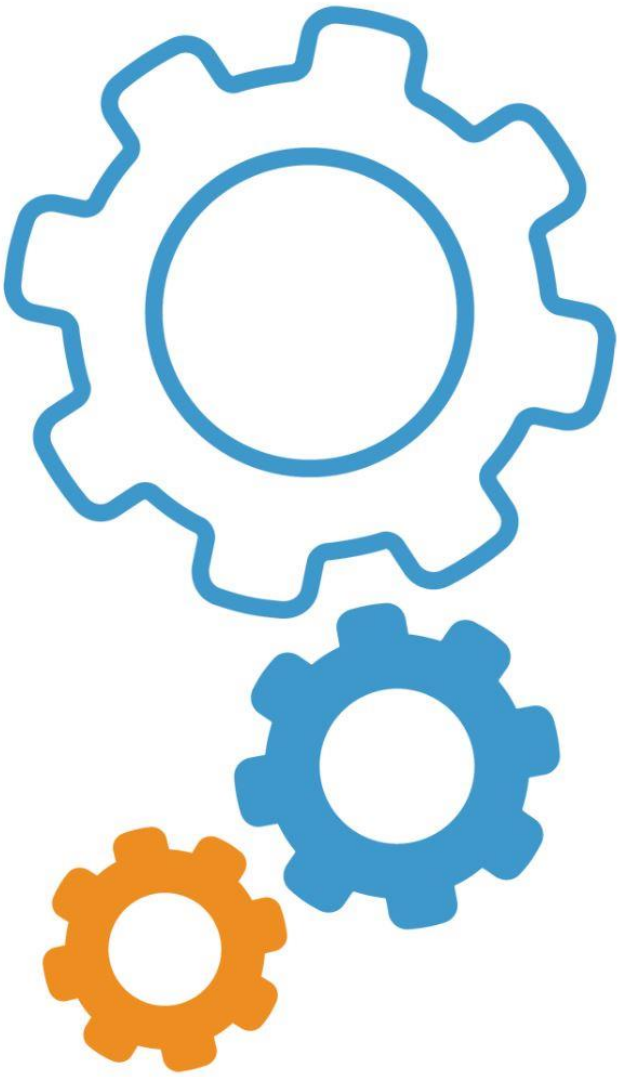
BOSTON | DUBAI | HONG KONG | LONDON | NEW YORK

13 Christopher Street
London
EC2A 2BS

designautomator.com

Tel: +44 (0) 207 060 7242



RESTRICTED

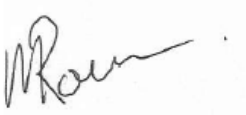
DOCUMENT TITLE
Camera configuration for import to Milestone XProtect

DOCUMENT REFERENCE NUMBER
AUTO-50124-22006-a

DOCUMENT DATE
14/03/2019

1 DOCUMENT CONTROL

1.1 Document Control Reference

ORIGINATOR	CHECKED	APPROVED FOR ISSUE
Signature 	Signature 	Signature 
Name Simon Clark	Name Patrick Biggin	Name Mark Rowan
Position Technical Support	Position Associate Director	Position Director
Date 14/03/2019	Date 14/03/2019	Date 14/03/2019

1.2 Document Issue / Revision Record

VERSION	DESCRIPTION OF AMENDMENT	DATE	NOTES	ORIGINATOR	CHECKED
A		14/03/2019		SC	PB

2 TABLE OF CONTENTS

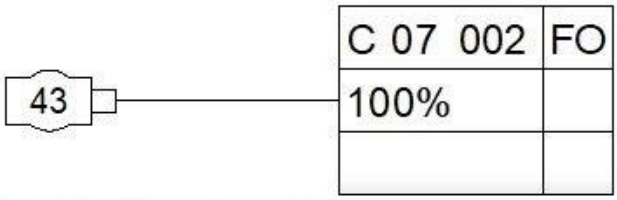
3 OVERVIEW

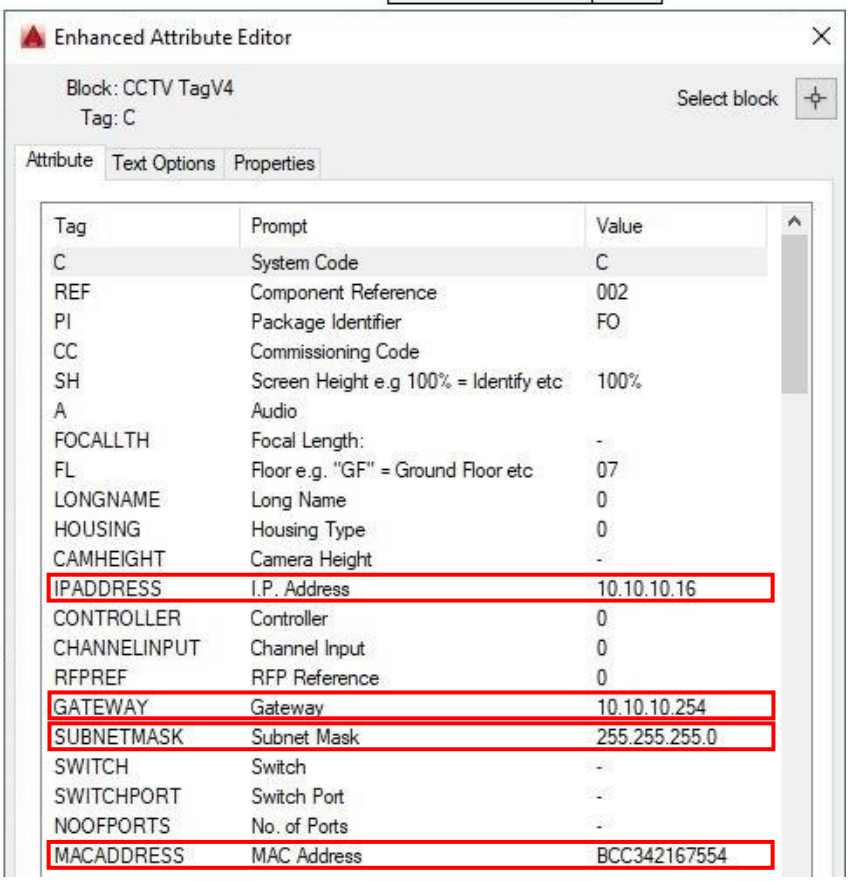
This document describes the process on how to configure and add a cameras to a Milestone XProtect system.

4 PROCESS

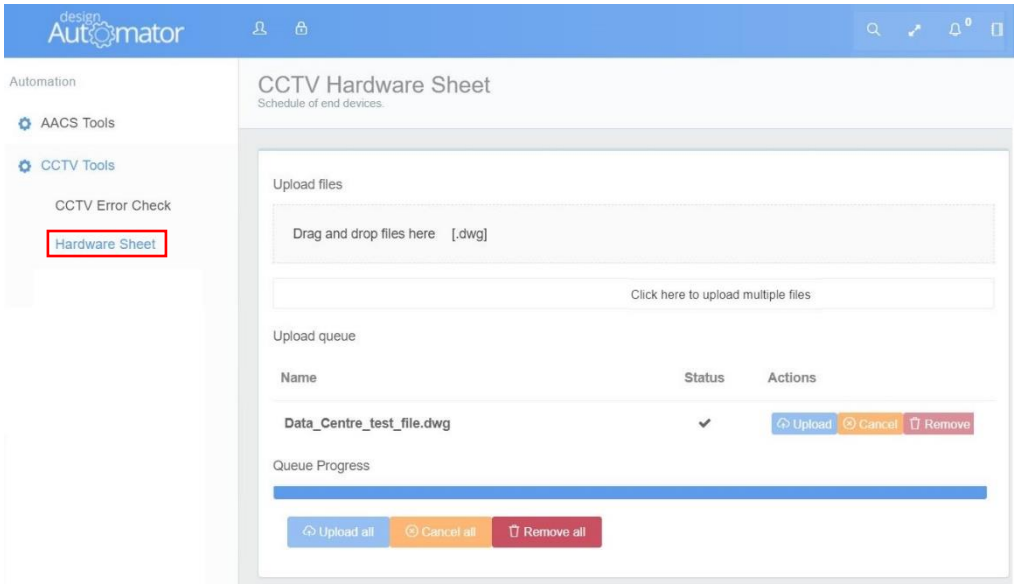
1. A primary requirement is access to a **Milestone Corporate 250** Design Automator Commissioning Sheet. This may be derived from a Hardware Sheet by submitting a '*Design Automator ready*' CAD (.dwg) file populated with the required camera configuration.

   Throughout this document camera 002 will be used as an example. Take note of specific camera details such as IP address, Gateway, Subnet Mask and MAC Address in the camera block shown below.

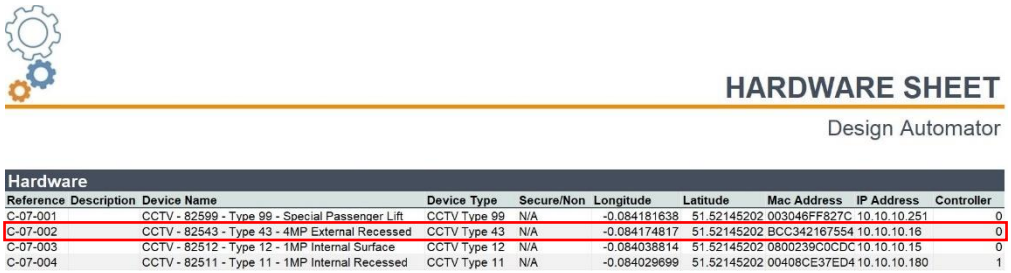




2. Run the **Hardware Sheet** function in **CCTV Tools** in the Automation section. Upload the CAD drawing then click **Process** to execute.



The resultant Hardware Sheet will look similar to the screen shot below.



HARDWARE SHEET

Design Automator

Hardware

Reference	Description	Device Name	Device Type	Secure/Non	Longitude	Latitude	Mac Address	IP Address	Controller
C-07-001		CCTV - 82599 - Type 99 - Special Passenger Lift	CCTV Type 99	N/A	-0.084181638	51.52145202	003046FF827C	10.10.10.251	0
C-07-002		CCTV - 82543 - Type 43 - 4MP External Recessed	CCTV Type 43	N/A	-0.084174817	51.52145202	BCC342167554	10.10.10.16	0
C-07-003		CCTV - 82512 - Type 12 - 1MP Internal Surface	CCTV Type 12	N/A	-0.084038814	51.52145202	0800239C0CDC	10.10.10.15	0
C-07-004		CCTV - 82511 - Type 11 - 1MP Internal Recessed	CCTV Type 11	N/A	-0.084029699	51.52145202	00408CE37ED4	10.10.10.180	1

Expanding for clarity…

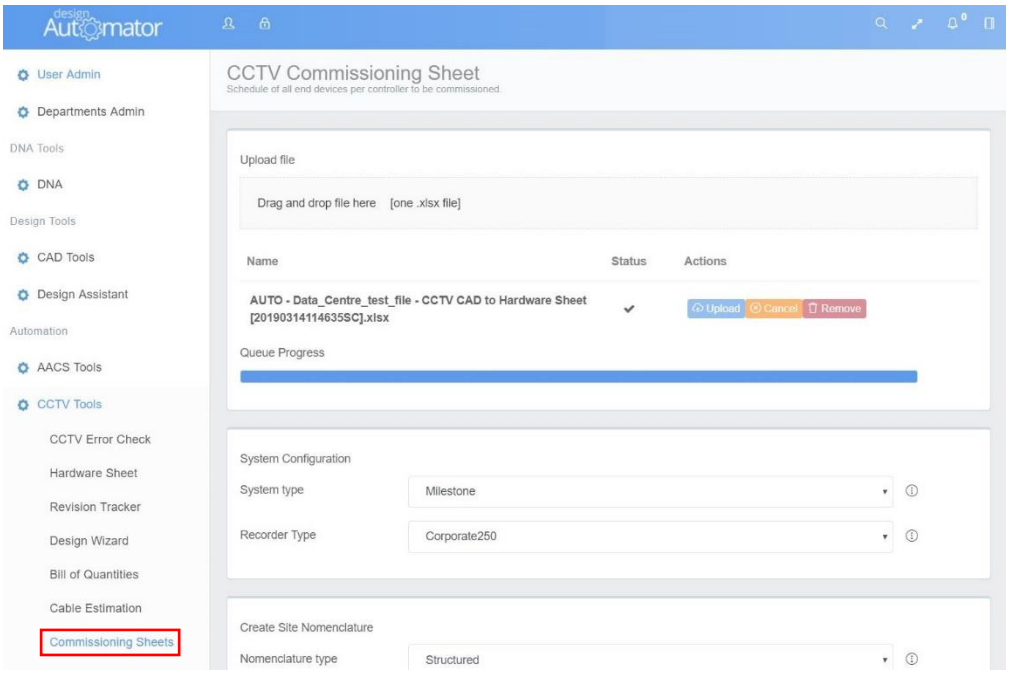
Hardware

Reference	Description	Device Name	Device Type
C-07-001		CCTV - 82599 - Type 99 - Special Passenger Lift	CCTV Type 99
C-07-002		CCTV - 82543 - Type 43 - 4MP External Recessed	CCTV Type 43
C-07-003		CCTV - 82512 - Type 12 - 1MP Internal Surface	CCTV Type 12
C-07-004		CCTV - 82511 - Type 11 - 1MP Internal Recessed	CCTV Type 11

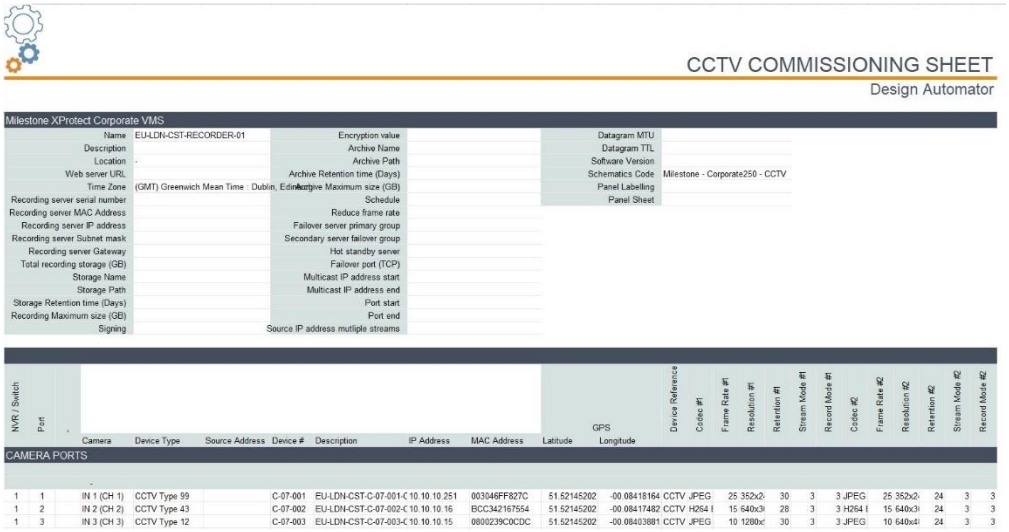
Secure/Non	Longitude	Latitude	Mac Address	IP Address	Controller
N/A	-0.084181638	51.52145202	003046FF827C	10.10.10.251	0
N/A	-0.084174817	51.52145202	BCC342167554	10.10.10.16	0
N/A	-0.084038814	51.52145202	0800239C0CDC	10.10.10.15	0
N/A	-0.084029699	51.52145202	00408CE37ED4	10.10.10.180	1

3. Generate one or more Commissioning Sheet by submitting the Hardware Sheet previously generated by executing the **Commissioning Sheets** function in **CCTV Tools** within the Automation section of the menu.

   Ensure the *System type* is set to **Milestone** and **Corporate 250** is selected for the *Recorder Type*.



Examining a Commissioning Sheet exposes elements of camera configuration.



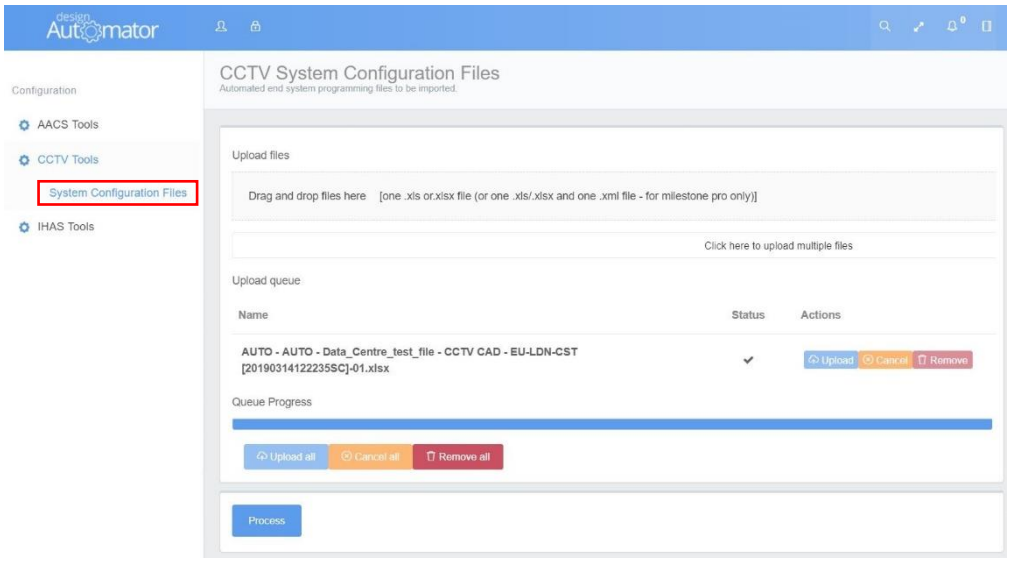
The following screen shot shows Camera Port information in greater detail. Key elements for camera 002 are highlighted red. These values are populated from the related fields in the client DNA. If required these fields in the Commissioning Sheet may be manually edited before passing on to the Configuration Files function.

CAMERA PORTS

NVR / Switch	Port	Camera	Device Type	Source Address	Device #	Description	IP Address	MAC Address
1	1	IN 1 (CH 1)	CCTV Type 99		C-07-001	EU-LDN-CST-C-07-001-CAM	10.10.10.251	003046FF827C
1	2	IN 2 (CH 2)	CCTV Type 43		C-07-002	EU-LDN-CST-C-07-002-CAM	10.10.10.16	BCC342167554
1	3	IN 3 (CH 3)	CCTV Type 12		C-07-003	EU-LDN-CST-C-07-003-CAM	10.10.10.15	0800239C0CDC

Latitude	GPS Longitude	Device Reference	Codec #1	Frame Rate #1	Resolution #1	Retention #1	Stream Mode #1	Record Mode #1	Codec #2	Frame Rate #2	Resolution #2	Retention #2	Stream Mode #2	Record Mode #2
51.52145202	-00.08418164	CCTV	JPEG	25	352x240	30	3	3	JPEG	25	352x240	24	3	3
51.52145202	-00.08417482	CCTV	H264 Baseline Profile	15	640x360	28	3	3	H264 Baseline	15	640x360	24	3	3
51.52145202	-00.08403881	CCTV	JPEG	10	1280x960	30	3	3	JPEG	10	640x480	24	3	3

4. Click **System Configuration Files** in **CCTV Tools** within the Configuration section.



Upload one or more of the Commissioning Sheets then click **Process** to run the function.

On completion the function will generate a .zip file.

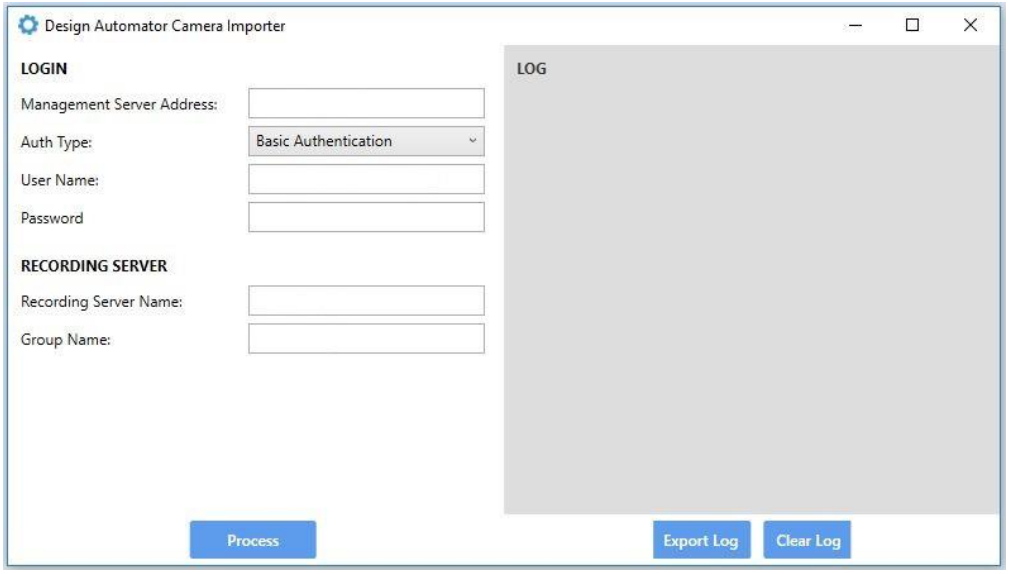
For this example the .zip file contains four files generated by one Commissioning Sheet.

The files are: -

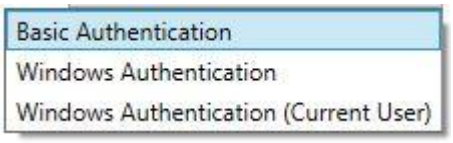
- The CCTV Usage Report is a Word document that contains information related to when the function was run such as input and output files, date, time, and user name. This file may be thought of as a receipt for audit purposes.
- The file **CCTV CAD – EU-LDN-CST […** is a copy of the Commissioning Sheet submitted.
- The **.auto** file is the actual system configuration file.
- Finally **AutoImporter** is the executable used to migrate camera details held in the system configuration file to the Milestone XProtect server.

5. Copy the **.zip** file to a clean folder on the XProtect server and right-click the .zip files extract the content.

6. Run **AutoImporter.exe** and the Design Automator Camera Importer tool interface will appear -



Enter relevant information in the required fields. Three Authentication Types are offered: -



Click **Process** and the Importer will attempt to transfer the camera records. The LOG window will report actions and discoveries. For example: -

LOG

Login succeed
Querying and configuring storage list for the new cameras

Will now attempt to add: EU-LDN-CST-C-07-002-CAM
Hardware add task: Success
Camera added successfully: EU-LDN-CST-C-07-002-CAM

Will now attempt to add settings for: EU-LDN-CST-C-07-002-CAM
Video stream 01 – Frames per second: Value 15 set successfully
Settings updated for Video stream 01
Video stream 02 – Frames per second: Value 15 set successfully
Settings updated for Video stream 02
Settings update completed for camera EU-LDN-CST-C-07-002-CAM

Importing completed.

Any cameras that currently exist on the system with the same name will activate an alert in the log.

> These cameras already exist on the server:
>
> EU-LDN-CST-C-07-003-CAM
> EU-LDN-CST-C-07-003-CAM
> EU-LDN-CST-C-07-004-CAM
>
> Do you want to overwrite the properties?

An option is offered to overwrite if required.

-oOo-