



CASTEL / MILESTONE ACCESS CONTROL PLUGIN USER MANUAL

Subject : This document describes the procedure for implementing an access control interface solution between CastelSuite and MileStone's XProtect solution

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1. INTRODUCTION

This document aims to describe the procedure for implementing the interface between CastelSuite and Milestone on the "Access control" part

Note: Regarding the functionality of the Milestone XProtect software, refer to the XProtect software manual.

2. MILESTONE/CASTELSUITE ORIENTED « ACCESS CONTROL » : THE FEATURES

The services offered are:

- View the various access control events from CastelSuite on XProtect with association of these events with a recorded video. The events are:
 - Access granted or denied
 - Door Forced
 - Door opened too long
 - Door opened
 - Door closed
- Perform remote commands from XProtect
 - Door opening
 - Door lock
 - Free access

Once the interface has been configured, it will of course be possible to have all the XProtect functionalities offered on the Smart Client application.

3. CONFIGURATION IN XPROTECT MANAGEMENT CLIENT

INSTALLATION OF « CASTELSUITE » PLUGIN IN MILESTONE SOFTWARE

This interface requires the installation of the MIPCastelSuite Plugin under "C:\Programs\Milestone\MIPPlugins.

It is then necessary to create the directory « MIPCastelSuite » which will contain a file acplugin.def and MIPCastelSuite.dll.

Warning : Don't forget to stop « Event Server Service » before copying the plugin files.

Contact CASTEL to obtain these files : support@castel.fr

Acplugin.def :

<plugin>

<file name="MIPCasteSuite.dll"/>

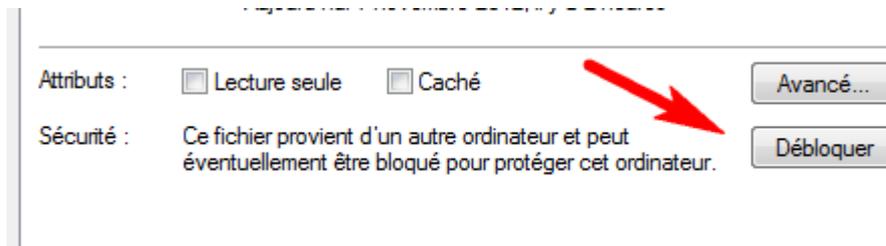
<load env="Service"/>

</plugin

Warning: On some machines, the following message may appear when starting the Milestone server when loading the DLL: "Impossible to load file or assembly HRESULT 0x80131515".

To solve the problem, just open a Windows explorer window, go to the directory where the dll is located and right-click on it to display the properties window.

If the dll is blocked, there should be an Unblock button at the bottom right. Just click on this button to unlock the file:



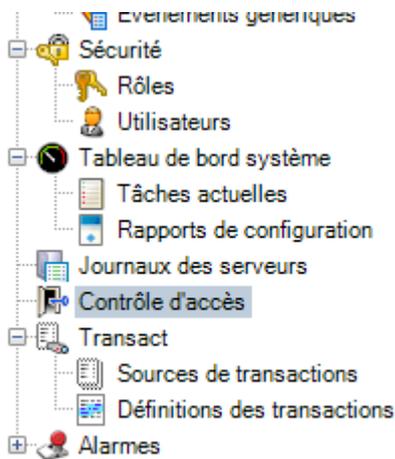
ACTIVATION OF THE INTERFACE IN CASTELSUITE

The "Preferences" page of CASTELServeur offers the activation / deactivation of interface with Milestone.

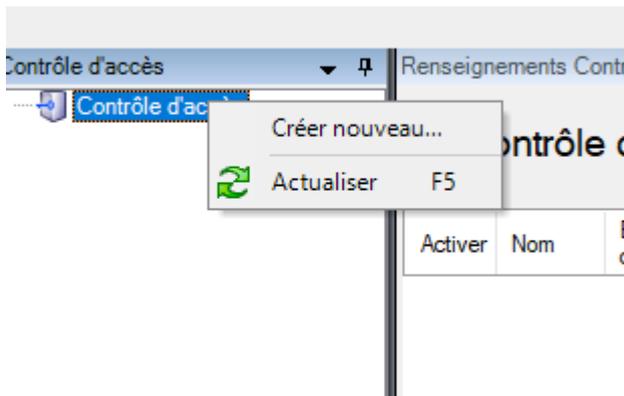


CREATION OF THE ACCESS CONTROL INTERFACE IN XPROTECT MANAGEMENT CLIENT

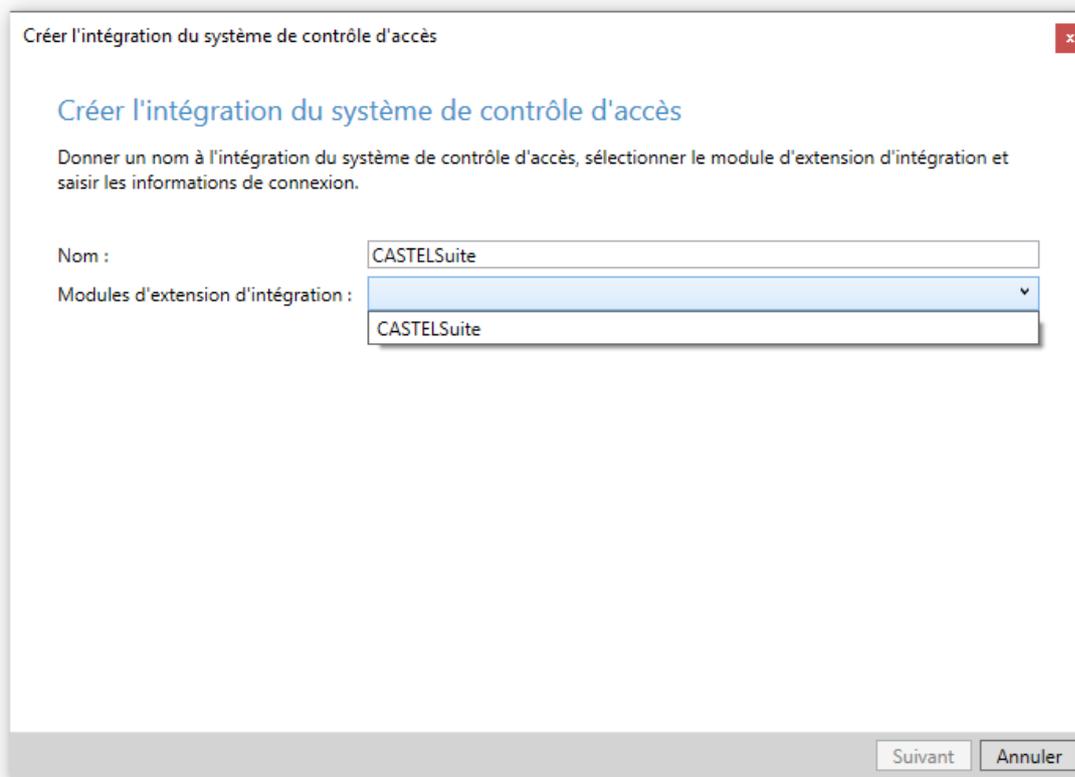
The access control interface based on the plugin provided by CASTEL must be created via the XProtect Management Client application



Step 1 : Create a new access control system



Step 2 : Create a new access control system based on CASTELSuite plugin

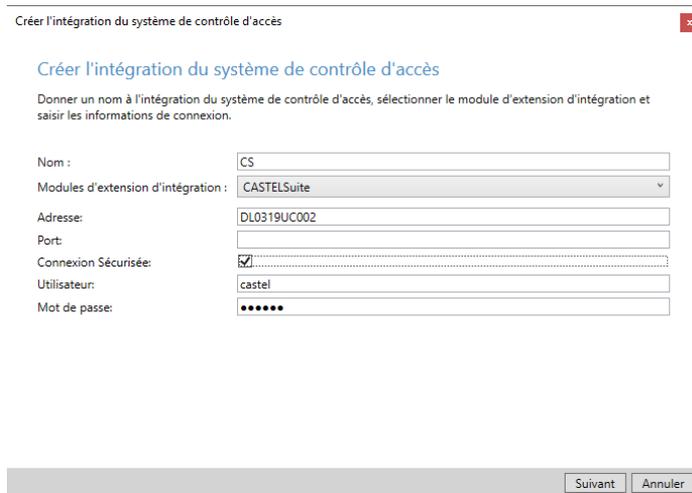


Step 3 : Fill parameters

The parameters to be entered are:

- A name to identify the interface
- The IP address of the CASTELSuite server
- The type of connection:
 - Secured :

- The connection with the WebServices of the CASTELSuite server will be made in https. In this mode, it is imperative to:
 - Install the Apache certificate of the CASTELSuite server on the Milestone server
 - Specify the DNS name of the CASTELSuite server which was used to generate the Apache certificate. An IP address will not work.
 - Activate the security of WebServices in CASTELSuite via the "Preferences" menu
 - Example :



Créer l'intégration du système de contrôle d'accès

Créer l'intégration du système de contrôle d'accès

Donner un nom à l'intégration du système de contrôle d'accès, sélectionner le module d'extension d'intégration et saisir les informations de connexion.

Nom :

Modules d'extension d'intégration :

Adresse:

Port:

Connexion Sécurisée:

Utilisateur:

Mot de passe:

- No secured :
 - The connection with the WebServices of the CASTELSuite server will be made in http. In this mode, it is imperative to:
 - Specify the Ip address or the DNS name of the CASTELSuite server with the port number 8080
 - Deactivate the security of WebServices in CASTELSuite via the "Preferences" menu
 - Example :

Créer l'intégration du système de contrôle d'accès

Créer l'intégration du système de contrôle d'accès

Donner un nom à l'intégration du système de contrôle d'accès, sélectionner le module d'extension d'intégration et saisir les informations de connexion.

Nom :

Modules d'extension d'intégration :

Adresse:

Port:

Connexion Sécurisée:

Utilisateur:

Mot de passe:

- Login ID/Password:
 - The username/password pair specified here must have been configured on the CASTELSuite server.

Step 4 : Start the connection via the "Next" button

Créer l'intégration du système de contrôle d'accès

Connexion au système de contrôle d'accès en cours...

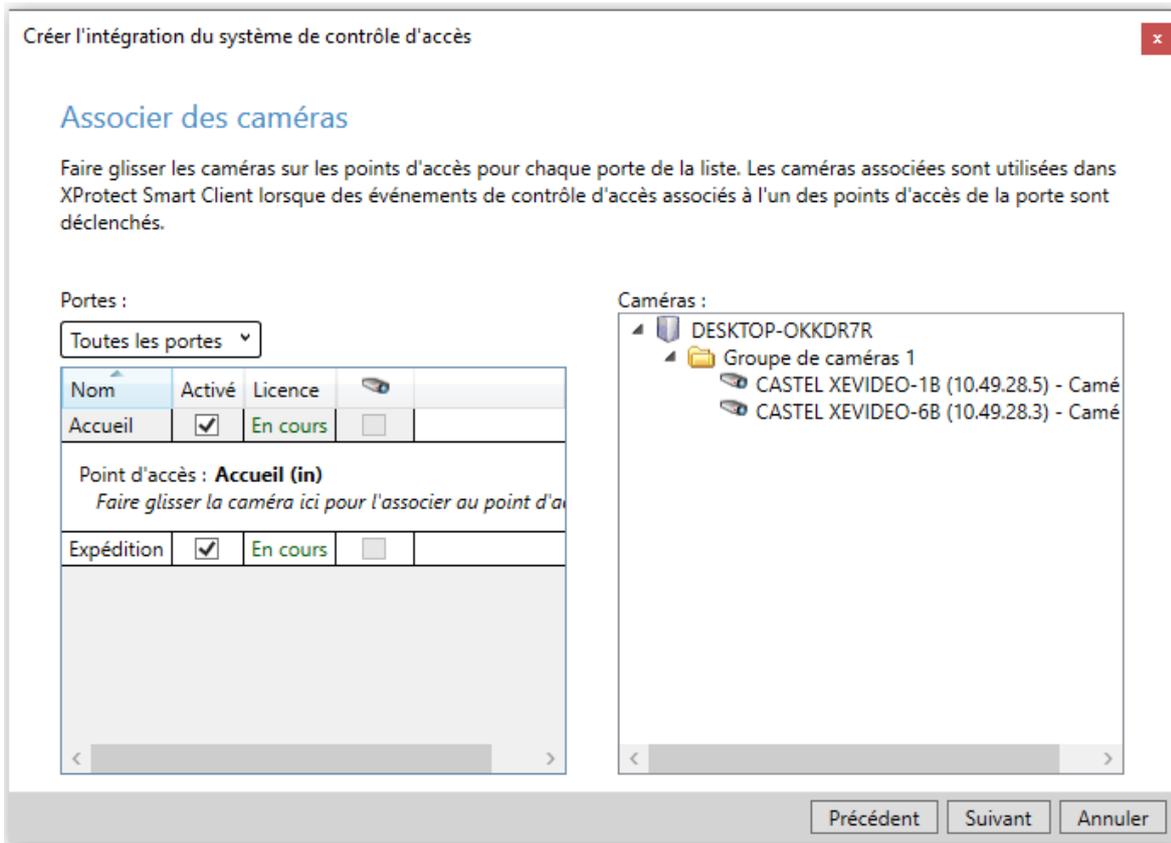
Collecte de données de configuration...

Configuration bien reçue du système de contrôle d'accès.

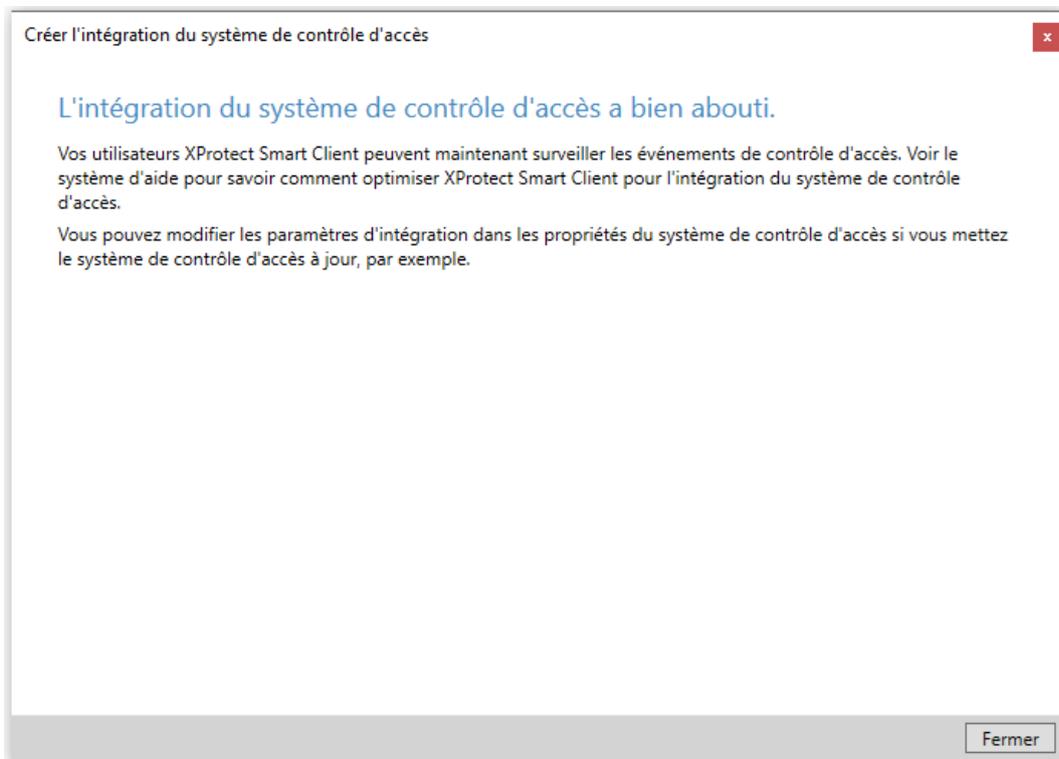
Ajouté :

Portes (2)	▼
Unités (2)	▼
Serveurs (1)	▼
Événements (7)	▼
Commandes (4)	▼
États (7)	▼

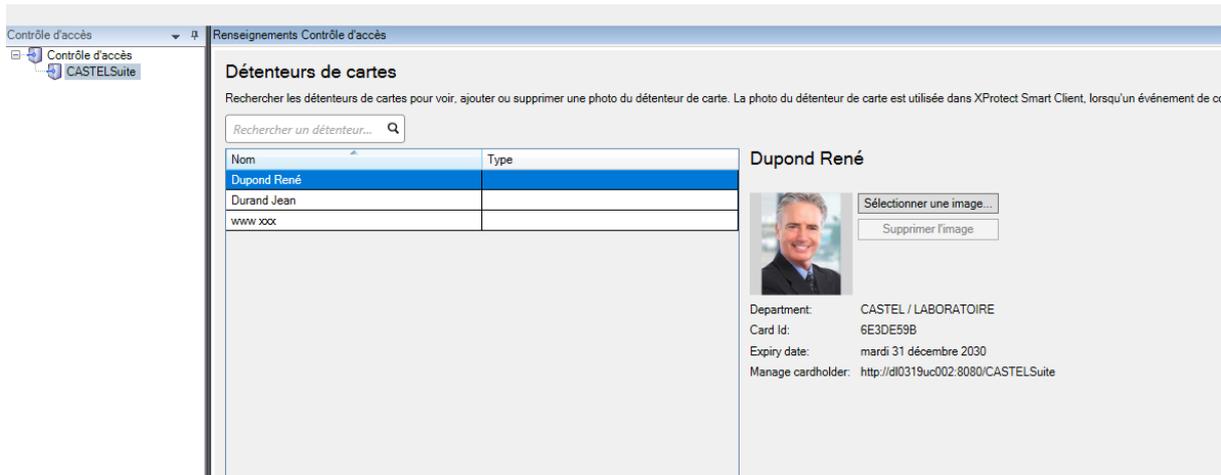
Step 5 : Associate doors with cameras via drag and drop



Step 6 : End of integration



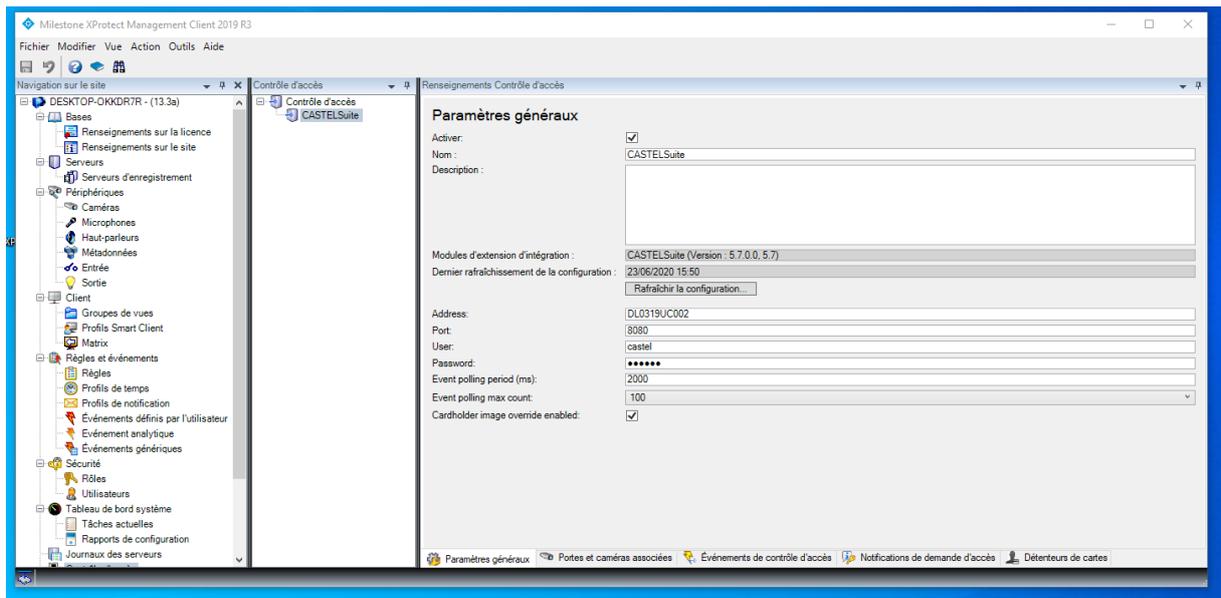
Step 7 : Check personal card informations



INTERFACING CONFIGURATION

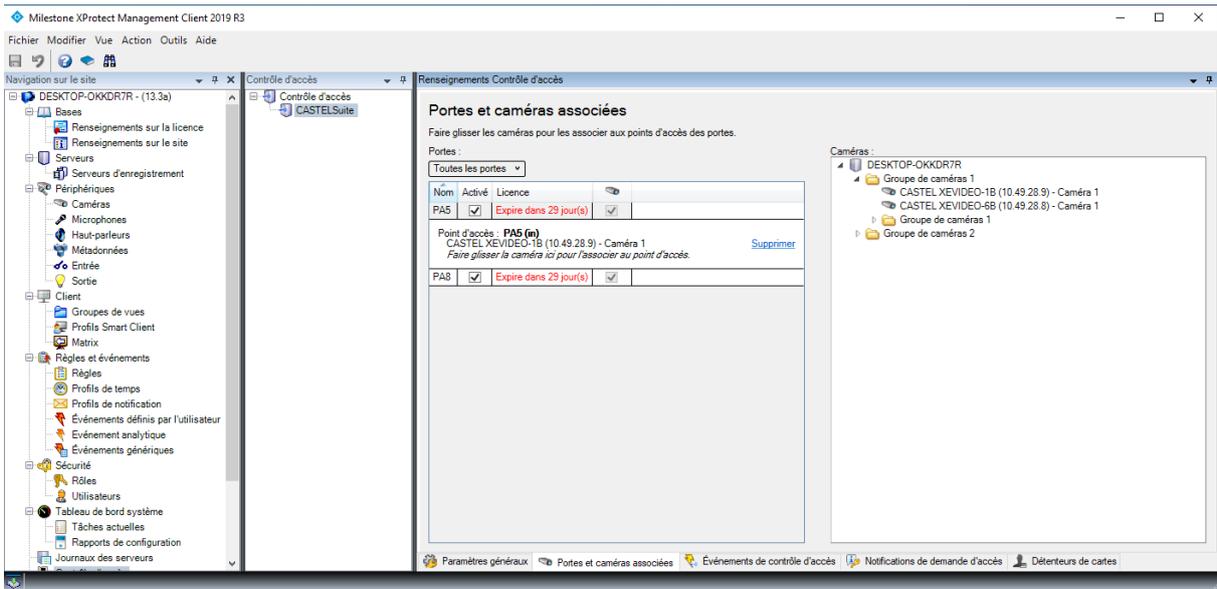
- **General settings**

It is possible to update the interface parameters in this tab



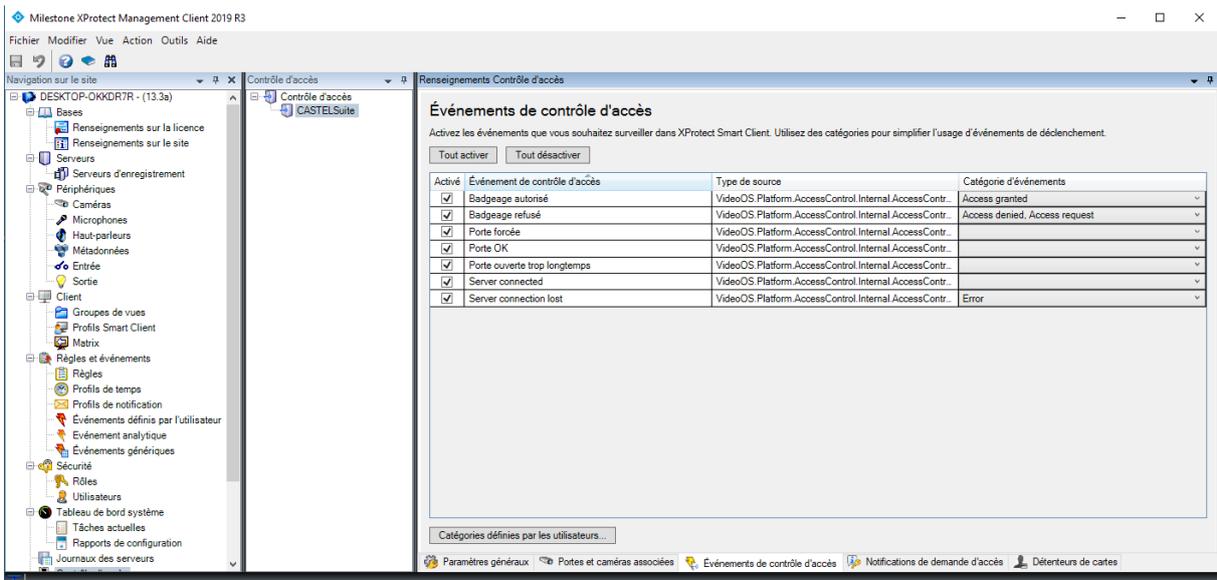
- **Door and associated cameras**

It is possible to modify door/camera association in this tab.



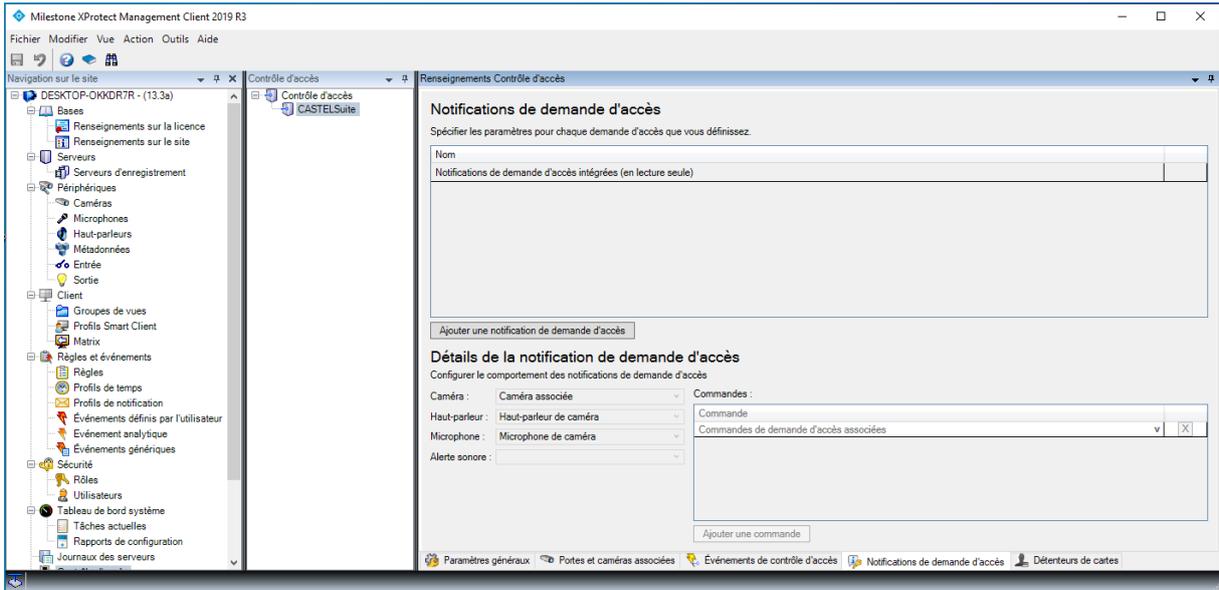
- **Access control events**

The events issued by CASTELSuite can then be associated with categories and / or "Rules" according to need.



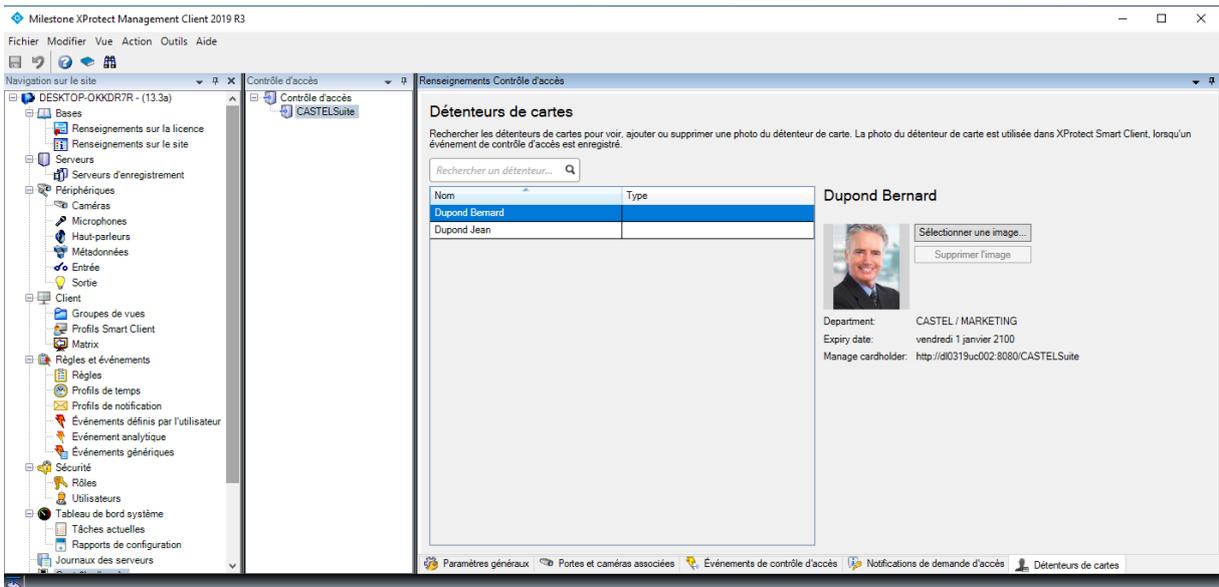
- **Access Request Notifications**

Notifications can be displayed in the XProtect Smart Client application.



- **CardHolders**

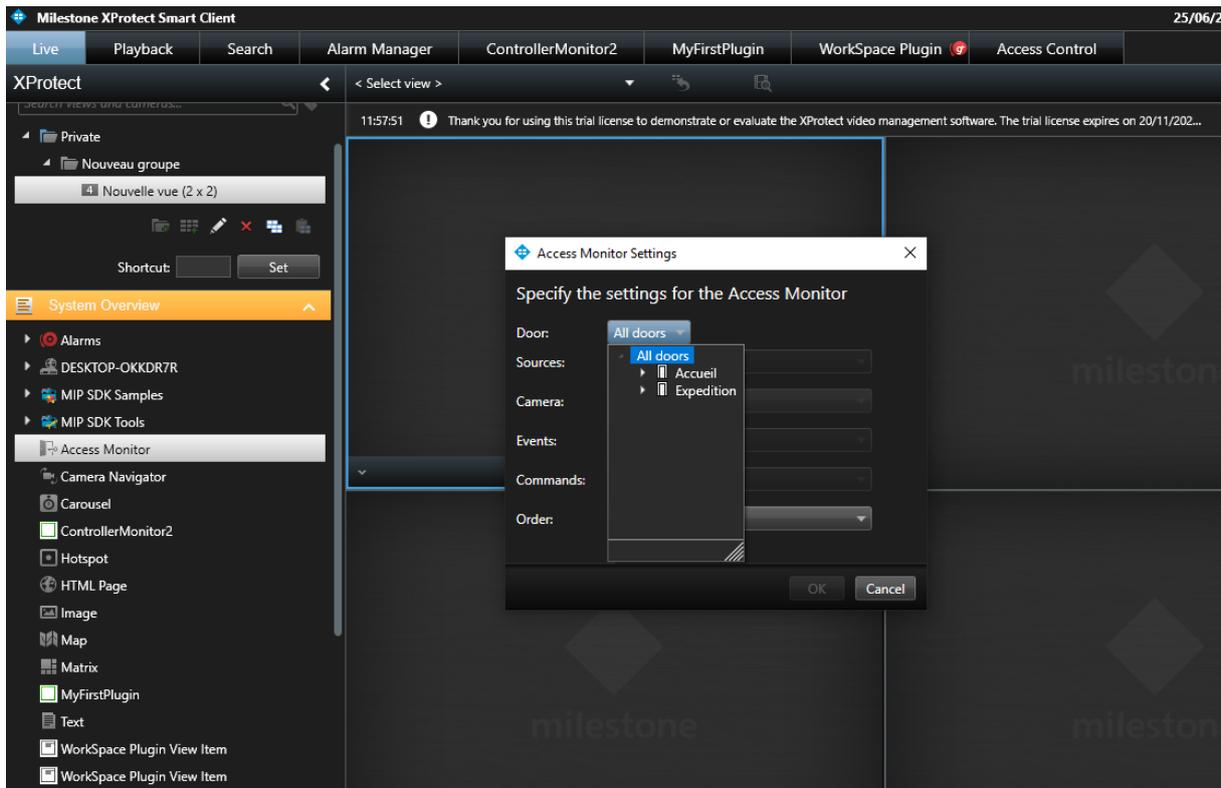
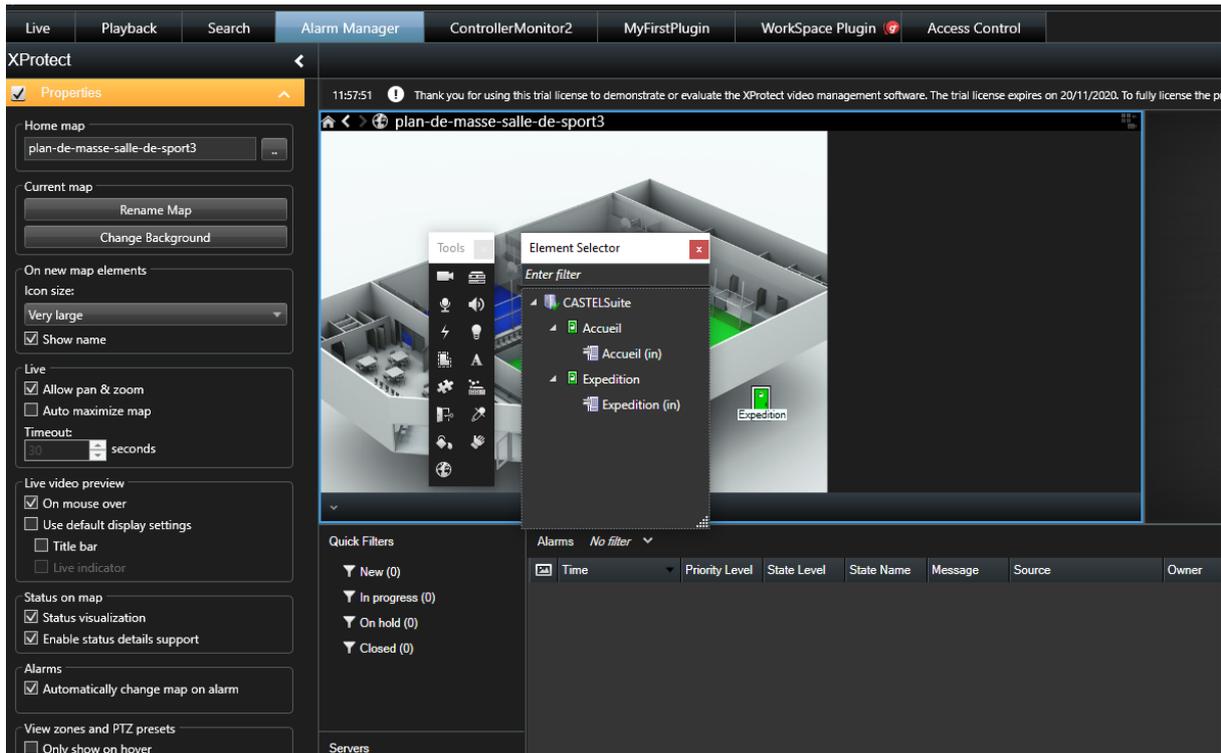
This tab is useful to get informations on the card holder imported from CASTELSuite.



4. CASTELSUITE PLUGIN IN XPROTECT SMART CLIENT : CONFIGURATION MODE

Please refer to XProtect Smart Client User Manual to get more informations. Once CASTELSuite plugin is installed and configured, it is then possible to

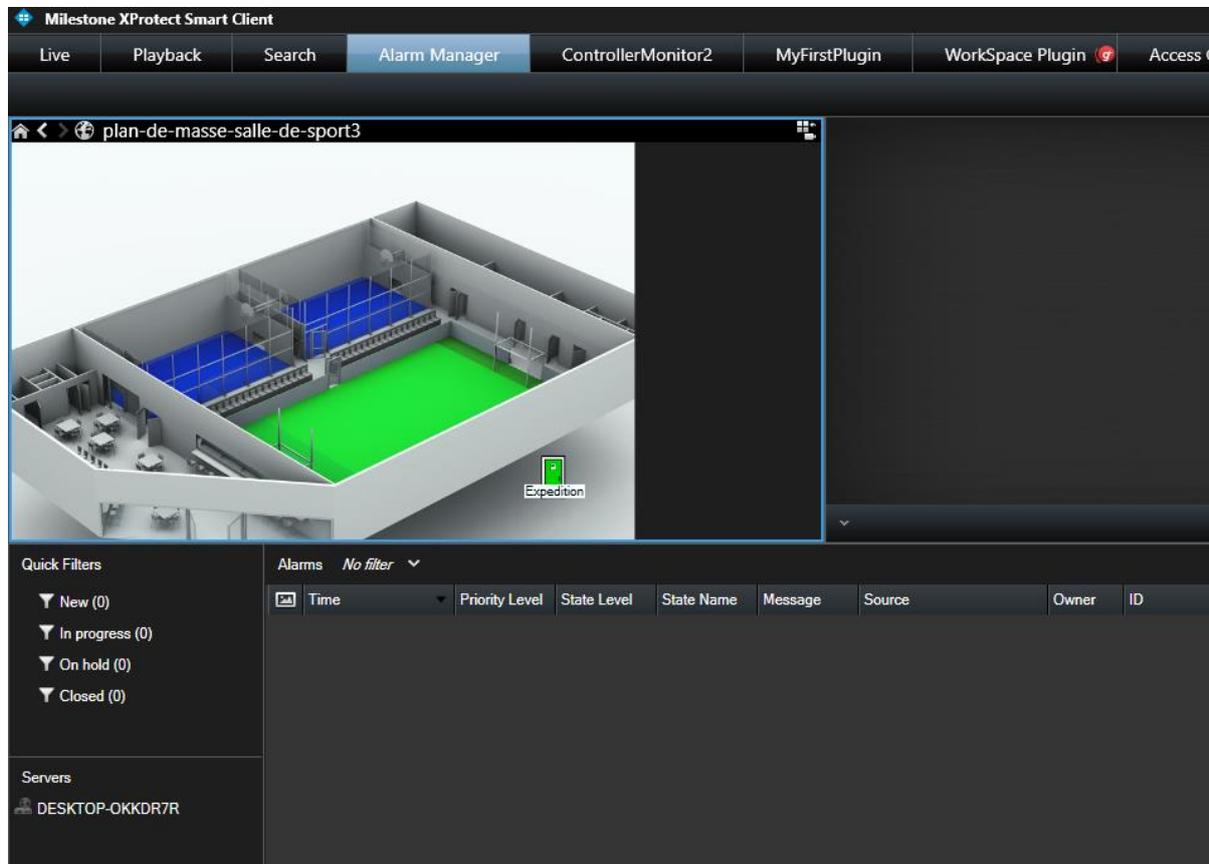
- Insert a door on a map by drag and drop in configuration mode



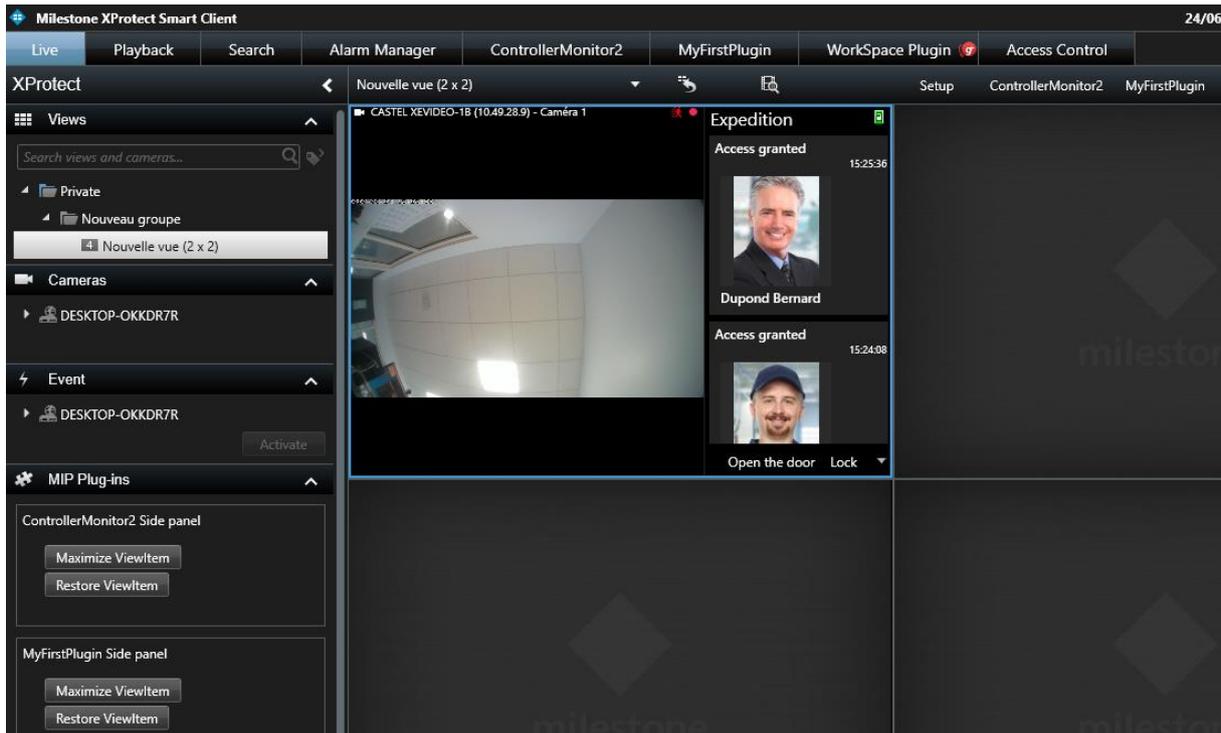
5. CASTELSUITE PLUGIN IN XPROTECT SMART CLIENT : MONITORING

It is then possible to monitor CASTELSuite access events in different ways :

- **View door status on a map**

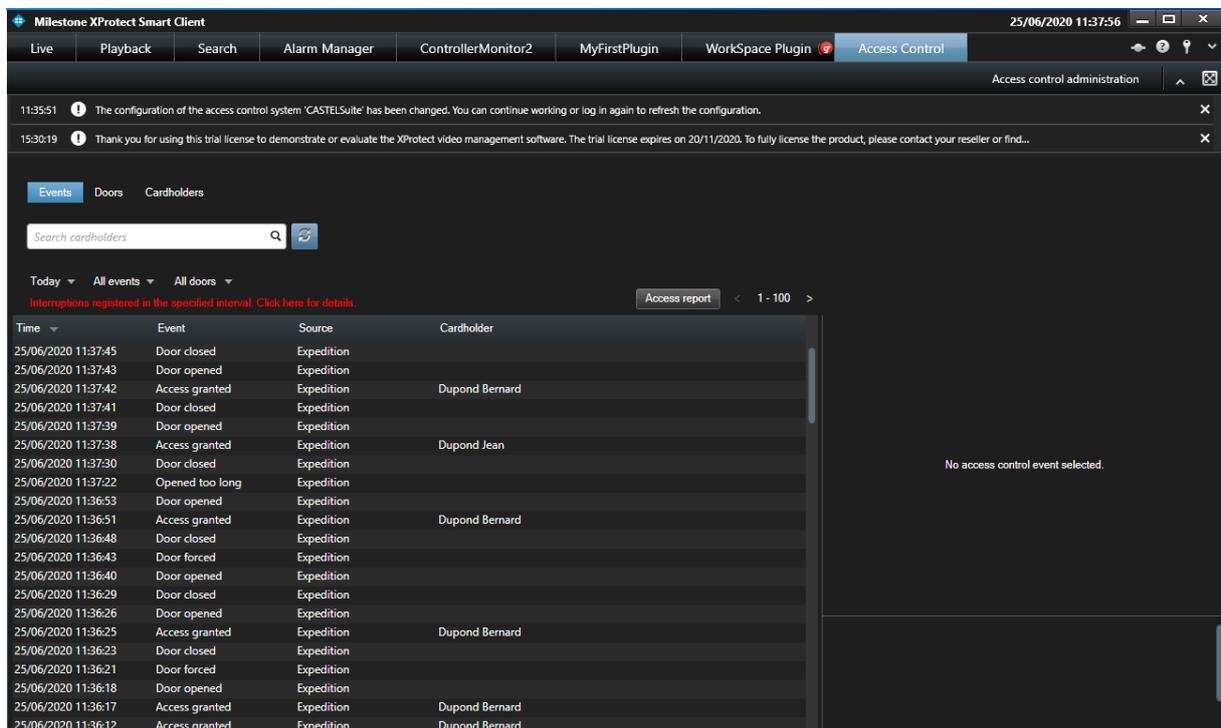


- **View access control events in a simple view**
 - All Access control events are displayed with video from associated camera

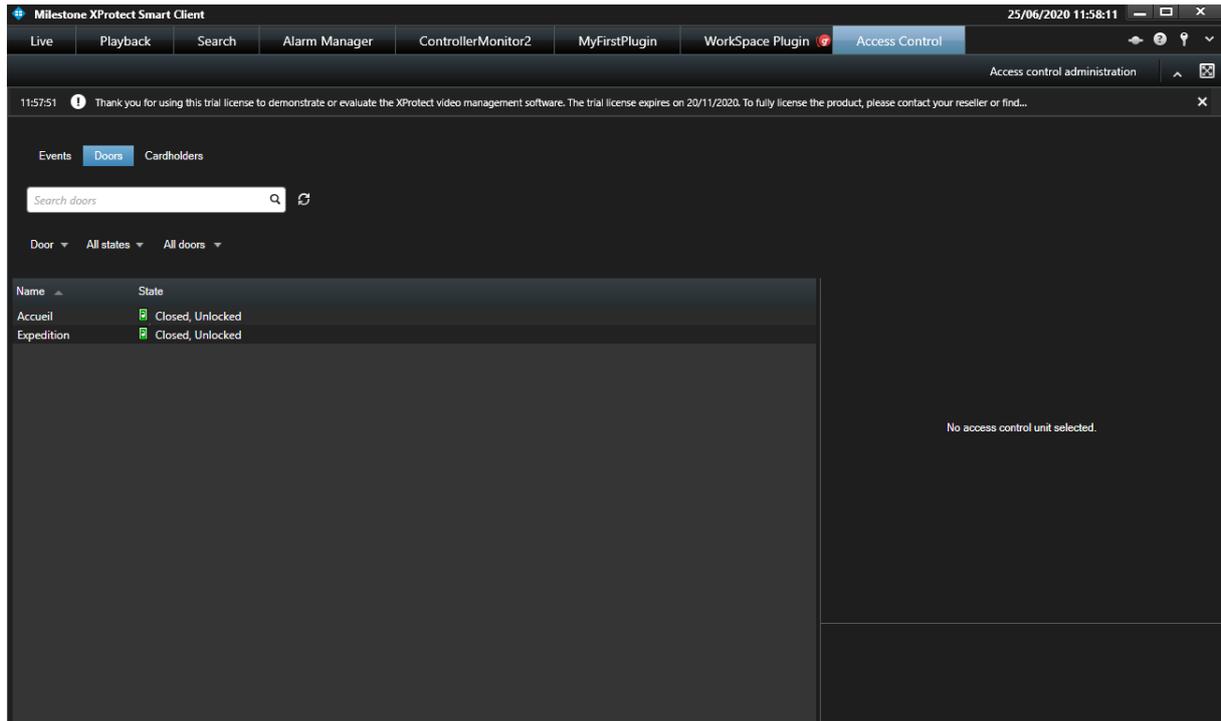


- **View informations in Access Control View**

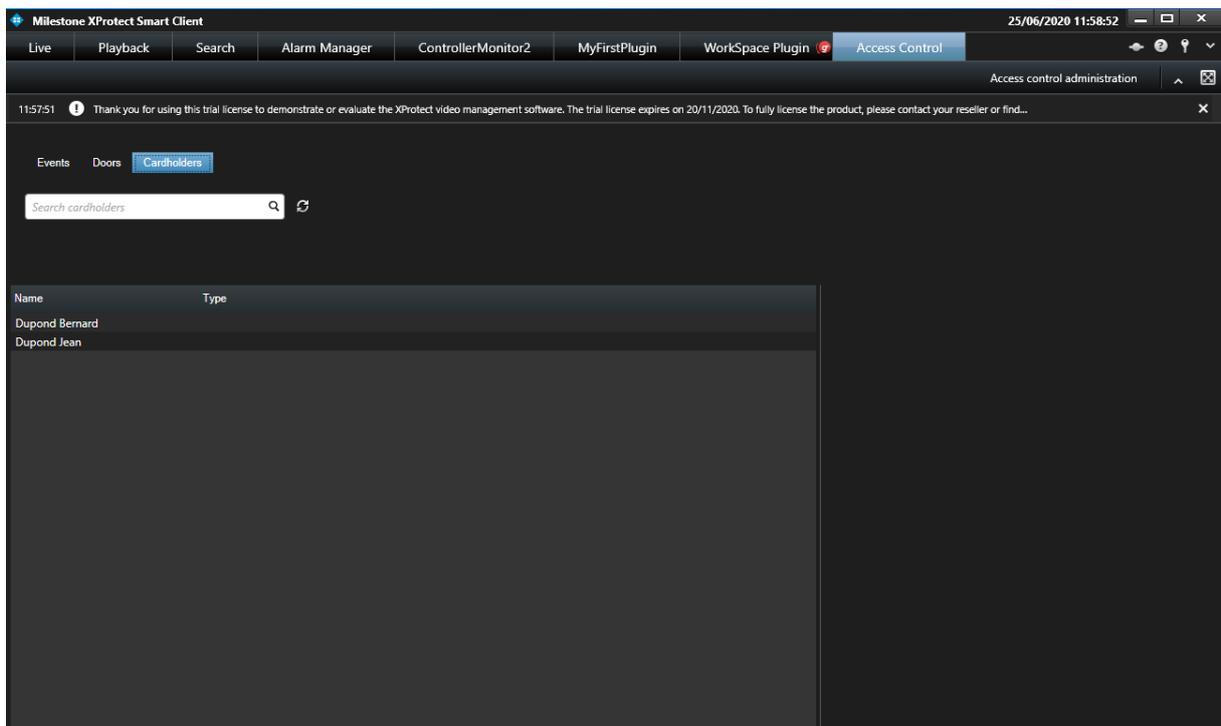
- View Access control Events



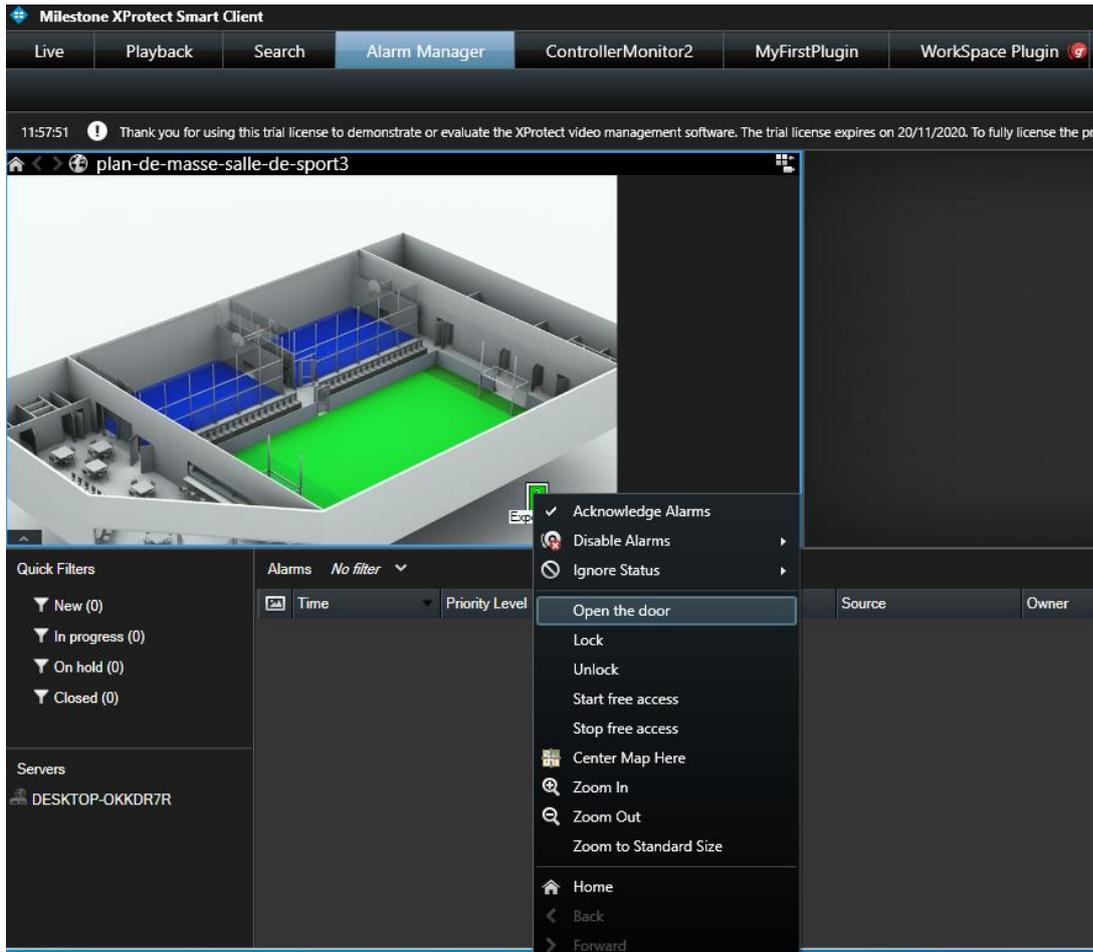
- View Doors status



○ View CardHolders



- Perform remote command from Map



- Perform remote command from live view

