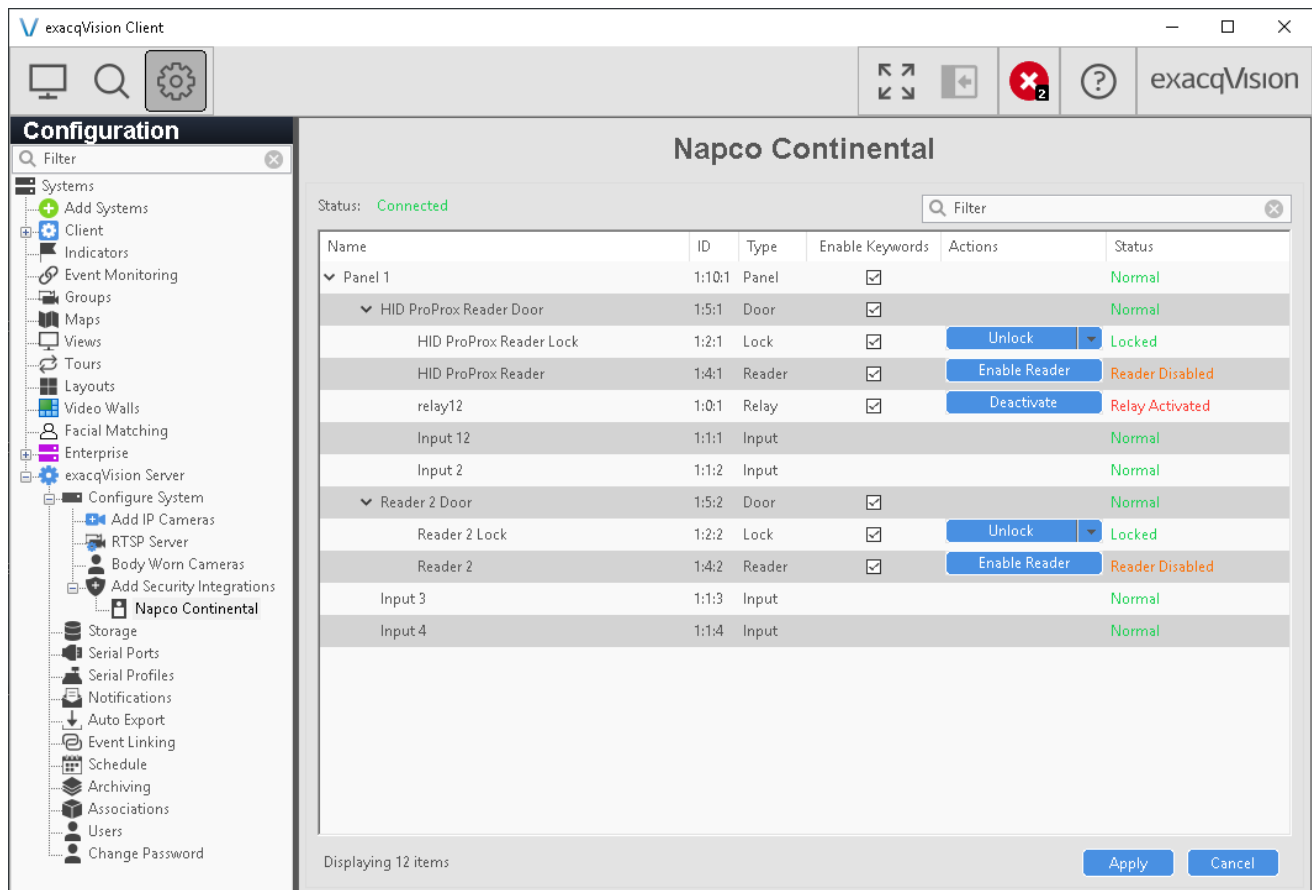
## Connection to exacqVision

Now it is time to add the control panel to ExacqVision.

1. In the ExacqVision client, go the Security Integrations page. Select Napco Continental from the drop-down box.



2. Input the hostname or IP address of the CardAccess4k Server. (not the IP of the individual panel)
3. Add the username and password for CardAccess4k Server and click Apply. When the Panel connects, you will see your configured elements in the exacqVision interface.



## Searchable Events

Any status change of the elements of your panel, including from outside of the exacqVision client, will be available in our search page for later review.

The screenshot displays the exacqVision Client interface. On the left, the 'Search Cameras' panel shows a tree view of the system hierarchy: 'exacqVision Server' > 'Napco Continental' > 'HID ProProx Reader Lock' > 'Reader 2 Lock' > 'HID ProProx Reader' > 'Reader 2' > 'relay 12'. The main area shows 'No Camera' with a large red 'X' icon. On the right, the 'Keywords' panel displays a list of events with columns for Time, Source, Key, and Value. Below this, the 'Search Range' panel shows filters for Start Time (09:52 AM) and End Time (02:52 PM). The bottom timeline view shows a sequence of events for the selected cameras, with a yellow vertical line indicating the current time (12:00:32).

Time	Source	Key	Value
1/26/2022 12:00:19 PM	HID ProProx Reader	eventtype	reader disabled
1/26/2022 12:00:19 PM	Reader 2	eventtype	reader disabled
1/26/2022 12:00:19 PM	Reader 2 Lock	eventtype	locked
1/26/2022 12:00:19 PM	relay12	eventtype	relay activated
1/26/2022 12:01:19 PM	HID ProProx Reader	eventtype	reader enabled
1/26/2022 12:01:19 PM	Reader 2	eventtype	reader enabled
1/26/2022 12:01:19 PM	Reader 2 Lock	eventtype	unlocked
1/26/2022 12:01:19 PM	relay12	eventtype	relay deactivated
1/26/2022 12:07:36 PM	HID ProProx Reader	eventtype	reader disabled
1/26/2022 12:07:36 PM	Reader 2	eventtype	reader disabled
1/26/2022 12:07:36 PM	Reader 2 Lock	eventtype	locked
1/26/2022 12:07:36 PM	relay12	eventtype	relay activated
1/26/2022 2:27:37 PM	HID ProProx Reader	eventtype	reader enabled
1/26/2022 2:27:37 PM	Reader 2	eventtype	reader enabled
1/26/2022 2:27:37 PM	Reader 2 Lock	eventtype	unlocked
1/26/2022 2:29:18 PM	Reader 2 Lock	eventtype	locked
1/26/2022 2:29:23 PM	relay12	eventtype	relay deactivated
1/26/2022 2:29:33 PM	HID ProProx Reader	eventtype	reader disabled
1/26/2022 2:29:33 PM	Reader 2	eventtype	reader disabled
1/26/2022 2:29:33 PM	relay12	eventtype	relay activated

## Event Linking

In the exacqVision client, navigate to the Event Linking tab. Here you can create actions based on events from the integrated control panel. One example might be a camera being set to record when a specific door is unlocked.

The screenshot shows the 'exacqVision Client' window with the 'Event Linking' tab selected. The left sidebar contains a tree view of the system configuration, with 'Event Linking' highlighted under the 'exacqVision Server' section. The main area displays a table of 'Server Actions' and a configuration panel for a selected event.

Log	Event Type	Event Source	At Least	Action Type	Action Target	Pre Trigger	Post Trigger	Status
<input checked="" type="checkbox"/>	Security In...	Reader 2 Lock	Immediate	Record Video	P3346	4	4	Off
<input checked="" type="checkbox"/>	Security In...	Reader 2 Door	Immediate	Log Event	N/A	0	0	Off

The configuration panel for the selected event shows the following settings:

- Event Type:** Security Integration Alert
- Event Source:** Reader 2 Lock
- Action Type:** Record Video
- Action Target:** P3346
- Pre Trigger:** 4 Seconds
- Post Trigger:** 4 Seconds
- Log Settings:** Maximum Days to Keep Logged Events: 30

Buttons at the bottom include 'New', 'Delete', 'Apply', and 'Cancel'.

## Associations

You can then use these event links, along with the other elements of the panel to create *Associations*. These become clickable indicators overlayed on a camera view. This allows control of panel elements and actions without navigating away from your live camera view.

**Associations**

Display Options

- Position: **Bottom**
- Color: **Black**
- Opacity: **50%**
- Display Type: ☒ Always ☐ Auto-hide
- Display Labels: ☐
- Font: **Arial**
- Font Size: **10**
- Text Color: **Yellow**
- Effects: **Bold**

**Available Controls**

- Toggle Digital PTZ
- Auto Focus
- exacqReplay Menu
- Napco Continental**
- Nick's panel
  - HID ProProx Reader Door
  - HID ProProx Reader Lock
  - HID ProProx Reader
  - relay12
  - Input 12
  - Input 2
  - Reader 2 Door
  - Reader 2 Lock
  - Reader 2
  - Input 3
  - Input 4
- Event Linking

**Associated Controls**

Button Style	Control	Timeout (sec)	Shortcuts
Sustained	Reader 2 Lock	0	Manage...
Momentary	Input 2	0	Manage...
Sustained	HID ProProx Reader	0	Manage...

Buttons: Add, Remove, Apply, Cancel, Apply To

## One Final Note

To ensure continuous communication between the CardAccess4k system and the ExacqVision server, the CardAccess4K must be running. The CA4K client defaults to auto logoff after 10 minutes, disrupting this communication. Disabling the auto logoff allows the client to run continuously. (Check the box you see circled below in green.)

System Control Access Administration Configuration Lockdown Control View Help

Personnel Schedules Access Groups Doors Relays Links Activity Links Mapping Status Reports Log Out

Operators

New Delete Save Cancel Search Refresh Export Grid to Excel Print Grid Setup Privileges Setup Partition Groups Close

Screen Name	First Name	Last Name	AckTimeout	Last Edit
admin	admin	admin	10	12/20/2007 10:20:10 AM

Operator Management

General Personal Event Viewing

Login Information

Login Name: admin

Password:

Confirm Password:

Logoff Time: 10 Minute(s)

Auto Ack Time: 10 Second(s)

Change/Invalidate Password

Privilege Role: CA4K Administration

Last Change: 12/20/2007 10:20 AM Count: 1

Manual Control Privilege

- ☐ Privilege 1
- ☐ Privilege 2
- ☐ Privilege 3
- ☐ Privilege 4
- ☐ Privilege 5
- ☐ Privilege 6
- ☐ Privilege 7
- ☐ Privilege 8

☒ Enabled

☒ Administrator

☒ Disable Auto Logoff

To change Password: Invalidate the password and enter new password at next login. Only administrator users are allowed to Setup Roles and Partitions.

Pending Alerts

## Contact info and Support

**Continental Access Support** (Technical Support, Customer Service, Sales, and more)

<https://cicaccess.com/resources/support/>

**Exacq Support** (Technical Support, Training tools, and more)

<https://exacq.com/support/>