

Overview

## Net2 APN-1191-AE

# Integrating Net2 with cameras on NVR/DVR systems

Net2 allows the integration of cameras which will provide digital images associated with Net2 events. This means that when security operators want to see what has caused an alarm or access event, they simply double-click on an event and view the video images.



## Software configuration

The camera software must be installed, configured and running on the camera server before you can configure the option on Net2. While some Camera brands need additional software to integrate with Net2, many are already integrated into Net2 Access Control.

Once the camera software (if needed) is installed, go into the Options menu on Net2 and select Camera integration.



#### Click the Add button.

| 🏷 Options   |  |                          |                                 |                                  |   |                        |   |
|---|--|--------------------------|---------------------------------|----------------------------------|---|------------------------|---|
| <u>G</u> eneral <u>D</u> ep<br>Custo <u>m</u> days<br>Add a camera s<br>clicking the 'Add | artments Door<br>Camera integra<br>erver by<br>d'button. | groups   R<br>ion   Land | eport groups<br>llord Tenant pe | Field <u>n</u> ames<br>rmissions | ] <u>I</u> oken typ<br><u>A</u> ctivation ] | bes   Toke<br>Security | en data <u>f</u> ormat:<br>Net2 Online<br>Add<br>Delete |
| - Connection de   | etails   |                          |                                 |                                  |   |                        | Rename  |

Now select the operator of choice from the list and enter a 'friendly' name for the server.

| Add a camera    | 🖳 Add a camera se                  | rver                     |                  | ×      | Add    |
|-----------------|------------------------------------|--------------------------|------------------|--------|--------|
|                 | 1) Please select the ty            | be of camera server that | you wish to add. |        | Delete |
| - Connection de | Dedicated Micros N<br>Exaco Vision | etVu                     |                  |        | Rename |
| Host name       | IC Realtime<br>JVC VR-N900U        |                          |                  | ā      |        |
| User name       | OnSSI<br>Pelco<br>Pelco Endura     |                          |                  |        |        |
| Password        | Vista Navigator                    |                          |                  |        |        |
| Cameras         |                                    |                          |                  |        |        |
| Camera ID       | 2) Please enter a friend           | lly name for this server |                  | -      |        |
|                 |                                    |                          |                  |        |        |
|                 |                                    |                          | OK               | Cancel |        |
|                 |                                    |                          | Delete H         | ename  | Detect |

The server location and login credentials for the camera server should now be added. These settings only need to be configured on the Net2 server. All Clients (Workstations) will access this information through the server.

| Options  |   | Enter the Host name. This will be the URL or IP |
|--|---|---|
| General Des  | partments Door groups Report groups Field names                     | Address of the DVR/NVR (digital video recorder/ |
| Landord Tenant permissio                             | ns Card grinting Activation Multizone Intruder integration Security | network video recorder) server vou can also     |
| Town Aber  | Contra Contra Contra Independent                                    | include a part number if this is required       |
| Add a camera server by<br>clicking the 'Add' button. | JVC VR-NS00U Add  | include a port number il this is required.      |
|  | Delete  |   |
|  | Rename  | Enter a username and password associated with   |
| Connection details                                   |   | a user account within the video management      |
| Host name  | (e.g. 192.168.0.100) 10.80.10.82 Port 22609                         | a user account within the video management      |
| User name  | Support   | software.                                       |
| Password   |   |   |
| Cameras  |   | Then click Detect.                              |
| Camera ID  | Name  |   |
| 1704448  | WH Inventory  |   |
| 3474432  | WH Overview   | Net2 will automatically add all the active      |
| 1114624  | Training Boot   | cameras The cameras can be renamed if           |
| 3474944  | Lobha Camera SSE  | Carrieras. The carrieras carrier tenamed in     |
|  | Delete Rename Detect  | required.                                       |
|  |   |   |
|  |   |   |
|  |   |   |
|  |   |   |
| ck Apply, the  | en UK/ to finish.   |   |
|  |   |   |
|  |   |   |

## Doors

Any door that is to be associated with a camera now needs to be configured.

Click on the Door in the tree view and select the Camera Integration tab.

Place a tick against the camera to be associated with this door and Apply. Multiple cameras can be selected from the list.

| Net2 Access Control  Net2 Access Control  Second Se | Front Door<br>ACU serial number: 00982490<br>Door name<br>Door open time (seconds)<br>Unlock the door during  | Front Door          7   | Apply     Cancel     Open door     Identity |
|--|---|---|---|
| Meeting Room<br>Store Room<br>Areas<br>Anti-passback<br>Tiggers and Actions<br>Carreas<br>Carreas<br>Carreas<br>Rol cal<br>Rol cal<br>Rel cal<br>Rel cal<br>Rel cal<br>Rel cal<br>Rel cal<br>Rel cal<br>Rel cal<br>Rel cal   | Reader 1   Reader 2   Alam  <br>Please select the carnetas that m<br>Carneta name<br>M Car park shutter<br>Main gate<br>Roof Gutter<br>Side 1<br>Side 2<br>Side 3 | Events Fire alarm inputs Intruder Alarm Access righ Camera integration  rohor this door  Camera server Camera type  Exacq Vision Exacq Vision Exacq Vision Exacq Vision Exacq Vision Exacq Vision |   |
| Net2 details  Front Door Net2 documentation  |   | System engineer   | Winer                                       |
|  |   |   |   |
|  |   |   |   |



## Events

Doors that have been associated with a camera show an additional icon beside the event.

Double-clicking the icon displays the stored video images showing the event taking place.



The level of control available within the viewing screen depends on the supplier. Most vendors will allow you to control video from the popup, so as to see images leading up to the event.

Vendor specific documentation can be found at the following links:

AN1108-AE - Integrating Net2 with Pelco software - <u>paxton.info/4320</u> Integrating Net2 with Exacq Vision software - <u>paxton.info/4045</u> Integrating Net2 with Milestone software - <u>paxton.info/4046</u> Hikvision video integration software patch and instructions - <u>ftp://Hik\_Paxton:Paxton\_Hik@ftp.hikvision.com</u>