Reshaping Security

DNA Fusion XProtect: ACM Plugin Installation Guide

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The DNA Fusion[™] Access Control and Security Management System uses equipment that generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this installation manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference. In which case the user will be required to correct the interference at the user's expense.

The DNA Fusion[™] Access Control and Security Management System shall be installed in accordance with this installation manual and in accordance with the National Electric Code (N.E.C), ANSI and NFPA 70 Regulations and recommendations.

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This manual has been written for DNA Fusion[™] version 8.x or higher

Print Date: April 25, 2024 Manual Number: MACMPI v8.1

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Table of Contents

Chapter 1: Introduction

DNA Fusion / XProtect ACM Integration Overview	1
Chapter 2: XProtect ACM Integration	
Install Flex API	3
Flex API Key	5
Installing the XProtect ACM Plug-In	6
Configuring the Flex Plug-In	7
DNA Fusion XProtect Management Application Settings	9
General Settings	9
Associated Cameras	9
Access Control Events	10
AccessRequestNotifications	11
Cardholders	13

Chapter 3: SmartClient DNA Fusion Setup

DNA Fusion on the Live tab	14
Add Access Monitors to Views	15
Overlay Buttons	16
Map Integration	16
DNA Fusion on the Access Control Tab	17
Events & Doors Status List Tab	17
Searching the Lists	19
Filtering the Lists	19
Export an Access Report	21
About DNA Fusion Request Noti ications	21
Access Request Noti ication Functionality	21
Disabling the DNA Access Control Functionality on the Smart Client	21

Introduction

In This Chapter

✓ Chapter Overview

This section is designed to introduce you to DNA Fusion[™] and the XProtect ACM integration.

How This Section is Organized

This section contains information on the DNA installation and configuration of hardware:

Chapter 1, "Introduction," gives an overview of the integration.

Chapter 2, "Integration and Installation," covers the XProtect installation including both the XProtect and the acre Security pieces as well as the configuration and integration steps.

Chapter 3, "Configuring," provides information on configuring the XProtect Access Control Module (ACM). This chapter will provide information on setting up the door and camera view in the XProtect Smart Client

ICONS AND CONVENTIONS USED IN THIS MANUAL

This manual uses the following icons to help you find useful or important information easily:

	This icon highlights time-saving hints, helpful shortcuts, and advice that you'll find especially helpful.
í	This icon marks information that is important enough for you to keep it filed in an easily accessible portion of your gray matter.
•	If something you're doing could damage the system, end up costing big bucks, lock you out of the system, or otherwise bring an end to civilization as we know it, you'll find it highlighted with the icon.

In addition to these icons, this manual uses several other conventions that make the instructions easy to understand:

A Special Font: Text that look like this indicates a menu item, toolbar selection, button, or a message from the system.

Boldface: Boldface text, which usually appears in numbered steps, tells you about specific actions that you should take.

DNA Fusion / XProtect ACM Integration Overview

acre Security DNA Fusion[™] seamlessly integrates with XProtect Access Control Module providing operators the ability to view alarms and events from within the XProtect[®] Smart Client as well as control doors within the system. The integration is supported in XProtect Enterprise and XProtect Corporate video management software.

The XProtect ACM plug-in uses the acre Security API application to deliver access control events into the XProtect Smart Client. This integration provides the following features:

- Ability to view associated cameras with door events
- Report on access events with associated video
- Monitor access events and alarms from the XProtect Smart Client
- Integration of mapping
- Cardholder event information as well as photo recall

Once installed and configured, the XProtect Smart Client provides an interface to the DNA Fusion access control system.

XProtect (Milestone) ACM Integration

2

In This Manual

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- Flex API Installation & XProtect ACM API Key
 - Installing and Configuring the XProtect ACM Software
 - Install and Configuring the XProtect Solution

The DNA Fusion integration with the XProtect ACM solution uses the Fusion Flex API. This allows the XProtect ACM plug-in to deliver access control events into the XProtect Smart Client while permitting XProtect Smart Client users to easily control access control modules (doors, gates, elevators, etc.).

The acre Security XProtect ACM enables live monitoring of access control events, photo recall of cardholders, ability to view live video linked to events from the DNA Fusion access control system, playback of video associated with access control events and centralized door state overview as well as door control.

Dedicated functions in XProtect Smart Client enables users to effectively monitor access events, manually control doors and conduct investigations on specific access points or cardholders.

The Flex API XProtect Plug-in will need to be installed on the workstation that the XProtect Event Server Service is running.

There are a few configuration items that will need to be setup in order to communicate with the XProtect application.

This includes the following:

- Install Flex API
 - For more information, see the Flex API manual.
- Acquire the XProtect ACM Flex API Key (See page 2-4)
- Install the FlexAPI XProtect Plug-in
 - □ Requires the correct license (XProtect ACM)
- Configure the Integration
- Installation Requirements
 - DNA Fusion 6.0 or higher
 - Flex API
 - XProtect Corporate
 - Windows 7 or higher

There are a number of required items that may need to be noted before starting the installation process.

- Flex API Key
- Host Computer URL

Install Flex API

The Flex API application will need to be installed on the workstation prior to installing the XProtect ACM plug-in.

The Flex API must be installed on the DNA Fusion server running the DNAdrvr32 service.

- 1. **Double click** the Flex API Install icon to begin the installation. The Welcome screen will appear.
- 2. **Click** the Next button to continue. The Select Destination window appears.
- 3. Click Next to accept the default Destination Location or click the Browse button to select a different location.

The default location for a 32-bit environment is C: Program Files\Flex API and C:\Program Files (x86)\Flex API for 64-bit environments.

select Destination Location	19
Where should Flex AP1 be installed?	4
L Setup will install Flex API into the following	g folder.
	different folder, click Drowso
To continue, click Next. If you would like to select a	a surgicity totaget block biotrage.

The Startup Credentials screen appears.

4. If needed, select This account, enter the Service Account information in the fields and click Next.

Or

If the DNAdrvr32 service is already running under a named account, the information will be prepopulated.

The Flex API requires a service account to run the application; this account will need to be a local machine Administrative in order to operate.

acre Security recommends using the same account the DNA Fusion driver utilizes. The Flex API uses the same COM objects, database connections and file permissions as the DNA Fusion driver (dnadrvr32).

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Specify the credenties to as	
Log on as:	
Local System acco	unt
This account:	dna_service
Credential should I accounts ".\Userna	be formatted as "DomainName\Userame" or for local me" or "ComputerName\Username"
Password:	
	Verify
	Verifying the credentials may lock the account for multiple failed attempts. Proceed with caution.

The Start Menu Folder screen appears.

5. Click Next to accept the default Start Menu location or click the Browse button to select a different folder.

The installation will attempt to place the Flex API in the same location as the DNA Fusion shortcut. The Ready to Install screen appears.

6. **Click** the Install button to start the installation process.

Installation will begin.

If the DNAdrvr32 service is running, it will be stopped and a dialog will appear. **Click** the Next button to continue.

- 7. When installation is complete a dialog box will appear, **press** Finish to complete the set up.
- 8. The Flex API installation is complete.

Flex API Key

This key will be used during the XProtect ACM Plug-In Configuration.

XProtect ACM Only

For XProtect ACM only integrations, use the following API Key:

RkFQSUtFAAJQAAAAQGVQOeKhSJeWL7Xy35SnPDTXKhaxRGWmRfZhITsmzNfqSwxyUmkWq6DK90u+IndXBLmtr+RGZd7MdPOE1xE7yn9P3V1NfBHC1eh79sheYqE=

Installing the XProtect ACM Plug-In

The acre Security XProtect ACM Plug-In must be installed on the workstation that is running the XProtect Event Server.

1. **Run** the FlexAPI XProtect Plugin Install page.

The EasyLobby Welcome screen appears.



2. Click the Next button.

The Ready to Install dialog opens.

3. Click the Next button to start the installation.

The Setup Completed screen appears.



4. Click the Finish button.

The installation is done.



The XProtect Event Server Service must be restarted after the XProtect ACM Plug-In is installed. If the service is not restarted, an error message will appear. The XProtect Event Server Service can be restarted from the Services Application on the machine hosting the application services.

Cite Mauria

Configuring the Flex Plug-In

Once the FlexAPI Plug-In has been installed and the service restarted, DNA Fusion will need to be configured within the XProtect Management Client.

1. Open the XProtect Management Client.

Milestone XProtect Management Client 2023 R3	₩ all 10.0.231,176 – 6 ×
File View Action Maintenance Tools Help	
⊟ 🤊 🕝 🗢 🛱	
Site Navigation 🚽 🗸 🗙	
DEMO-MILESTONE - (23.3a) Demo-MILESTONE - (23.3a)	milestone XProtect*
	Server: Welcome to the Milestone XProtect Management Client. This is your feature-rich administration client for configuration and day-to-day management of your system. Select any of the nodes in the left hand side - Basics, Servers, Devices, Client, Rules and Events, Security, System Dashboard, Server Logs, Metadata Use or Alarms - to learn more, or to start working. From the menu, select Help to activate the built-in help system, where you can find extensive help and information. Alternatively, press F1 on your Keyboard.

2. **Right click** on the Access Control option in the menu on the left and **select** Create New.

The Create Access Control System Integration dialog will appear.

If the Event Server Service was not restarted after the plug-in install, an error message will appear.

Croate access cont	al system integration			E	- DE	EMO-MILESTO	ONE - (23.3a)
create access cont	or system integration				÷ 🕕	Basics	
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 Enter the Flex API Service URL.
 This field automatically populates with http://localhost however it may need to be modified to match the DNA Fusion server URL address.

Next Cancel

6. Enter the API Key found on page 2-4 in the API Key field.

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7. Click the Next button to connect to DNA Fusion and import the various DNA Fusion objects into XProtect.

The DNA Fusion Doors, Controllers, Sites, Events, Commands and Hardware States will populate the dialog. Review the list to ensure that all items have been integrated before continuing to the next step.



- 8. **Click** the Next button to proceed with the configuration. The Associated Cameras dialog appears.
- 9. **Expand** the Server header in the Cameras pane to reveal the cameras.

Map access points in the access control system with the cameras in the XProtect system, to show related video for events from the doors.

Doors: Name Enabled License Cameras: Registry Extense Imaging Access point Imaging Access point Classroom G Access point Employee Extrance Imaging Access point Imaging Access point Employee Parking Extrance Imaging Panding Imaging All Steves (Server) Main Extrance Imaging Imaging Imaging All Steves (Server)	ent when access control events related	ch door in the li	st. The asso loor's acces	ciated co s points	ameras are used in the XProtect Smart are triggered.
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	lain Entry Door (Room \$840) arking Entrance de Employee Entrance P Entrance	100 100	Pending	8	

10. Drag and drop the camera to the desired Door.

The camera is listed under the door; several cameras can be mapped to one access point. The XProtect Smart Client user is then able to view video from all the cameras. The option to Remove the camera becomes available.



Licensed doors are by default enabled. **Clear** the check box to disable a door and thereby free a license.

11. Continue to associate cameras with doors and click the Next button when done.

The Integration Successful dialog will appear.

12. Click the Close button.

The DNA Fusion Integration will appear under the Access Control header in the XProtect Management Client.

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System Dashboard								
Server Logs								
Metadata Use								
R. Access Control								
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DNA Fusion XProtect Integration Manual

DNA Fusion XProtect Management Client Settings

There are a number of settings that can be configured within the XProtect Management Client. From the Access Control header, **expand** the option and **double click** on the DNA Fusion ACM integration. The Access Control Properties dialog will open.

Access Control 🚽 🖗	Access Control Information										₩ 4
Access Control	General setting	5									
1	Enabler	7									
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	🚱 General Settings 🦈	Doors and Associated Cameras	🗞 Access Control Events	Discuss Request Notifications	L Carcholders	DEV: Info	DEV: Item States & Commands	DEV: Category Mapping	DEV: Camera Mapping	DEV: Live Events	DIxx
L					-						- 14 14

General Settings

The General Settings page displays the Name and Description along with the Flex API URL and API Key.

Associated Cameras

The Associated Cameras dialog lists all the doors that have been imported from DNA Fusion as well as the cameras available through the XProtect server. To associate a camera:

- 1. **Expand** the list of cameras under the Server header.
- 2. **Drag and drop** a camera to the desired entry point.

The camera is assigned to the entry point.

Click the Remove button to disassociate a camera with an entry point.

Licensed doors are by default enabled. Clear the check box to disable a door and thereby free a license.

All doors V	C 11		~	
I CH D	Enabled	License		
Access point: ACM 2 access point Drop camera here to associate it wit	th the acc	ess point.		
ACM 8 - Door #8				
Aperio ES100				
Aperio IN100				
Aperio K100				
Contact Only Door				
Door 3 - AptiQ MTK15 Keypad Reader	V	Expires in 267 days	1	
Face Station 2				
Farpointe Delta6.4				
Farponte CSR-35L				
Farponte WRR-44 Button 1				
Farponte WRR-44 Button 2				
Front Employee Entrance	1	Expires in 267 days	1	
West Employee Entrance			V	
Viest Employee Entrance			X	

Access Control Events

The Access Control Events dialog provides the ability to designate which events will be monitored in the XProtect Smart Client. Categories can be used to simplify the use of triggering events. Custom user defined categories may also be created.

cess Control 🚽 👎	Access Control Information							
Access Control	Access control events							
	Enable the events you want to monitor in XProtect Smart Client. Use cate	gories to simplify the use of triggering events.						
	Enable all Disable all							
	Enabled Access Control Event	Source Type						
	Access Denied: After Deactivation Date	Door						
	Access Denied: After Deactivation Date (<<)	Door						
	Access Denied: Airlock is Busy	Door						
	Access Denied: Alarm Card Used!	Door						
	Access Denied: Alarm Card Used! (<<)	Door						
	Access Denied: Anti-passback violation	Door						
	Access Denied: Anti-passback violation (<<)	Door						
	Access Denied: Area Disabled	Door						
	Access Denied: Area Disabled (<<)	Door						
	Access Denied: Biometric Verification Error	Door						
	Access Denied: Biometric Verification Error (<<)	Door						
	Access Denied: Count Exceeded	Door						
	Access Denied: Count Exceeded (<<)	Door						
	Access Denied: Deactivated Card	Door						
	Access Denied: Deactivated Card (<<)	Door						
	Access Denied: Duress Code Detected	Door						
	Access Denied: Duress Code Detected (<<)	Door						
	Access Denied: F/C Extension	Door						
	Access Denied: F/C Extension (<<)	Door						
	Access Denied: Facility Code	Door						
	Access Denied: Failed the Bio Test: No Bio Device	Door						

To monitor the event:

1. **Check** the Select box next to the Access Control Event to be monitored.

When an event is enabled, it is stored in the XProtect event database and is, for example, available for filtering in the XProtect Smart Client.

2. Select the Event Category from the drop down list.

Error

Monitor Point Active
Warning

Assign none, one or more event categories to the access control events. The system automatically maps relevant event categories to the events during integration. This enables a default setup in the XProtect system. Mapping can be changed at any time.

Built-in event categories are:

- Access Denied
- Access Granted
 Access granted
- Access Granted
 Access granted
 Access granted
 Access granted
 Access granted
- Access Request
 Access
- Alarm
- Error
- Warning

If desired, **click** the User-defined Categories button to create new categories.

Name	Add
Monitor Point Active	Remov

The categories are global for all integration systems added to the XProtect system. They allow setting up cross-system handling, for example on alarm definitions. If a user-defined event category is deleted, a warning is displayed if it is used by any integration. If you delete it anyway, all configurations made with this category, will not work anymore.

3. **Click** the OK button to save the changes.

Access Request Notifications

Access Request Notifications, previously known as Access Control Actions, are a means of setting up alerts within the XProtect Smart Client. To add a new notification you will need to follow these steps.

Adding an Access Request Notification

1. Click on the Access Request Notification Tab located at the bottom of the screen.

By Default there may be a Built-in Access Request Notification (read only) notification.

- 2. Click on the Add Access Request Notification Button.
- 3. Name your new Access Request Notification
- 4. Configure the Camera, Speakers, Microphones, and Sound settings for the request.
- 5. Click the Add Command button
- 6. Open the Command List and Select which Commands appear on the notification.

For more information on Commands please visit the XProtect Access KB.

Access Control	Access Costal Information	
🕀 🌄 Access Control		
-ej 422000	Access request notifications	
	Specify the settings for each access request notification you define.	
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	Buter Acress Report Ntificator (vert orb)	
	Security Crity: Request Open X	
	John A	
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		Momentary Unlock
		Disable +
		Unlocked
		Locked +
	Add Access Payand Technology	Facility Code
	Access request notification details	Card Only +
	Configure the access request rotification behavior.	Pin Only +
<u>Λ</u>	Careers Career VB-MID (102:193:101:62)-Ca. Careers VB-MID (102:193:101:62)-Ca. Careers VB-MID (102:193:101:62)-Ca.	Card and Pin +
	Speaker Convend	Card or Pin +
	Morghone UL Agent V X	Access Denied
	Sound sket	Access Granted
		AP Active
		AP Deactivate
		Bosch Arm Disarm w Card Read
		DEMO All/Clear
		DEMO lockdown
		Door Forced Camera Callun
		Isonas - Lockdown on Card
		Isonas - Remove Lockdown on Card
		Isonas Unlock door
		Lock Door RSV +
	Add Command	Lockdown +
	General Setting 🤏 Doors and Associated Cameria & Access Descent Dates of Cameria Response DEV Line Setting Sciences Associated Cameria Associated Ca	Panic Alarm Active
		Panic Alarm Deactivate
		Reset Doors SSP 1
		Reset Doors SSP 2
	Commander	Reset Doors SSP 3
	G = Command	Simulated Card Reads
	Select command.	Time and Attendance - IN Reads
		Time and Attendance - Out Reads Related access request commands
		Unlock Door All related commands
		Unlock Door RSV Access control command
		Disarm • System command
		Arm
		Activate •
		Deactivate +
		Momentary >

Notification Pop Up

When the notification pops up on the desktop, a sound plays if you choose to include an audible notification. The built-in access request notification doesn't include a sound.

Access request notifications can trigger pop up notifications from the XProtect rules system, and these notifications don't need to be related to access control hardware devices.



Cardholders

The Cardholders tab contains information about cardholders from the DNA Fusion access control system along with their photo.

Search cardholder Q			
Name 45TH FLOOR MAID 15133	Туре	Abrahamson, Mitch	
ABBOTT, JASON	-		
Abovtes, Joseph			
Aberburnian, Mitch			
ACCARDO, DAVID			
ACKLEY, KELLEY			
ADAMS, DAISHA			
Alanis, Audra			
ALEJANDRE, ROSEMARY			
ALFARO, CANDIDA			
ALLEN, FRANK			
ALLEN, JEANNIE			
ALVARADO DE MONTAZARI, ROCIO			
ANDERSON, CONNIE			
ANDREWS, TANA			
Ann, Beth	-		
ANTONINI, TERESA			
APPEL SHANA			
ARMSTRONG, LAURIE			
ARREDONDO-BRAVO, MANUEL			
Au, Lisa			
AUBURG, JENNIFER			
AUSTIN, FAITH			
AUSTIN, MICHAEL			
AYALA, MONICA			
AYRHART JOYCE		*	

To search for a cardholder, type the characters of the cardholder name and it will appear in the list, if it exists in the DNA Fusion cardholder database.

XProtect Smart Client DNA Fusion Setup



Access control in the XProtect Smart Client integrates events from the acre Security DNA Fusion access control system with the features of the XProtect video management software. The information from DNA Fusion generates events in the XProtect system.

On the Views tab, access control events can be monitored in real time, and on the Access Control tab, particular events and door states can be viewed and investigated as they happen.

The Live tab (The latest version may have the Playback and Live tabs combined into the Views section, please contact Milestone Systems for more information on the latest version of the XProtect Smart Client) provides video from the cameras associated with the doors from DNA Fusion. This gives a full overview of the live access control events associated with these cameras.

In setup mode, the view can be customized with overlay buttons and access control commands, such as locking and unlocking of doors as well as direct commands.



The Access Control tab provides a dedicated view for all the DNA Fusion access control events along with the cardholder information and photo if available. The door view includes a list of the doors and their current state. When an event or door is selected, all the associated cameras show the event or live video on the right-hand side of the screen together with detailed cardholder information.

Milestone XProtect S	mart Client 2014			10/15/2015 12:11:31 PM - 0	х
Live Playbac	k Sequence Explo	rer Alarm Manage	r 💋 🛛 Access Control		2
				Access Control Administration	Ę
Figure Doors					
Press Proves					
Search contholder	9	ø			
Today y All events	· All doors ·				
Contraction of Contraction				Access Report	-
Time 🖛	Event	Source	Cardholder	Left Front Classroom Camera - 10/15/2015 12/0158 PM	
0/15/2015 12:05:18 PM	Access Denied: Not In Card	Boerne Elementary Employe	Barrow, Sherinda		
10/15/2015 12:05:10 PM	Access Denied: Not In Card	Boerne Elementary Main En	Barrow, Sherinda	1	
0/15/2015 12:04:37 PM	Door Closed	Boerne Elementary Main En			
0/15/2015 12:04:26 PM	Access Granted: Door Used	Boerne Elementary Main En	Abrahamson, Mitch		
10/15/2015 12:03:59 PM	Door Closed	Keller High School Parking I		and the second se	
10/15/2015 12:03:56 PM	Door Held	Keller High School Parking I			
0/15/2015 12:03:16 PM	Door Forced	Keller High School Parking I			
0/15/2015 12:02:35 PM	Door Closed	Boerne Elementary Main En		A DECEMBER OF	
0/15/2015 12:02:34 PM	Door Opened	Boerne Elementary Main En			-
10/15/2015 12:02:11 PM	Door Closed	Keller High School Main Ent		120159.000 PM	
10/15/2015 12:02:10 PM	Door Closed	Keller High School Parking I			_
10/15/2015 12:02:00 PM	Access Granted: Door Used	Keller High School Main Ent	Barney, Cheri	Access Granted: Door Used	
10/15/2015 12:01:59 PM	Access Granted: Door Used	Keller High School Parking I	Barney, Chen	Access Granted: Door Used	
10/15/2015 11:51:43 AM	Door Closed	Keller High School Parking I		Time	
10/15/2015 11:51:43 AM	Door Closed	Keller High School Main Ent		10/15/2015 12:01:59 PM	
0/15/2015 11:51:32 AM	Access Granted: Door Used	Keller High School Parking I	Bishop, Diana	Source	
0/15/2015 11:51:32 AM	Door Closed	Keller High School Parking I		Keller High School Parking Lot Entrance	
10/15/2015 11:51:32 AM	Access Granted: Door Used	Keller High School Main Ent	Bishop, Diana	Barney, Cheri	
10/15/2015 11:51:32 AM	Door Closed	Keller High School Main Ent			
10/15/2015 11:51:31 AM	Access Granted: Door Used	Keller High School Main Ent	Bishop, Diana		
10/15/2015 11:51:30 AM	Access Granted: Door Used	Keller High School Parking I	Bishop, Diana		
10/15/2015 11 50 42 AM	Access Denied: After Deart	Keller High School Parking I	Rishon Diana	Contraction of the second s	

DNA Fusion on the Live tab

On the Live tab, video from the DNA Fusion events can be viewed from the cameras associated with access control sources. The events and any associated photo are displayed as a list to the right of the video.



When an Event is selected from the list, the live video automatically pauses and changes to independent playback of the event video. To go back to viewing live video, either **click** the event again or **click** the Independent playback icon on the camera toolbar. If the system and the event hold cardholder information, **click** the Search icon next to the cardholder name on a selected event to jump to the Access Control tab and view all events associated with the cardholder.

Add Access Monitors to Views

1. From the Live tab, click the Setup button.



- 2. **Select** the view you want to associate an Access Control camera with from the Views pane.
- 3. In the System Overview pane, **click** Access Monitor and **drag** it to the relevant position in the view. The Access Monitor Settings dialog will appear.

Door:	-	*
Sources:	All sources	
Camera:		
Events:	Allievents	
Commands	49 journmands	
Orden	Newest on top	

In the Access Monitor Settings dialog that appears, specify the door and camera, and the appearance 4. of the view item.

Specify how the access control event will display on the Live tab in the Properties pane.

- **Select** the door to view along with the associated camera. If a door has multiple access points and associated cameras, a view can be set up for each of the access points.
- **Specify** which events to view. For example, set up view items for different event types: one for system events and one for access requests.
- Select the commands that will be available to the operator.
- Specify the display order of the event list in the Access Monitor view item.
- 5. **Click** the OK button to save the pane.
- **Repeat** until all the desired DNA Fusion access points are in the view. 6.
- 7. **Click** the Live button to view the pane.

Overlay Buttons

All comman

2 Disable

V Unlocker

V Facility Code Card Only Pin Only Card and Pir

Card or Pin

1 Loci

Momentary Uni

Overlay command buttons tied to DNA Fusion access control commands configured for the doors can be added to a view.

- From the Live tab, click the Setup button. 1.
- **Select** the view you want to associate an Overlay Button with from the Views pane. 2.
- In the Overlay Button pane, expand the Access Control item to locate the desired door. 3.



Expand the door to reveal the Door Modes and drag the Mode to the relevant position in the view. 4. The button will appear on the pane view.



5. Resize or edit the button as needed.

Map Integration

If the map functionality will be used to support the surveillance and access control systems, the access control units can be added to a map. From the map toolbox, select access control units, for example a door. Since the state of the access control units are always visible, a map used in this way is a quick way to get a graphical overview of the curent state of the access control units for the area or building being monitored. You can additionally add smart control icons to the Surveillance map.

Specify the settings for the Access Monito

All events V Error We We

V Alarm

Access granite

Access reques

(uncategorized

Access control even

Access der

Jr High Main Entra me Ele

tary Emplo

Error, Warning, Alarm, Access granted.

DNA Fusion on the Access Control Tab

DNA Fusion related events and the state of the doors is displayed on the Access Control tab. From this tab, logged events can be investigated, the current door status is visible and certain commands can be initiated.

To allow for optimum performance, the lists only display a maximum of 100 rows at a time. To browse to the previous/next 100 rows, use the arrow buttons in the top right of the list.



The columns can be sorted by clicking on the desired column header; columns may also be dragged to different positions to rearrange the grid.

The Access Control tab can be dragged to a separate window, allowing the main window to be open in the background to watch several views simultaneously.

Events & Doors Status List Tab

On the Access Control pane, there are 2 status list tabs: Events & Doors. Each tab provides a different view of the DNA Fusion system.

• Events Tab: The Events are logged with a timestamp, event type, the DNA Fusion associated door or access control unit description and cardholder name if available. When an event is selected, the preview on the right displays the related video sequence for the event. The preview camera title bar shows the camera related to the unit that triggered the event.

Related cardholder information, including the cardholders photo, appears below the video preview together with details about the selected event. **Click** to view live video or play back recorded video in a floating window.



Standard playback options are available from the toolbar. If multiple cameras are associated with a door, they all appear in the preview.

• Doors Tab: The Doors lists the doors, access points and other access control units in the DNA Fusion access control system, and their current state. When a door is selected, the associated camera shows live video on the right-hand side of the screen together with detailed information about the doors status.

Action buttons allow you to perform certain commands related to that door, for example lock or unlock door. Information related to the selected door appears below the live video preview. **Click** to view live video or play back recorded video in a floating window.



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Standard playback options are available from the toolbar. If multiple cameras are associated with a door, they all appear in the preview.

Searching the Lists

The Search box can used to search for a particular cardholder in the Event list or for a door or other Fusion component in the Doors list. If the Live Update Time option is not selected in the Time filter, the list only displays data from the time you searched or filtered. To view the latest data, **click** the Refresh button.

Filtering the Lists

There are several ways to filter the Events or Doors Status List Tabs so they display only the door(s) and/or other desired component(s). Click any of the filters at the top of the list to see only data associated with that filter. Any applied filters are immediately reflected in the list.

Events List

Time

Select one of the available time periods to see data for that particular period. For example, click Today to see only events that took place today or use the Custom interval option to specify a particular time period.



If the Live update option is selected, the list of events is updated instantly when new events occur. The list displays a maximum of 100 events. Cardholders cannot be searched when the Live update option is selected.



Events

Select one or more of the available event types directly from the list of event categories and uncategorized events or **select** the Access Control Event... item and **check specific access control** events from the resulting dialog.

All events
Access denied
✓ Access granted
✓ Access request
✓ Alarm
✓ Error
✓ Warning
✓ [uncategorized]
Access control event

All events 🔻

Source (All Doors) Select one or more of the available DNA Fusion doors directly from the list of doors or select the Other option to choose different sources (for example access points or controllers from DNA Fusion) to view only events for those items.

Access Denied: Altro Desclusion Access Denied Attro Castivation Access Denied: Alarm Card Used! Access Denied: Area Disabled Access Denied: Area Disabled Access Denied: Alare Disabled Access Denied: Biometric Venifcati Access Denied: Disorticit Venifcati Access Denied: Count Sceeded Access





All doors 🔻

Cardholder

Enter the cardholder information in the Search dialog. Cardholders cannot be searched when the Live update option is selected.

Right Click Filter

Right clicking on an event will open a filter dialog based on the value in the event. **Selecting** the Filter using this value option will return results related to the selected event.

10/15/2015 12:02:11 PM	Door Closed	Keller High School Main Ent	Access Granted: Door Used
10/15/2015 12:02:10 PM	Door Closed	Keller High School Parking I	Access Granted: Door Used
10/15/2015 12:02:00 PM	Access Granted: Door U	sed Keller High School Main Ent Barney, Cheri	Time:
10/15/2015 12:01:59 PM	Access Granted: Door U	Ised Keller High School Parki Filter using this value	10/15/2015 12:02:00 PM
10/15/2015 11:51:43 AM	Door Closed	Keller High School Parking I	Source
			Keller High School Main Entrance

Doors

Select one or more of the available doors, access points and uncategorized types or **select** the Access Control Types option and **check** other DNA Fusion components to view.

lect.

Select Access Control Types

Access Point
 Controller
 DNA Fusion Server
 Door



Door locked
 Door open

✓ Door unlocked

System connected

✓ [uncategorized]

Access control state.

✓ Error

✓ Warning

States

Select one or more of the available states directly from the list of state categories and uncategorized states or select between specific access control states by **selecting** the Access Control State option and **specifying** the desired individual states.

Select Access Control

1 - Disabi

2 - Unlocked

7 - Card and PIN

8 - Card or PIN

Connected Forced Masked

Forced Open Held Masked Held Open

3 - Locked 4 - Facility Code 5 - Card Only 6 - PIN Only

Export an Access Report

The Access Report is available from the Events tab except in Live Update mode. The report can be exported to a PDF file.

OX. Cancel

1. Click the Access Report Access Report button.

The Access Report dialog will open.

2. Click the Create button to generate the report.

A status bar will appear across the top of the XProtect Smart Client.

Once finished, click the Details button to view a summary.



Click the Open button to open the report in Adobe Reader.

Report details	and the second se
Completed	
Report location: C\Users\sbarrow\Docume	nts\Milestone\Access Reports
	Open Close

The report contains:

- □ Report name
- Report destination
- A list of the applied filters
- A comment field
- An option to include snapshots

If the event count is very high, you will receive a recommendation to refine the search and thereby reduce the number of search results.



Doors List

OK Cance

About DNA Fusion Request Notifications

All conditions that trigger an access request notification have to be specified in the video management software. The notification displays video related to the access request, displaying the person who is requesting access. The name of the door that should open is shown as a headline, indicating, for example, Access Request - Front door. The door state (for example open, closed or forced open) also appears. If you have multiple cameras associated with a door, they appear below each other. Click the Video icon with a floating window.

Access request notifications are temporary. If an access request notification is closed, the access request is no longer present in the system. If XProtect Smart Client is closed while an access request notification is shown, the access request is not restored when the XProtect Smart Client is restarted.

Access requests stack up on each other in the access request notification window so that all incoming access request notifications can be handled from the same notification window. The notification window can also be dragged to the other side of the screen. If needed, the access request notification window can be minimized to allow the functionality to continue in the background. The minimized notification window blinks to indicate the presence of new notifications.

Access Request Notification Functionality

Access request notifications allow the operator to speak and listen to the person who wants to enter, if a speaker and/or microphone is attached to the relevant camera that shows the access request notification:

- To listen to what the person requesting access is saying, click the Speaker button.
- To speak to the person requesting access, for example to give instructions on how to proceed or behave in the area, click the Microphone button and hold the button.

To the right of the Microphone and Speaker buttons, are buttons that allow certain actions to be executed. The most typical action is to unlock a door for a person requesting access, but could also be to turn on the lights in the area close to the relevant entry. If available, the cardholder information will be displayed.

Disabling the DNA Access Control Functionality on the XProtect Smart Client

If a client does not need to view the DNA Fusion access control features and functions.

To turn off access request handling

1. Click the Options icon 🔅 .

The Options dialog will open.

2. Select the Access Control item from the menu.

Application	Option	Setting
anes	Show Access Request Notifications	Yes
unctions		Yes
Timeline		Na
Export		
Reyboard		
oystick		
WEBER C MINDI	100 million (100 million)	
Alarm		
Advanced		
Languagé		
Help		OK Cancel

3. From the Show Access Request Notifications drop down, **select** No to turn off access request notifications. To handle access requests again, **select** Yes to receive access request notifications from DNA Fusion.