

Paxton Net2 > XProtect Access

Installation, Setup, and User guide





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Prerequisites



Software and Licensing

Microsoft System Requirements

- Microsoft® Windows® 10 Pro (64 bit)
- Microsoft® Windows® 10 Enterprise (64 bit)
- Microsoft® Windows® 10 Enterprise LTSB 2016 (version 1607 or later)
- Microsoft® Windows® 10 IoT Enterprise, version 1803 or later (64 bit), IoT Core
- Microsoft® Windows® Server 2016 (64 bit): Essentials, Standard and Datacenter
- Microsoft® Windows® Server 2019 (64 bit): Essentials, Standard and Datacenter

Milestone XProtect System Requirements

- XProtect Express+, Professional+, Expert, Corporate 2020 R1 (20.1a) or above
- Milestone Event Server
 - The Event Server is included as part of you Milestone installation. ***Note*** *If this component has not been installed with your version follow the steps found in troubleshooting at the end of this document.*
- Milestone Access Licenses applied to your XProtect base license.
 - XProtect Access does not run as a trial license by default if wanting to add a trial license to you XProtect license you must contact Milestone Sales Support – <u>sales@milestone.dk</u> or create a sales request on the Milestone website.

LICENSES		MSRP	
SKU ID	Name	EUR	Note
XPABL	XProtect Access Base License (BL)	129,00	1
XPADL	XProtect Access Door License (DL)	39,00	2
MILESTONE CARE The XProtect Add separate charge.	OPTIONS -on product will be covered by the Milestone Care service level of the under	lying VMS or NVR product without	

Open the Milestone Management Client and ensure that you have XProtect Access Licenses associated with the installed Milestone version before installation of a ORBNET trial system. If nothing is listed here then you will not be able to use the ORBNET Systems Net2 Plugin as XProtect Access is not enabled as part of the trial version of the ORBNET installation, you must request a trial license or purchase beforehand from Milestone.





Licensed to:	Miles	lone Care		
N/A	Your cu	urrent level: Basic		
United Kinadom				
N/A				
Edit details	Access	Milestone Care portal		
End-user license agreement	Informa	tion about Milestone Care.	-	
Installed Products				
Product Version	Software License Code	Expiration Date	Milestone Care Plus	Milestone Care Premiur
XProtect Corporate 2020 R3 Test	M01-C01-203-02-6C4FF6	20/03/2022	N/A	N/A
Milestone XProtect Smart Wall	M01-P03-100-02-6C9A73	Unlimited	Unlimited	
Milestone XProtect Access	M01-P01-100-02-6C4476	06/04/2022	06/04/2022	

Paxton Access

- Net2 Professional, Lite (6.02) or above
- API Key to be installed
 C:\Program Files (x86)\Paxton Access\Access Control\ApiLicences\
- The API key is provided with the ORBNET .msi package.
 - Once the ORBNET software is installed copy the file found in
 C:\Program Files\Milestone\MIPPlugins\ORBNET\Paxton Access\
 (764be017-a15e-4426-b5e3-cdd896743140.lic)
 Copy to the location below on the Paxton NET2 Server. The folder may have to be created.
- Restart Paxton Net2 Services
 - Net2 Service
 - Net2 Nginx Service
 - Net2 Client Service
 (Alternatively reboot the Paxton server)

ORBNET Systems

- Installer 'Paxton Access for XProtect Setup'
 - Available to download from <u>https://orbnetsys.com/</u> Register once registered and signed into the website <u>https://orbnetsys.com/Paxton/</u>
- License The integration will install as a 30-day trial. To request a full/commercial license please complete the section in the





(Milestone Management Client > ORBNET Plugins > Paxton Access) Send the exported license file to <u>purchase@orbnetsys.com</u> – who will then advise as to pricing for your installation and provide an invoice for payment.

- There are 5 versions of the integration linked to Net2 system size.
 - S up to 25 doors
 - \circ M up to 50 doors
 - \circ L up to 100 doors
 - \circ $\,$ XL up to 500 doors
 - \circ XXL unlimited





Installation of Paxton Access for XProtect

Begin with the server/machine running the XProtect Management and Event Server. Close any open Milestone Smart Clients or Management Clients first. Place the 'Paxton Access for XProtect Setup.msi' in a folder on the desktop and double click and select 'Install'.

During installation, a window will appear behind the installer to request restart of the Milestone Event Server.

Velcome to the Paxton Access Control Medule for Protect Setup Wizard Protect Setup Wizard Protect by ORBNET SYSTEMS LTD on your computer. Please run this installer on all Management Protect by ORBNET SYSTEMS LTD on your computer. Please run this installer on all Management ervers and Smart Clients where the plugin will be used.	Confirm Installation Pactor Pactor The installer is ready to install Paston Access Control Module for XProtect on your computer. Click "Next" to start the installation.
An installer will guide you through the steps required to install the Paxton Access Control Module for Protect by ORBNET SYSTEMS LTD on your computer. Please run this installer on all Management ervers and Smart Clients where the plugin will be used.	The installer is ready to install Paxton Access Control Module for XProtect on your computer. Click "Next" to start the installation.
VARNING: This computer program is protected by copyright law and international treaties. Inauthorized duplication or distribution of this program, or any portion of it, may result in severe civil c ciminal penalties, and will be prosecuted to the maximum extent possible under the law.	
< Back Next > Cancel	< Back Next > Cancel
Paxton Access Control Module for XProtect – × Select Installation Folder Paxton	Installation Complete
he installer will install Paxton Access Control Module for XProtect to the following folder.	Paxton Access Control Module for XProtect has been successfully installed.
o install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".	Click "Close" to exit.
<u>F</u> older:	
C:\Program Files\Milestone\MIIPPlugins\ORBNET SYSTEMS LTD\ Browse	
Disk Cost	
Install Paxton Access Control Module for XProtect for yourself, or for anyone who uses this	
Install Paxton Access Control Module for XProtect for yourself, or for anyone who uses this computer:	Please restart the Event Server, Management Client and Smart Client to finish the installation.
Install Paxton Access Control Module for XProtect for yourself, or for anyone who uses this computer: © Everyone O Just me	Please restart the Event Server, Management Client and Smart Client to finish the installation.
Install Paxton Access Control Module for XProtect for yourself, or for anyone who uses this computer:	





Upon installation completion of the Plugin installation navigate to the ORBNET Plugins Section from within the Milestone Management Application, expand and Select Paxton Access. This shows that the software is now in a 30day trial period, endless the installation and trial had been completed prior.



Export License request process

When you decide to purchase a license, fill in the "Client Name" field, select the size of your installation and press the "Generate License Request File" button.

This will prompt you to save the license on your hard drive. Email the license request to <u>purchase@orbnetsys.com</u> and we will send you an invoice for payment.

Once the payment is sent, please send another email to <u>purchase@orbnetsys.com</u> and allow 1 business day to deliver you the license to you. Import this license to validate your software.



Configuration

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Access Control

Paxton User Setup

It is recommended to create a new user account within Paxton for the connection to the Milestone Access module. This will allow better management of the doors to be included and controlled.

In this installation we created a user 'ORBNET' in the NET2 Pro software with access to 'All Doors' at 'All Times'. The user was assigned as a Net2 Operator.

Tabas tere			
Token (ype	Default		New type
First name	ORBNE T	Get picture	
Middle name			
Sumame			
Department	Sales and Tech	·	
Access level	No access	·	
Telephone			
Fax		Email	
Valid from	19/10/2021	Position	
Expires end	19/10/2021	Start date	
Address 1		Car registration	
Address 2		Notes	^
Town			
County			
Post code		Ī	< >
Home telephone		Personnel number	
Home Fax		PIN	Auto PIN
Mobile		Token number	
		Token type	

) Individual permissions		
Access level permissions		
All hours, all doors		· · · · · · · · · · · · · · · · · · ·
loor / Area name	Timezone	
ORBNET Doors - ORBDoor (In)	All day, every day	
ORBNET Doors - ORBDoor (Out)	All day, every day	





Add this user account as a Net2 Operator, this will be the username a password used for the connection to Milestone. The Operator rights should be set as Supervisor.

	Configure operator right Choose your 'Operator p To remove an operator' Click 'Finish' to save ch	s and password. ermission' from the 'Operator rights' drop down m s permissions set their rights to 'None'. anges or 'Cancel' to abort:	enu.
5	Name	PAXTON ~ S	earch
	Operator rights	Supervisor ~	
	Password	XXXXXX	
	Confirm password	*****	
	C	ancel < Back Next >	Finish





Milestone Access Setup

This integration allows for XProtect Access to connect your access control system directly to Milestone's XProtect VMS. It is designed to fit perfectly with any XProtect product. No matter your installation size, with XProtect access you can control your video cameras and access your control system from a central interface.

Select the Access Control entry in the Milestone Management Client tree



Right-Click 'Access Control' and select 'Create new....'



Define a Name for your Access Control System Select the Paxton ACM from the dropdown

eate Access Control Sy	istem Integration	
Create access	control system integration	
Name the access cor	ntrol system integration, select the integration plug-in and enter the connection details.	
Name:	ORBNET Systems for Paxton Net2	
Name: Integration plug-in:	ORBNET Systems for Paxton Net2	~
Name: Integration plug-in:	ORBNET Systems for Paxton Net2 Paxton ACM V2	v





Enter the IP Address or Hostname of your Paxton Server with the post used for Paxton Web Access (Default 8080) **Note* If you are installing an 'all-in-one' system where Milestone XProtect and Paxton NET2 are on the same server follow steps under troubleshooting at the end of this document.*

Enter the credentials of a Net2 Operator with sufficient access rights to the doors you wish to monitor in XProtect.

The API key is the name of the file located on the Paxton Server as below, Copy this file name to the 'API Key:'

C:\Program Files (x86)\Paxton Access\Access Control\ApiLicences\

Create access control system	integration	
Name the access control system integration	, select the integration plug-in and enter the conne	ction details.
Name:	ORBNET Systems for Paxton Net2	
ntegration plug-in:	Paxton ACM V2	~
Address:	localhost	
Port:	8083	
HTTP over SSL (HTTPS requires certificate):		
Jser:	ORBNET	
Password:	••••••	
API Key:	•••••	
		Ν
		43





Connection to the Net2 system will now be completed and the permitted configuration will be received.

	ontrol system.		
Added			
Doors (1)		-	e 1.
Units (4)		-	
Servers (1)		-	,
Events (19)		-	•
Commands (3)		•	
States (19)		-	·

Expand the available Milestone cameras and drag and drop the associated camera to the access points.

Drag cameras to ti Client when access	meras he access points for each doo s control events related to one	or in the list. The associated cameras are used in the XProtect Smart e of the door's access points are triggered.
All doors V All doors V Name I ORBNET Office Access point: Ol Drop camera h Access point: Ol Drop camera h	RBNET Office (In) erre to associate it with the acc RBNET Office (Out) erre to associate it with the acc	Cameras:





Once added click 'Next'

	ameras			
)rag cameras to Client when acce	the access points for each ss control events related t	o door in the list. The one of the door'	he associated cameras are use s access points are triggered.	ed in the XProtect Smart
oors:			Cameras:	
All doors *			ORBNET Devices	
Name	Enabled License		AXIS P3215-VE Network	: Camera (192.168.1.203) - C
ORBNET Office	Pending		StableFPS	
Access point: (AXIS P3215-\ Drop camera Access point: (AXIS P3215-\ Drop camera	DRBNET Office (In) /E Network Camera (192.1 here to associate it with th DRBNET Office (Out) /E Network Camera (192.1 here to associate it with th	68.1.203) - Ca ne access poin 68.1.203) - Ca ne access poin		

The initial configuration is now complete. We can now go to the Milestone Management Client and enable additional settings.

ate Access Contro	I System Integration	x
You have s	iccessfully completed the access control system	n integration
Your XProtect Sn XProtect Smart (art Client users can now monitor access control events. See the help s lient for access control system integration.	system for how to optimize the
You can edit the control system.	integration settings in the access control system properties, if you, for	example, update the access
		Close





Alarm definitions

In the Milestone Management alarms can be created from Access Control Events -

The below alarm shows an easy method to create an access denied event on all doors in the system and then have that event auto display an alarm in the Milestone Smart Client showing a specified map view.

	 Alarm Definition Information 		
Aarm Definitions	Alarm definition		
Scar Park Pay Machine Alarm	Enable:		
Door Alert Event from Pi	Name:	Access Contol Alarm events	
B Pi Connected	Instructions:		_
I Disconnected			
			Access Contol Alarm events
	Trigger		
	Triggering event:	Access Control Event Categories	
		Access denied	A
	Sources:	All doors	Access Control Event Categories
	Activation period		Access denied
	Time profile:	Alternation	Access granted
		Anaya	Access request Alarm
	C Event based:	Start:	Error
		Stop:	Start:
	Мар		Stop:
			_
	Alarm manager view:	 Smart map Map 	_
	Alam manager view:	Smart map Map Car Showroom and Lot	_
	Alam manager view:	 Smart map Map Car Showroom and Lot 	
	Alam manager view: Related map: Operator action required Time limit:	Smart map Map Car Showroom and Lot Iminute	
	Alam manager view: Related map: Operator action required Time limit:	Smart map Map Car Showroom and Lot I minute	
	Alam manager view: Related map: Operator action required Time limit: Events triggered:	Smart map Map Car Showroom and Lot 1 minute	
	Alam manager view: Related map: Operator action required Time limit: Events triggered: Other	Smart map Map Car Showroom and Lot I minute	
	Alam manager view: Related map: Operator action required Time limit: Events triggered: Other Related cameras:	Smart map Map Car Showroom and Lot I minute Access Control In	
	Alam manager view: Related map: Operator action required Time limit: Events triggered: Other Related cameras: Initial alam owner:	Smart map Map Car Showroom and Lot I minute Access Control In	
	Alam manager view: Related map: Operator action required Time limit: Events triggered: Other Related cameras: Initial alam owner: Initial alam priority:	Smart map Map Car Showroom and Lot I minute Access Control In I: High	
	Alarm manager view: Related map: Operator action required Time limit: Events triggered: Other Related cameras: Initial alarm owner: Initial alarm priority: Alarm category:	Smart map Map Car Showroom and Lot I minute Access Control In I: High	
	Alam manager view: Related map: Operator action required Time limit: Events triggered: Other Related cameras: Initial alam owner: Initial alam priority: Alam category: Events triggered by alam:	Smart map Map Car Showroom and Lot I minute Access Control In I: High	
	Alam manager view: Related map: Operator action required Time limit: Events triggered: Other Related cameras: Initial alam owner: Initial alam priority: Alam category: Events triggered by alam: Auto-close alam:	Smart map Map Car Showroom and Lot I minute Access Control In I: High II: High IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	



Below shows the Alarm being triggered within the Smart Client. This will display a red flashing ring around the door that has triggered the event.





XProtect Access in Milestone Rules and Events

To access the Access Control events in Milestone select the Rules and Events > Rules section in the Management Client and then right click in the center column to add a new rule.

• Perform and action on <event>







With Milestone <Rules and Events> you can enable an event from the Net2 Access Control System to trigger an additional event or action in XProtect, the rule below is a simple example of how to record a specific camera when an Access denied event is received.

This is an example of a very simple rule to start recording on a given camera following the receipt of an 'access denied' event

-					-	Х
ame:	Email A	ccess denied event	s			
escription:	Record (Camera when office	door receives an access	denied event		
ctive:						
		St	tep 5: Stop actions			
Select stop action	on to perform					
Stop recordi	ng					^
Stop feed						
Set <smart td="" v<=""><td>Vall> to <prese< td=""><td>et></td><td></td><td></td><td></td><td></td></prese<></td></smart>	Vall> to <prese< td=""><td>et></td><td></td><td></td><td></td><td></td></prese<>	et>				
Set <smart td="" v<=""><td>Vall> <monitor:< td=""><td>> to show <cameras< td=""><td>\$></td><td></td><td></td><td></td></cameras<></td></monitor:<></td></smart>	Vall> <monitor:< td=""><td>> to show <cameras< td=""><td>\$></td><td></td><td></td><td></td></cameras<></td></monitor:<>	> to show <cameras< td=""><td>\$></td><td></td><td></td><td></td></cameras<>	\$>			
Set <smart td="" v<=""><td>Vall> <monitor:< td=""><td>> to show text '<mes< td=""><td>ssage>'</td><td></td><td></td><td></td></mes<></td></monitor:<></td></smart>	Vall> <monitor:< td=""><td>> to show text '<mes< td=""><td>ssage>'</td><td></td><td></td><td></td></mes<></td></monitor:<>	> to show text ' <mes< td=""><td>ssage>'</td><td></td><td></td><td></td></mes<>	ssage>'			
Remove <ca< td=""><td>meras> from <</td><td>Smart Wall> monito</td><td>or <monitor></monitor></td><td></td><td></td><td></td></ca<>	meras> from <	Smart Wall> monito	or <monitor></monitor>			
_ Restore defa	ult live frame r	rate				
Restore deta	ult recording fr	rame rate				
	11		A MODE ALLOCAL	1.005		
Restore defa	ult recording fr	rame rate of keyfran	mes for MPEG-4/H.264/h	1.265		
Restore defa	ult recording fr olling	rame rate of keyfran	mes for MPEG-4/H.264/h	1.265		 ~
Restore defa Resume patr	ult recording fr rolling	rame rate of keyfran	mes for MPEG-4/H.264/H	1.265		 *
Restore defa Resume patr dit the rule des erform an action	oult recording fr colling cription (click	an underlined item)	mes for MPEG-4/H.264/h	1.265		 ~
Restore defa Resume patr dit the rule des Perform an action from <u>ORBNE</u>	cription (click n on <u>Access de</u> T [+ units]	an underlined item)	mes for MPEG-4/H.264/i) ol Categories)	1.265		 ~
Restore defa Resume patr dit the rule des Perform an action from <u>ORBNE</u> tart recording im	ult recording fi rolling cription (click n on <u>Access de</u> T [+ units] rmediately on A	rame rate of keyfrar an underlined item) enied (Access Contro (ccess A	mes for MPEG-4/H.264/i) ol Categories)	1.265		~
Restore defa Resume patr dit the rule des Perform an action from <u>ORBNE</u> tart recording in Perform action 2	ault recording fr rolling cription (click n on Access de T (+ units) unediately on A 0 seconds after	rame rate of keyfrar an underlined item) enied (Access Contro locess A	mes for MPEG-4/H.264/i) ol Categories)	1.265		 ~
Restore defa Resume patr dit the rule des Perform an action from <u>ORBNE</u> tart recording im Perform action 2 top recording im	ult recording fr rolling cription (click n on <u>Access de</u> T (+ units) <u>imediately</u> on <u>A</u> 0 seconds after <u>imediately</u>	rame rate of keyfrar an underlined item) enied (Access Contro locess A	mes for MPEG-4/H.264/i) ol Categories)	1.265		~
Restore defa Resume patr dit the rule des Perform an action from <u>ORBNE</u> tart recording in Perform action 2 top recording in	ult recording fr rolling cription (click n on <u>Access de</u> T (+ units) <u>mediately</u> on <u>A</u> <u>0 seconds after</u> <u>mediately</u>	an underlined item) enied (Access Contro locess A	mes for MPEG-4/H.264/i	1.265		~
Restore defa Resume patr Perform an action from <u>ORBNE</u> tart recording in Perform action 2 top recording in	ult recording fr rolling cription (click n on <u>Access de</u> T (+ units) <u>imediately</u> on <u>A</u> <u>0 seconds after</u> <u>imediately</u>	rame rate of keyfran an underlined item) enied (Access Contro Iccess A	mes for MPEG-4/H.264/i) ol Categories)	1.265		 ~
Restore defa Resume patr Perform an action from <u>ORBNE</u> tart recording in Perform action 2 top recording in	ult recording fr rolling cription (click n on <u>Access de</u> T (+ unts) mediately on <u>A</u> <u>0 seconds after</u> mediately	rame rate of keyfran an underlined item) enied (Access Contro Iccess A	mes for MPEG-4/H.264/i	1.265		 >
Restore defa Resume patr Perform an action from <u>ORBNE</u> tart recording in Perform action 2 top recording in	ult recording fr rolling cription (click n on <u>Access de</u> <u>T (+ units)</u> <u>mediately on A</u> <u>0 seconds after</u> <u>mediately</u>	rame rate of keyfran an underlined item) enied (Access Contro Inccess A	mes for MPEG-4/H.264/i) ol Categories)	1.265		~
Restore defa Resume patr Edit the rule des Perform an action from <u>ORBNE</u> start recording in Perform action 2 stop recording in	ult recording fr rolling cription (click n on <u>Access de</u> <u>CT (+ units)</u> <u>imediately on A</u> <u>0 seconds after</u> <u>imediately</u>	rame rate of keyfrar an underlined item) enied (Access Contro Iccess A	mes for MPEG-4/H.264/t	1.265		~



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I/O Boards

The Integration supports the operation and control of Paxton Input/Output boards. This has four inputs and four outputs. This would be treated as a "door controller" within Milestone for licensing and for the ORBNET licensing.

This offers additional solutions that can be used within the Smart Client. Using overlay buttons, we are able to trigger the Paxton device relays connected to any device that would support a relay connection as a trigger. The inputs can be used to trigger events into Milestone via the ruling system, this could be a fire alarm or intruder alarm system so to make central users aware of certain activations.







Net2 Access Control in Milestone XProtect Smart Client

User Configuration

There are many options for the display and management of Access Control data in the Milestone Smart Client and the ORBNET Systems for Paxton Net integration seeks to enable many of these.

To begin with log into the Smart Client with a user who is a member of a role with Access Control Settings enabled in the Milestone Management Client

Roles Name	~ ₽	Role Settings	nt
Administrators (Adminis ORBNET	trators have co	- Access Control	in the second
		Security settings	Milestone XProtect Access
		Use access control View cardholders list Receive notification	t S
		Servers 👰 Matrix	👰 Alarms 🎼 Access Control

Smart Client Setup

Once logged into the Smart Client enter Setup mode via the right-hand site menu.







Access Monitor

Drag the Access Monitor into the window tile and select the source door and then choose if you are to receive events from a specific reader. The below example is of a door with read in/read out. Here we have 1 door / 2 readers and 2 cameras. The same door is associated with both windows in the Smart Client and individual readers per door.

System Overview	~
🕨 🧔 Alarms	
A CRB-826-3E9	
Access Monitor	

Specify the	e settings for the Access Monitor	Specify the	e settings for the Access Monitor
Door:	All doors 💌	Door:	ORBDoor, ORBNET Doors, ORBNET 🔻
Sources:	All sources	Sources:	All doors
Camera:		Camera:	ORBDoor ORBDoor (In)
Events:	All events	Events:	nted, 🔻
Commands:	All commands	Commands:	
Order:	Newest on top 👻	Order:	
	OK Can	cel	OK Cance









Smart Client Maps



All the Paxton components can be added to a map created within the Milestone Smart Client.

Icons for the Doors and readers can be added to the Milestone Maps. Note in the screenshot above that the reader icon will change color depending on the badge result.

Doors will be gray when closed, green when unlocked and show when they are physically open.

Readers / Door controllers will flash green and/or red depending on the badge presented.





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If there are faults with a door controller you will see a red X on the map



Under setup create a new layout (Recommended 1x1), drag the Map component into the blank tile. Select a floorplan image representing your site layout.

🕨 🧔 Alarms	💠 Set up map 🛛 — 🗆 🗡
• 4 ORB-826-3E9	✓ Create new map
Access Monitor	Name
🖮 Camera Navigator	Browse
o Carousel	
Hotspot	Use existing map
💮 HTML Page	► 🕅 Car Showroom and Lot
🖼 Image	► 🕅 Paxton
Map Map	
Matrix	
👫 Smart map	
=== Smart Wall	
Text	
🕮 Transact	



From the tools menu select Access Control, from the drop-down list you will now see Paxton devices that have been enabled within Milestone.







Special Features in MIP Side Panel

The Milestone Integration Platform panel provides some new features and shows upcoming features in new releases of the integration

Follow User

In the 'Follow User' field this is a quick way to find a member of staff or a cardholder. Simply adding their name to the box will mean that the next time they badge any door in the system this will generate a popup to alert as to their whereabouts.









Adding Visitors

With the integration to Paxton Net2 is the ability to create users in the Milestone Smart Client. *To complete this and provide a card will require a 3rd party card reader*. The GUI below shows the options. You can use a webcam connected to the Smart Client PC, import a picture and are also able to use a Milestone camera to generate a snapshot of the visitor.

First Name	
Jordan	
Last Name	
Langer	
Expiry date	
07/05/2021 🖩 6 : 05 PM *	
Token (click below and scan)	
123456	
	Webcam Snapshot
PIN 1214	Camera Snapshot
Details	Load Image
Access to Facility for 7 days	
	Add Visitor Close





Access Control Tab

The Access Control Tab in the Milestone Smart Client can be configured to be the central monitoring interface for the access control system. Net2 can have all events searched in the fields Events, specific doors and or cardholders. There is also an option to have the list live update.

Once an event is selected, as seen in the below screenshot – additional information is shown from the cardholder detail held in Net2.

Live Playba	ack Search	Alarm Manager	Transact Access Control System Monitor	+ 0 t ×
				Access control administration
Events Doors	Cardholders			
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4/2021 11:13:18	Access Denied	ORBNET Office (Out)	Jeff Kilington	
4/2021 10:20:22	Door Locked	ORBNET Office		Access Denied
4/2021 10:20:20	Access Granted	ORBNET Office (Out)	Eddie Cutts	Access denied - invalid token eventType=23 subType=22
4/2021 10:20:14	Door Unlocked	ORBNET Office		Time
4/2021 10:20:06	Door Locked	ORBNET Office		30/04/2021 11:18:43
4/2021 10:20:05	Access Granted	ORBNET Office (Out)	Eddie Cutts	Source ORENT OF A A
4/2021 10:19:59	Door Unlocked	ORBNET Office		Chanel Chice (Cut)
4/2021 10:19:45	Access Denied	ORBNET Office (Out)	Jeff Kilington	Jeff Kilington
4/2021 10:19:27	Access Denied	ORBNET Office (Out)	Jeff Kilington	
4/2021 10:05:47	Door Locked	ORBNET Office		User searchable ID
4/2021 10:05:44	Access Granted	ORBNET Office (Out)	Eddie Cutts	Evolv Date
4/2021 10:05:39	Door Unlocked	ORBNET Office		26 May 2021
4/2021 10:03:59	Door Locked	ORBNET Office		Activation Date





The Doors tab shows the list of doors in the system and also allows the control of the door from Milestone – Open – Hold Open - Close

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Cardholders tab allows the test search of users and also the single click search of all events for a specific user. It is then possible to create a report complete with a screenshot thumbnail for every event for the cardholder.

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Future Features

ORBNET Systems intend to release regular updates to the Net2 to Milestone Integration. If there are any features that you would like to see please contact <u>info@orbnetsys.com</u> and we will investigate the potential to include feature requests.

Roll Call and Lockdown are future Developments and will be in upcoming releases.

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V Pax	ton	
Follow	User	
Enter the the user to will trigge the camer	first name or lastname of o follow. The users card/p r a popup window showin ra linked to the door.	in 9
Visitors	s	
Add a new token and	w visitor by scanning a I capturing a photo	
	Add Visitor	
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Where	?	
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Troubleshooting



Event Server Installation

If Milestone was installed via a custom installation, the Event service may not have been included as it is not always required.

From the server/machine with the Milestone Management service follow to http://localhost/installation/admin/

This will provide a Milestone installation page where you will be about to run the installer for the Event Server. This must be installed

All-In-One Milestone/Paxton Server Installation

If you are installing a system where Milestone XProtect and Paxton NET2 are on the same server (common in demo scenarios) the default Paxton port of 8080 must be modified. This is because XProtect also uses this port for internal Management Server communication and only one process can use this port. It is not possible to modify this port in XProtect. To modify in Paxton:-

Navigate to C:\Program Files (x86)\Paxton Access\Access Control\nginx\conf\ – first take a backup of the file 'nginx.conf' – Then open a notepad as administrator and open the original file. Find the lines –

🧊 nginx.conf - Notepad							-		\times
<u>F</u> ile	<u>E</u> dit	F <u>o</u> rmat	<u>V</u> iew	<u>H</u> elp					
	<pre>server { listen 8080 default_server; listen [::]:8080 default_server; listen 8443 ssl http2 default_server; listen [::]:8443 ssl http2 default_server; server_name _;</pre>								
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			n 7 Co	11	100%	Windows (CRLE)	UTE-	.8	

Modify 8080 to a port unused on your system –we moved to 8083 and then be sure to save the file type as 'all files' and re-click the original .conf file before saving to ensure that you do not create a .txt file in this location. Now go to Services and restart the Paxton nginx service. This modification will now mean that the Local Web API for Paxton will now be located at http://localhost:8083

