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# Milestone Integration User Guide

## 1.0 Introduction

This document explains how to use the Milestone XProtect Smart Client once you have installed and configured the Doors.NET Plugin in the XProtect VMS.

This document makes the following assumptions:

- You have already added IP cameras to your XProtect VMS software.
- Cardholders and hardware have already been added and configured in Doors.NET.
- You have followed the instructions outlined in the Milestone Integration Setup Guide for associating cameras with the doors.

This short document explains how you can view the real-time events generated by the access control system, view door information and live video feeds from cameras which have been associated with the doors, view the physical door status (open, closed, forced, etc). It explains how you can lock and unlock the doors and how to view cardholder information and cardholder images.

## 2.0 System Requirements

- Microsoft .NET Framework 4.8.
- Microsoft Windows 10 Professional or newer Windows operating system.
- Keri Doors.NET v5.3.0 and newer versions.
- Milestone video system with valid XProtect Access Base License and XProtect Access Door License.

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## 3.0 Supported XProtect Versions

**Note:** Installing and using the latest version of one of the following Milestone applications is recommended.

Supported Milestone XProtect versions:

- XProtect® Express
- XProtect® Professional
- XProtect® Expert
- XProtect® Corporate
- XProtect® Enterprise

## 4.0 Licensing Requirements

### 4.1 Milestone License for XProtect Access

You must contact Milestone Systems to purchase required licenses before Milestone XProtect Access integration will work.

XProtect Access is licensed through the following licensing scheme:

1. XProtect Access Base License (XPABL) which unlocks all functions related to XProtect Access
2. XProtect Access Door License (XPADL) that enables a single physical door in XProtect Access

### 4.2 Licensing for Doors.NET Plugin Integration with Milestone XProtect Access

Your Keri Doors.NET Application Server license should have the following feature activated for integration with Milestone XProtect Access:

- Video Integration Clients – must be licensed for at least one client.

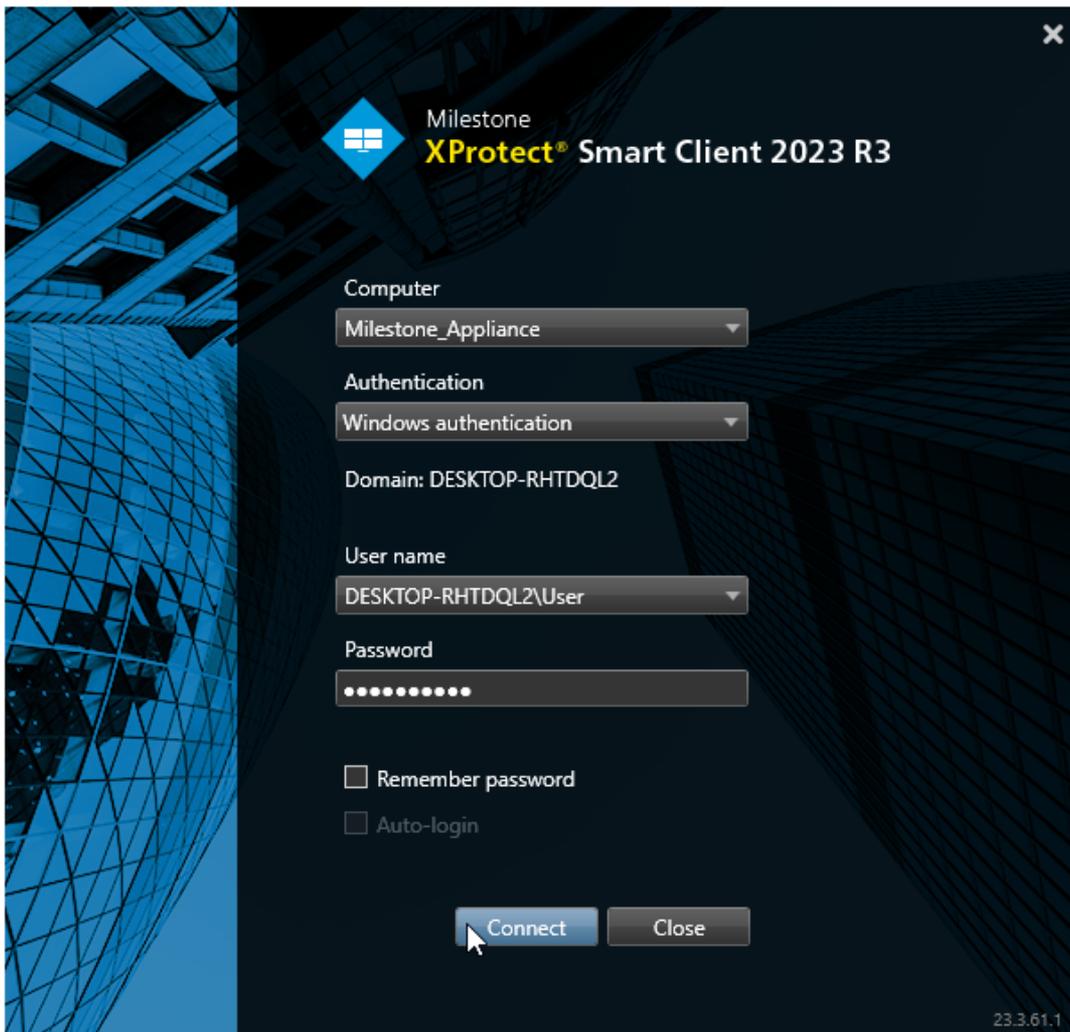
**Note:** On some older versions of Doors.NET this setting will appear as 'OnSSI Client'.

## 5.0 Using the Doors.NET Plugin with Milestone XProtect Access

1. Click on the Milestone Smart Client icon on the desktop.

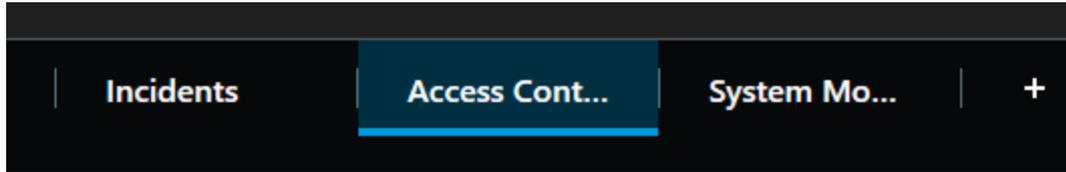


2. Login to Milestone XProtect Smart Client.

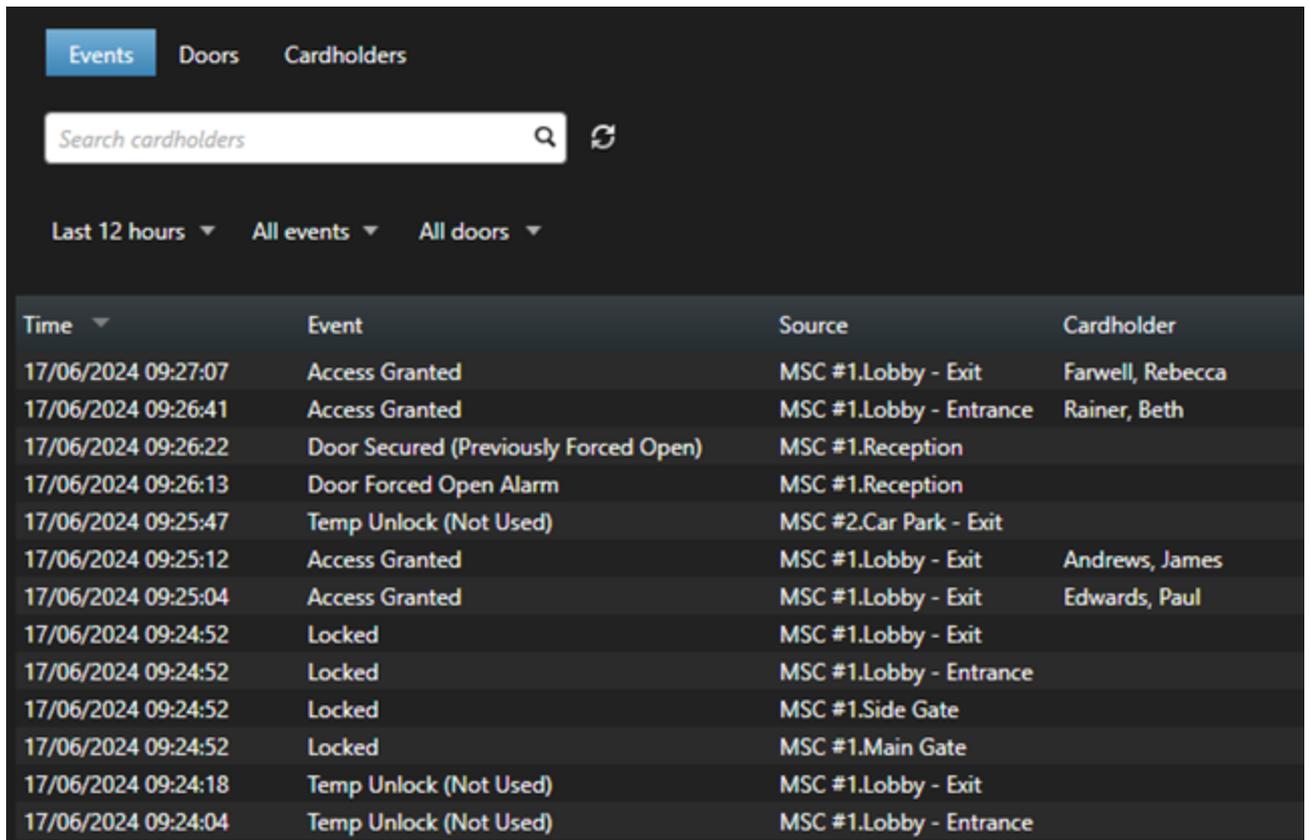


## 5.1 View System Events

1. Once logged in, go to the ACCESS CONTROL tab.



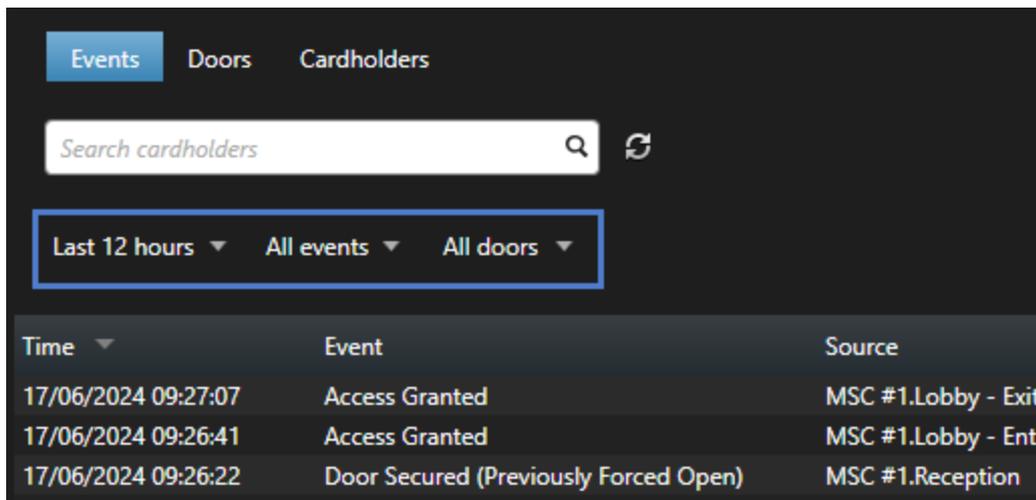
2. The access control page initially displays the events grid. The events grid will display event history for all events supported by the Doors.NET Plugin.



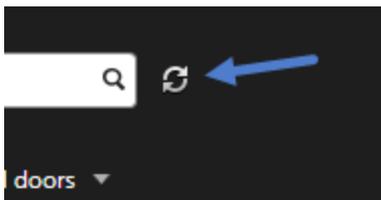
The screenshot shows the 'Events' page interface. At the top, there are tabs for 'Events', 'Doors', and 'Cardholders', with 'Events' selected. Below the tabs is a search bar labeled 'Search cardholders' with a magnifying glass icon and a refresh icon. Underneath the search bar are three filter dropdowns: 'Last 12 hours', 'All events', and 'All doors'. The main content is a table with the following columns: Time, Event, Source, and Cardholder.

Time	Event	Source	Cardholder
17/06/2024 09:27:07	Access Granted	MSC #1.Lobby - Exit	Farwell, Rebecca
17/06/2024 09:26:41	Access Granted	MSC #1.Lobby - Entrance	Rainer, Beth
17/06/2024 09:26:22	Door Secured (Previously Forced Open)	MSC #1.Reception	
17/06/2024 09:26:13	Door Forced Open Alarm	MSC #1.Reception	
17/06/2024 09:25:47	Temp Unlock (Not Used)	MSC #2.Car Park - Exit	
17/06/2024 09:25:12	Access Granted	MSC #1.Lobby - Exit	Andrews, James
17/06/2024 09:25:04	Access Granted	MSC #1.Lobby - Exit	Edwards, Paul
17/06/2024 09:24:52	Locked	MSC #1.Lobby - Exit	
17/06/2024 09:24:52	Locked	MSC #1.Lobby - Entrance	
17/06/2024 09:24:52	Locked	MSC #1.Side Gate	
17/06/2024 09:24:52	Locked	MSC #1.Main Gate	
17/06/2024 09:24:18	Temp Unlock (Not Used)	MSC #1.Lobby - Exit	
17/06/2024 09:24:04	Temp Unlock (Not Used)	MSC #1.Lobby - Entrance	

3. You can review recorded video clips related to events, generate reports and perform additional actions.
4. You can filter the events list by using selectable controls which are located above the events grid.



5. Click the refresh icon to retrieve new event data from Doors.NET.

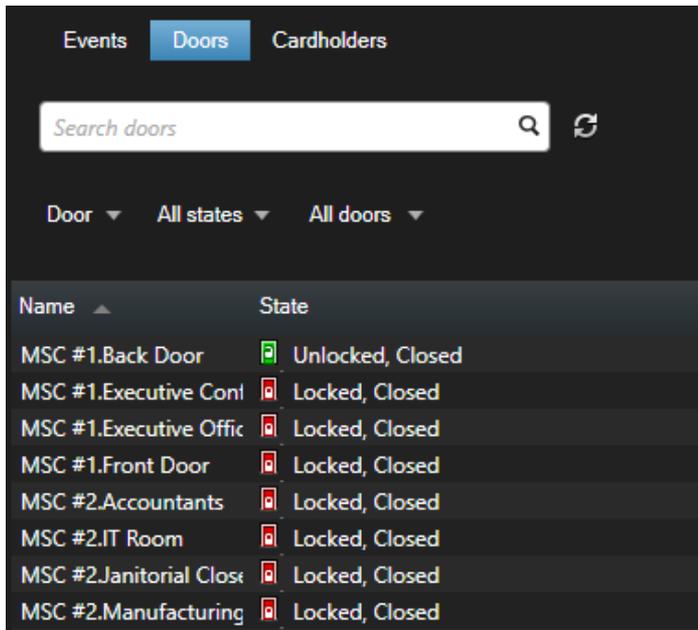


## 5.2 View the Door Information and Live Video

The second tab on the Access Control screen is Doors. Here you will see a list of all doors which have been added to XProtect. Also displayed will be the real-time status of the door (whether the door is open, closed, forced or held open).

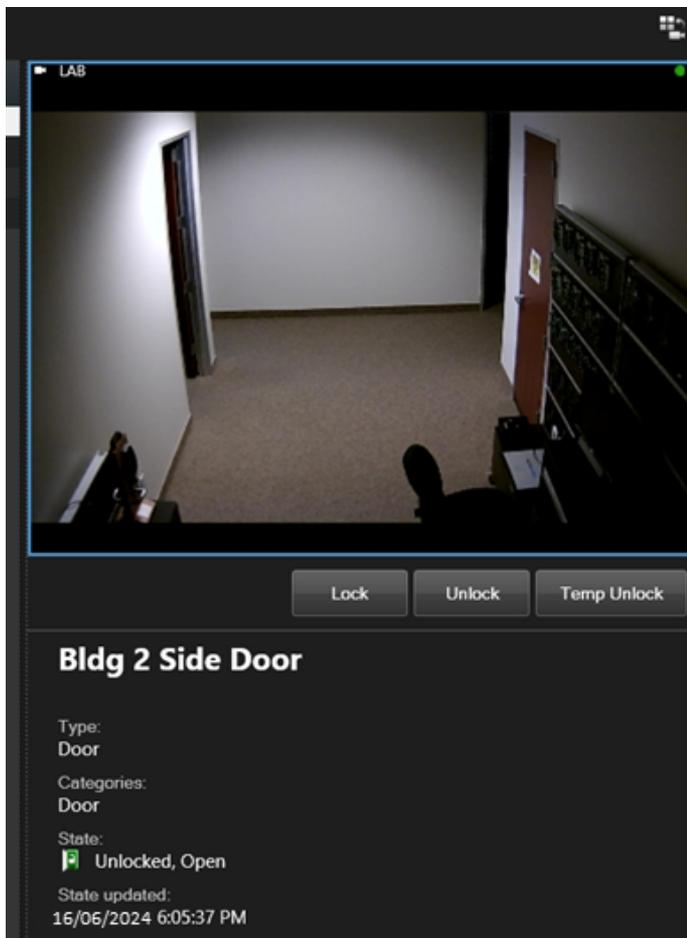
### NOTES:

- The maximum number of doors which can be added to XProtect is controlled by the door count defined in your XProtect Access license.
- The Doors.NET system might contain more Doors that are not visible in DOORS VIEW because the integration may not have enough XPADL licenses to see all Doors at same time.
- You can modify which Doors are visible by running Milestone XProtect Management Application and edit Access Control Integration or enable specific doors to be visible in DOORS VIEW.



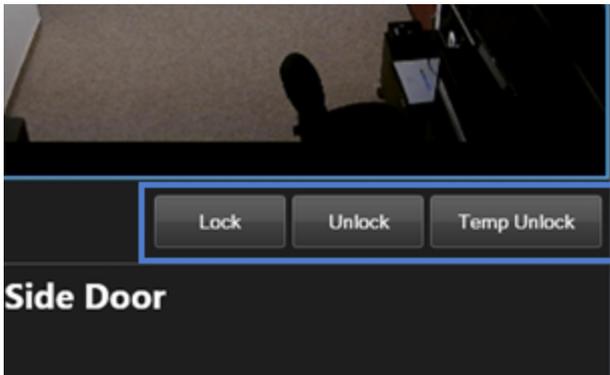
On the right side of the screen you will see live video from the camera associated with the selected door.

Beneath the live video window there is door information and door control buttons.



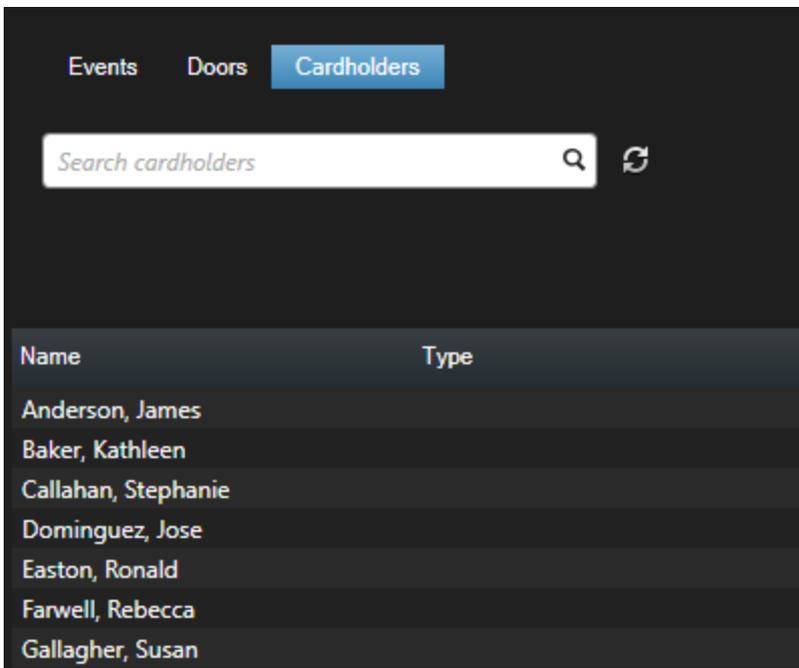
### 5.3 Controlling the Doors

From the Access Control doors tab, select the door that you wish to control. Click on either the Lock, Unlock or Temp Unlock buttons.



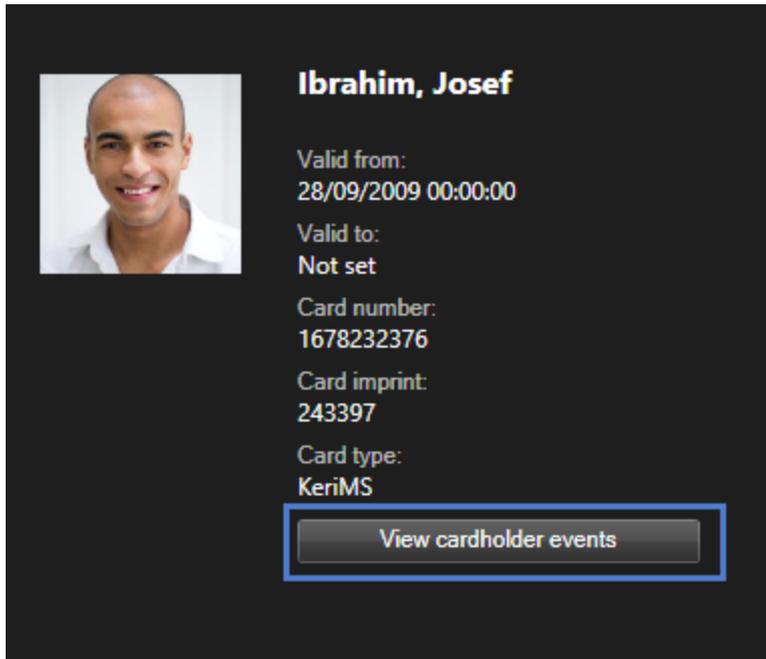
### 5.4 Cardholders

The third tab on the Access Control screen is Cardholders. It displays a list of all Doors.NET cardholder records that have one or more credentials assigned.



Select a cardholder record - a window will populate with the cardholder's details (cardholder image, activation and deactivation dates, card number, card imprint and card type).

You can click on the VIEW CARDHOLDER EVENTS button to retrieve a list of historical access control events associated with the cardholder. You will also see if there are any available video clips associated with the cardholder events.



**Ibrahim, Josef**

Valid from:  
28/09/2009 00:00:00

Valid to:  
Not set

Card number:  
1678232376

Card imprint:  
243397

Card type:  
KeriMS

[View cardholder events](#)

For large cardholder databases you can use the search facility for retrieving cardholder records. Simply enter a first name or last name. As you type, any matching entries will be listed.