

## Overview

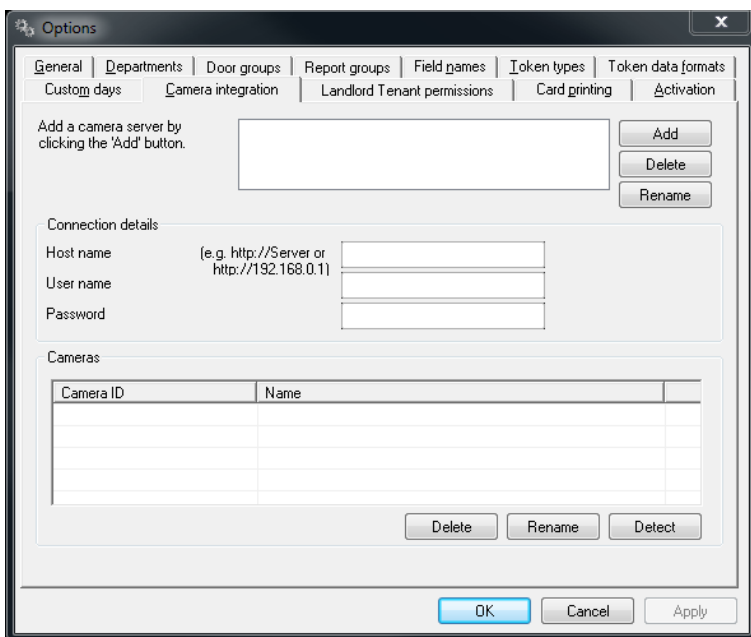
Net2 is an access control system providing users with a User Interface to manage and control access within a building. Currently the system allows for several integrated DVR/NVR providers selected from a predefined list.

Users are able to quickly select the preferred manufacturer; supply authentication credentials, access connected cameras and then associate these to door events within the building.

From there it is possible to go back through the event archive to retrieve camera footage that relates to an event.

## Operation

Within the options menu of Net2, select Camera Integration; this will display a form to input the relevant manufacturer and details.

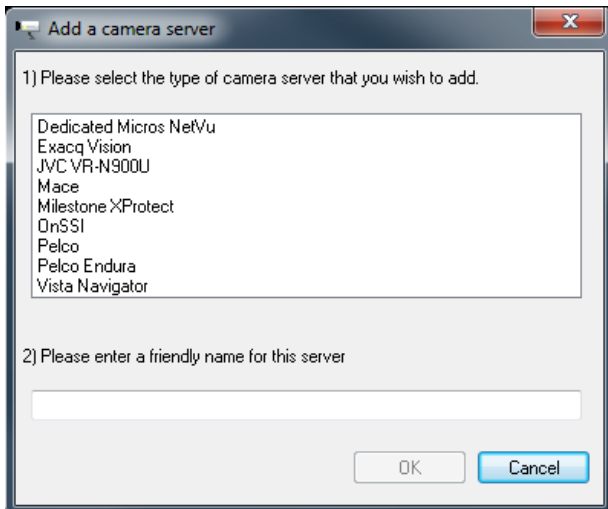


The screenshot shows the 'Options' dialog box with the 'Camera integration' tab selected. The dialog has a title bar with a gear icon and a close button. Below the title bar are several tabs: General, Departments, Door groups, Report groups, Field names, Token types, Token data formats, Custom days, Camera integration (selected), Landlord Tenant permissions, Card printing, and Activation. The main content area is divided into three sections:

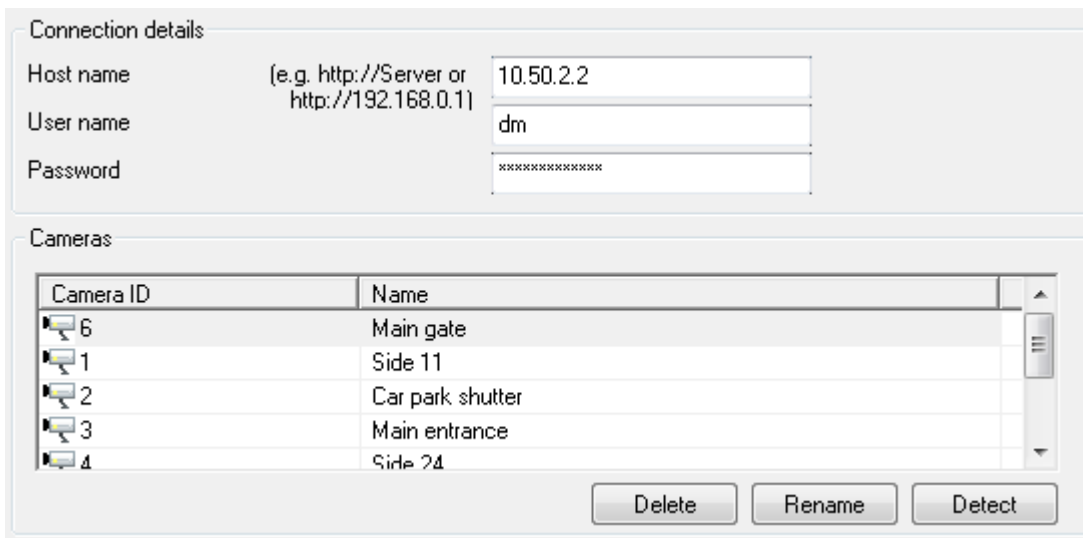
- Add a camera server by clicking the 'Add' button.** This section contains a large empty text box and three buttons: 'Add', 'Delete', and 'Rename'.
- Connection details:** This section contains three input fields: 'Host name' (with a hint: 'e.g. http://Server or http://192.168.0.11'), 'User name', and 'Password'.
- Cameras:** This section contains a table with two columns: 'Camera ID' and 'Name'. The table is currently empty. Below the table are three buttons: 'Delete', 'Rename', and 'Detect'.

At the bottom of the dialog are three buttons: 'OK', 'Cancel', and 'Apply'.

Clicking the Add button displays a list of current providers and the ability to enter a friendly name for the server



Connection details are entered for authentication and connected cameras are retrieved via the detect button. These can be renamed if required.



This generates and populates a camera integration tab in the door settings page that allows for camera and door association

Camera name	Camera server	Camera type
<input type="checkbox"/> [Car Park Entrance] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Car Park Exit] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Car Park Front 1] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Car Park Rear] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Development 1] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Development 2] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Development 3] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Development 4] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Development 5] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Development 7] Camera 1	Milestone XProtect	Milestone XProtect
<input type="checkbox"/> [Downstairs Canteen] Camera 1	Milestone XProtect	Milestone XProtect

## Integration via VIP

The VIP (Video Integration platform) allows integrators to have their brand of DVR/NVR display alongside the native list of manufacturers shown above.

Methods exposed include:

- Detect server
- Authentication of server
- Request connected camera names
- Request camera or cameras still image @ Timestamp
- Request playback @ Timestamp (Forward/Reverse/Fast forward/Fast reverse)

## Installation

The integration should be provided with an executable installer to place the library files in the correct directory of Net2 to display the integration within the camera integrations menu. See VIP help files for more information.

For more details see our forum [here](#) or email [integration@paxton.co.uk](mailto:integration@paxton.co.uk)