## **Installation of the Access Control Plug-in**

Make sure that you have:

- a running **PROS CS** version 1.1.28 or higher
- a running Milestone XProtect system.
- you have the **PROS\_AccessControlPlugin.msi setup file** available.
- you have **Microsoft.net Framework 4.5.1** installed.

If these preconditions apply:

- Create Operator in the PROS that will be used by Video system for login to PROS. Password length must be at least 5 characters.
- Start the Milestone XProtect Management application.
- Select Advanced Configuration.
- Stop the Event server Service.



- Run the plug-in installation process until it is completed (PROS\_AccessControlPlugin.msi).

- Restart the Event Server Service.

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Surveillance Server     Serveillance Server     Setting stanted     Advanced Configuration     E Sectors and Second Plant     E Sectors and Output     E Scheduling and Archivit	miestono			10
	Service Control:			
- Matrix Logs	Service Name	Status	Service Start/Stop	Service Restart
H Notifications	Recording Server service	Started	900	Restart
Central Access Control	Image Server service	Started	Stop	Restan
Server Access	Image Import service	Started	Stop	Restort
Master/Save	Log Check service	Started	Stop	Restort
Servicez	Event Server service	Saried	Stop	Restort
H Servers Mobile Servers	Notification Server service	Started	Step	Restart
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If the plug-in is installed correctly the below listed files can be found in the PROS\_AccessControlPlugin folder of the Milestone XProtect system.

🚱 🕞 📲 « Local Disk (Ci	) + Program Files (x86) + Milestone	• MOPPlugins • PRC	/S_AccessControlPlugin	•   4y   [ :		
File Edit View Tools Help Organize + Include in library + Share with + Surn New folder						
and a second	Name	Date modified	Type	Size		
Downloads Recent Places	📄 acplugin.def 🚳 PROS_AccessControlPlugin.dll	4/22/2015 2:25 PM 5/29/2015 3:02 PM	DEF File Application extension	1 KB 146 KE		

## Important!

If the PROS Server and the XProtect system are not running on the same server, make sure that the **PROS\_AccessControlPlugin** plug-in is installed on the server where the Milestone XProtect system is installed.

## **Configuration of the Access Control Integration**

Go to the management application and navigate to the **Access Control section in the tree.** Right-click the node and select "Create new..." to create a new control.



- Enter a name (e.g. PROS Access).
- Select the installed Plug-in (PROS\_Access Control System).

Create Access Control System Integration	-Real
Create access control system integration Name the access control system integration, select the integration plug-in and enter the connection details.	
Name:	
Integration plug-in: PRCIS Access Control System	
het.	Cancel

- Enter an PROS Server IP-Adress or Host name.
- Enter port number (default is 54321)
- Enter the Username and Password of the operator created in the PROS
- Click the **Next** button.

Create Access Control	System Integration			X
	control system integratio trol system integration, select the inte		ne connection details.	
Name:	PROS Access			
Integration plug-in:	PROS Access Control System	•		
Address:	192.168.1.10			
Port:	54321			
Operator:	video			
Password:	•••••			
			Next	Cancel

The wizard will now try to connect the PROS to retrieve relevant configurations.

Once connected, a list of all PROS configurations is displayed, as e.g. devices, events, commands.

Click Next to proceed.

The dialog Associated Cameras is displayed:

Client when access control events related to one of the d	OOF 5 MILLS	es points al	e triggered. Cameras:
Name	Licensed	9	▲ U Server ▲ ™ All Cameras (Server)
Access point: Entrance 1 Reader 1 Camera 1 Camera 2 Drop commo here to associate it with the access point Access point: Entrance 1 Reader 2 Camera 3 Camera 4 Drop comera here to associate it with the access point	1	emove emove emove emove	Camera 2 Camera 3 Camera 4 Camera 5 Camera 6 Camera 6 Camera 8 Al Sloves (Server)
Entrance 2 Door 1	- FA,	50	

- Select a camera from the right column and assign it by Drag-and-Drop to the reader of the appropriate access point in the left column.
- If everything is configured, Click the **Next** button.

With this step the configuration is done:



- Verify that the PROS and XProtect system are connected.



## Synchronization of Configuration Changes

Cardholder data will automatically be updated in the XProtect system. For other configuration changes, a manual refresh action is required.

Access Control				
				-
General Settings General Settings Associated Cameras Access Control Events Access Control Actions Cardholders DEV: Info DEV: Item States & Commands DEV: Category Mapping DEV: Camera Mapping DEV: Live Events DEV: Live State Changes DEV: Live Credential Holder Changes	General settings Enable: Name: Description: Integration plug-in: Last configuration refresh: Address: Port: Operator: Password: Event polling period (ms):	PROS System         PROS Access Control System (Version         5/29/2015 1:25 PM         192 168.1.10         54321         video         ••••         10	Refresh Configuration	
			[	OK Cancel

Click the **Refresh Configuration** button to synchronize the systems.