INSTALLATION GUIDE

VERSION 2024R3 November 2024



Ipfusion.ca



About IPFusion Installation

This guide assumes you have a Milestone XProtect 2017 R3 system or newer installed and licensed.

This guide describes the process of downloading, installing, licensing, and configuring IPFusion Control.

Software Requirements

Minimum system requirements for Designer and Runtime:

Asset count less than 5,000 Assets

CPU	Intel Core i3-12300 or equivalent. Must have a minimum passmark score of 14,000. See <u>www.cpubenchmark.net</u> for a list of processors.
Memory	8GB
Screen Resolution	1280 x 1024(* 1920 x 1080)
Operating System	Windows Server 2016 or newer, Windows 10, Windows 11
.NET	4.8

* recommended

EQUIR



Asset count 5,000 to 10,000 Assets

CPU	Intel Core i5-12500 or equivalent. Must have a minimum passmark score of 19,000. See <u>www.cpubenchmark.net</u> for a list of processors.
Memory	16GB
Screen Resolution	1280 x 1024 (* 1920 x 1080)
Operating System	Windows Server 2016 or newer, Windows 10, Windows 11
.NET	4.8

* recommended

Asset count 10,000 – 20,000 Assets

CPU	Intel Core i7-12700 or equivalent. Must have a minimum passmark score of 30,000. See <u>www.cpubenchmark.net</u> for a list of processors.
Memory	16GB
Screen Resolution	1280 x 1024(* 1920 x 1080)
Operating System	Windows Server 2016 or newer, Windows 10, Windows 11
.NET	4.8

* recommended

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EQUIR

Asset count greater than 20,000 Assets

CPU	Intel Core i9-12900 or equivalent. Must have a minimum passmark score of 34,000. See <u>www.cpubenchmark.net</u> for a list of processors.
Memory	16GB
Screen Resolution	1280 x 1024 (* 1920 x 1080)
Operating System	Windows Server 2016 or newer, Windows 10, Windows 11
.NET	4.8

* recommended

Minimum requirements for a video processing workstation

CPU	Intel Core i7-12700 or equivalent. Must have a minimum passmark score of 30,000. See <u>www.cpubenchmark.net</u> for a list of processors.
Memory	16GB
GPU	GeForce GTX 1650 or equivalent. Must have a minimum passmark score of 7000. See <u>videocardbenchmark.net</u> for a list of video cards.
Screen Resolution	1280 x 1024 (* 1920 x 1080)
Operating System	Windows Server 2016 or newer, Windows 10, Windows 11
.NET	4.8

(Up to 16 Video Panes)

* recommended

Note: This requirement is only necessary if video is being used in the project.



Minimum network requirements for IPFusion

Latency	Less than 100ms between IPFusion Control Workstations.			
Bandwidth	1Gbps			
Uptime	99.999%			

QUIREMENTS Π



IPFusion Installer

1. Go to the IPFusion Partner Portal at <u>partner.ipfusion.ca</u>



- Log in. If you do not have an account, please select Sign Up and create an account.
- 3. Navigate to Software Downloads.



INSTALLER

Software Downloads	Documentation		
Support	Request a License		

4. In Software Downloads, next to IPFusion Control Suite, click on **Download**.

IPFusion			
IPFusion Suite	This package includes IPFusion, VideoFusion, Tools, and Integrated System drivers. View the Release Notes for more information	2024 R2	¢ Downloc



 Sometimes, the ZIP file is blocked by Windows security. Unblock the ZIP file by right clicking the file > properties > at the bottom, select Unblock.

Attributes:	Read-only Hidden Advanced
Security:	This file came from another computer and might be blocked to help protect this computer.
	OK Cancel Apply

6. After IPFusion Control Setup has downloaded, click **Extract all** and save it on the computer.

	Ĩ0	(A])	Ċ	Û	↑↓ Sort	v	: ا	View	~	6	Extract a	all		
	Name			^					Туре	2				Compressed size
1.1	installati	ionfiles							File	folder				
	setup								Арр	lication				

INSTALLER

7. Once completed, double-click on the **setup** application file.

Name ^	Туре	Compressed size
📁 installationfiles	File folder	
C setup	Application	1,154 KB



8. At the **Installation Summary** page, select **IPFusion** under the **Workstation** section.

Worl	kstation IPFusion Installed: 2592423.01 Latest: 25924201.02	Vř	VideoFusion Not Installed Latest: 1.6.24110.3		- × PEUSON Installation Summary UPFusion Upgrade
1001s	S API Server Not Installed Latest 1.2.24047.1 Reporting Client Not Installed Latest 3.4.24119.04		Logging Server Not Intalled Latest: 3.4.24119.04	OPC Tag Database Installed 27242803 Latest	
Data	Servers Actail ATLAS Not Installed Latest: 1.7.24165.1		Advanced Network Devices Not Installed Latest: 1.5.20332.2	AiRISTA Flow RTLS Not installed Latest: 2.6.24082.1	
Installatio	Ascom Telligence Not Installed Directory: C\Program Files (x86)\IPF	J usion	Avigilon Control Center	BACnet Not installed	View EULA

9. To install Milestone XProtect, find and select Milestone XProtect under Data Servers.



NSTALLER



10. Verify that **Milestone XProtect** and **IPFusion** is listed under Installation Summary. Click **Install**.

Worl	kstation					- ×
8	IPFusion Installed: 2.59.24123.01 Latest: 2.59.24201.02		VideoFusion Not Installed Latest: 1.6.24110.3			Installation Summary
Tools	5					Milestone XProtect Upgrade
*	API Server Not installed Latest: 1.2.24047.1		Logging Server Not Installed Latest: 3.4.24119.04		OPC Tag Database Installed: 2.7.24228.03 Latest	
0 Data	Not installed Latest: 3.4.24119.04					
*	Actail ATLAS Not Installed Latest: 1.7.24165.1		Advanced Network Devices Not installed Latest: 1.5.20332.2	-	AiRISTA Flow RTLS Not installed Latest: 2.6.24082.1	
22	Ascom Telligence		Avigilon Control Center		BACnet	
			Not Installed		Not Installed	View EULA
Installatio	on Directory: C:\Program Files (x86)\IPF	usion				Install

IPFusion and **Milestone XProtect** will now be installed onto the Workstation. You can now configure **IPFusion** to connect to a **Milestone XProtect System**.

NSTALLER



IPFusion Licensing

All instances of Runtime will require a license. While Designer does not require a license, it is recommended to prevent warnings. Ensure that licenses are acquired for each Workstation you want to run Runtime.

1. Open IPFusion License Manager.



2. Click **Generate License Request File** to generate a *.keyreq* file. Save the file to a secure location.

License N	lanager	×
	Generate License Request File	
	Import License Request	
	Gose	

LICENSING



3. Go to the IPFusion Partner Portal at partner.ipfusion.ca.



- 4. Log in.
- 5. Navigate to Request a License.

陀 🛛 IPFusion Partner Portal 🛛 Sales 🗝 Support 🗝

WELCOME

CENSING

We have been creating complex integrations since the 1990's, for customers in a wide range of markets. In 2012, we redesigned our platform create an automation and systems integration solution that would provide unparalleled flexibility and reliability for customers.

With that redesign, IPFusion[®] was born.



WWW.IPFUSION.CA/CONTROL



- 6. In the **End User** section, fill in the information for the organization who will be using the IPFusion installation.
 - a. Name The name of the organization who is using the IPFusion installation.
 - b. Site The location where the IPFusion Control installation will be. This can be an address or institutional name.
 - c. Contact Name The name of your project manager for the site.
 - d. **Contact Phone** The phone number for the institution. It is usually recommended to use the institution's main line.
 - e. **Contact Note** Further information for the contact. For example, they may leave alternative contact information.

End User

Name

Municipality of Springfield

Contact Name

Bill Smith

Site

City Hall

Contact Phone

888-111-1111

Contact Note

If I am unable to answer the above phone number, you can contact me at 888-222-2222.

LICENSING



- 7. In the **Partner** section, fill in the following:
 - a. Partner Name The reseller for this IPFusion installation.
 - Project Number The partner will have a number specific to the project.
 - c. **Purchase Order** The partner will have a purchase order for the project.
 - d. **Partner Note** Any further information about the partner.

Partner			
Name	Project (e.g. Number)	Purchase Order	
Acme Corp.	22222	333333	
Partner Note			
Ordered from the Springfi	eld location.		

- 8. Fill in the **IPFusion Use** section with the following:
 - a. Number of Assets The maximum number of integrated system devices to be used.
 - b. Check all integrated systems that you intend to use for the project.
 - c. If there are systems you need to license which are not in the list, set **Other Systems** for the rest.

IPFusion Use

Number of Assets

256

Integrated Systems

Acuity nLight

- AppArmor Alert
- Bosch Security
- Deister Electronic ProxSafe
- □ Advanced Network Devices
- Ascom Telligence
- Cisco Unified Communications
- Douglas Lighting Dialog
- Airista Flow UVS
- Avigilon Control Center
- □ Control By Web
- Douglas Lighting WNP-2150

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9. In License Type, select the Key Type Software.

License Type	
Key Type	
Software	•
License Req. File(s)	
Choose Files 10 files	

10. Click the **End User License Agreement** link to view the agreement. To complete the license submission, accept the license agreement and click **Submit**.



The license keys will be approved within 72 hours. Once your licenses are approved, open your license request submission and download the licenses.

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IPFusion Control Configuration with Milestone Integration

In this section, we will configure a basic IPFusion project to callup cameras to a Milestone XProtect Smart Wall.

PREREQUISITES

Before following the steps below, please ensure you have the following:

- Licensed Milestone XProtect System, 2017 R3 or newer
- Two video surveillance cameras setup in Milestone XProtect
- Milestone Server Credentials
- At least one Smart Wall configured with a Monitor

For information on how to acquire the prerequisites above, please see the following sections:

- Appendix A: Configuring Authentication with Milestone XProtect
- Appendix B: Find Milestone GUID
- Appendix C: Find Milestone Monitor ID
- Appendix D: Find Milestone Tile ID



Creating a New Project

- 1. Launch IPFusion Designer.
- 2. In the Start Page, click New Project...



3. Give the project a name and a location. Then, click **Next**.

New Project Wizard	×
	Create New Project
General	General Settings Please enter the name of your project and celect a cave location
Workstations	Project Name: MilestoneDemo
Display Layouts	Location: C\/PFusion\Projects\MilestoneDemo
Maps	
Integrated Systems	
	Next >

NEW PROJECT



 Ensure the project has at least one workstation and give it a Host Address of 127.0.0.1. Then, click Next.

New Project Wizard			×
	Create New P	Project	
	Workstation		
Workstations	Description:	Host Address:	
Display Layouts	NewWorkstation-0	127.0.0.1	
Maps			
Integrated Systems			
	Add		_
	Add Remove	< Back	Next >

 Leave the rest as their defaults/blank; Display Layouts, Maps, and Integrated Systems will be configured later. Click Next and then Finish to exit the New Project Wizard.

CONFIGURING THE MILESTONE INTEGRATED SYSTEM

6. In the Project Explorer pane on the right, right click **Integrated Systems** and click **Add**.

_	Devices Evaluation (
	Project explorer →
	Search
	 ✓ ● MilestoneDemo > □ Resources ✓ Ø Display Layouts
	 Display Layout-0 Display Layout Items Maps
	☐ Map-0 ▼
	Background Workflows

WWW.IPFUSION.CA/CONTROL

NEW PROJE



Add Integ	rated System 🗙 🗙
Туре:	Milestone XProtect *
Name:	Milestone XProtect
	OK Cancel

8. Under General Settings, click **Communication** and enter your Milestone Server information. For more details, see Appendix A: Configuring Authentication with Milestone XProtect.

 General Settings 	Communication Settings	
General		
Communication Settings	Driver Settings	
✓ Status Tables		
Default Camera Statuses	Server Address	192.0.2.1
Default Input Statuses	Username:	Operator
Default Output Statuses		
Default System Statuses	Password:	•••••
 Command Tables 	Domain:	MILE2023B3
Default Camera Commands		
Default PTZ Commands	Authentication Type:	Windows 🔹
Default Output Commands	Reconnect Time	5000
Default Input Commands	-	•
Default System Commands		
 Advanced 	Viewer Settings	
Data Servers		
Import/Export	Receive Timeout: 300	0 -
Monitor Configuration	Sending Timeout: 100	0
Configure Joystick		
	Receive video via Mu	lticast
	Maintain video aspec	t ratio

NEW PROJECT



 Under Monitor Configuration, you must associate Milestone monitors with workstations. Select a workstation to configure. Click Add to add a monitor.

 General Settings General Communication Settings Status Tables Default Camera Statuses Default Output Statuses Default Output Statuses Default Camera Commands Default TZ Commands Default Input Commands Default System Commands Default System Commands Advanced Data Servers Import/Export Monitor Configuration Configure Joystick 			Configure Milestone XProtect In
General Communication Settings	✓ General Settings	Workstations	Configure Workstation
Communication Settings Status Tables Default Camera Statuses Default Output Statuses Default Que Statuses Default Command Statuses Default Command Statuses Default Commands Default Output Commands Default Output Commands Default Input Commands Default Input Commands Default System Commands Default System Commands Setar System Commands Default System Commands Configure Joystick Add Remove	General		
 Status Tables Default Camera Statuses Default Dupt Statuses Default Output Statuses Default Camera Commands Default Commands Default System Comm	Communication Settings	NewWorkstation-0	Monitors
Default Camera Statuses Default Input Statuses Default System Statuses Command Tables Default Camera Commands Default Camera Commands Default Output Commands Default System Commands Default System Commands Default System Commands Default System Commands Configuration Configure Joystick	✓ Status Tables		Arcot Commande Location Right
Default liput Statuses Default Output Statuses Default Gutput Statuses Default Camera Commands Default Output Commands Default Input Commands Default Nystem Commands Default System Commands Pefault System Commands Advanced Data Servers Import/Export Monitor Configuration Configure Joystick	Default Camera Statuses		Asset Commands Location: Right
Default Output Statuses Default System Statuses Command Tables Default Commands Default Output Commands Default Input Commands Default System Commands Default System Commands Sefault System Commands Default System Commands Configure Joystick Add Remove	Default Input Statuses		Asset Command Alignment: Top
Default System Statuses Command Tables Default Camera Commands Default PTZ Commands Default Victure Commands Default System Commands Nontor Configuration Configure Joystick	Default Output Statuses		Maniput
 Command Tables Default Camera Commands Default DTZ Commands Default Duptu Commands Default System Commands Default System Commands Advanced Data Servers Import/Export Monitor Configuration Configure Joystick 	Default System Statuses		Monitor I
Default PTZ Commands Default PTZ Commands Default Input Commands Default Nystem Commands Pefault System Commands • Advanced Data Servers Import/Export Monitor Configuration Configure Joystick	 Command Tables 		
Default PTZ Commands Default Output Commands Default Input Commands Default System Commands Advanced Data Servers Import/Skport Monitor Configuration Configure Joystick Add Remove	Default Camera Commands		
Default Output Commands Default Input Commands Default System Commands Advanced Data Servers Import/Export Monitor Configuration Configure Joystick	Default PTZ Commands		
Default Input Commands Default System Commands Advanced Data Servers Import/Export Monitor Configuration Configure Joystick Add Remove	Default Output Commands		
Default System Commands ➤ Advanced Data Servers Import/Export Monitor Configuration Configure Joystick Add Remove	Default Input Commands		
 Advanced Data Servers Import/Export Monitor Configuration Configure Joystick Add Remove Add Add Remove Add Add Add	Default System Commands		
Data Servers Import/Export Monitor Configuration Configure Joystick Add Remove	 Advanced 		
Import/Export Monitor Configuration Configure Joystick Add Remove	Data Servers		
Monitor Configuration Configure Joystick Add Remove	Import/Export		
Configure Joystick Add Remove	Monitor Configuration		
Add Remove	Configure Joystick		
Add Remove			
Add			
Add Remove			
Add Remove			
			Add Remove
Configure Layout			Configure Layout

10. In the Monitor Layout pane, fill in the **Identifier** and **Layout** fields to match the Monitor ID and layout respectively. Set the **Monitor Type** to **Native** (Milestone Smart Client).

Configure Workstation			
Monitors	Monitor Layout		
Asset Commands Location: Right •	Name:	Monitor 1	
Asset Command Alignment: Top -	Identifier:	TestMonitor	
Monitor 1	Layout:	1 X 1	•
	Monitor Type:	Native	*

For more information on finding the Monitor ID, see Appendix B: Finding Milestone Monitor ID.

NEW PROJEC



ADDING ASSETS TO A MAP

11. Under Maps in the Project Explorer pane on the right, click the map that was generated during project creation.



NEW PROJECT

a. If no map was created, right click on Maps and click Add.





12. If a graphical floorplan is available, assign it to the map. In the Properties pane on the right, click the "..." button to the right of **Select a file**.

✓ Background	
Background Color	•
Display	Uniform 🔹
Image Horizontal Alignment	Left
Image Vertical Alignment	Тор
Select a file	Demo Background.png
∨ Мар	
File Name	Map-0.scm
Full Path	Map-0.scm
ID	Map-0
Navigation Button Caption	Map-0
Title	Map-0
✓ Size	
Height	860
Width	1750

13. From the Toolbox pane on the left, drag two camera Assets onto the Map.



NEW PROJECT



14. Select the camera icon and enter a valid Milestone GUID and a caption. To obtain GUID, see Appendix C: Finding Milestone GUID

Search		
✓ Asset Settings		(
Asset ID	2	
Asset Type	Camera	
Command Table	Default Camera Commands	
Custom Properties		
Joystick Control	V	
المراجع المراجع		
Milestone Guid	!b-e97e-4c9b-9546-70c0b436	51ce
Status lable	Default Camera Statuses	_
Stream Guid		
✓ Camera Callups		
Camera Callups	Camera Callups	0
Camera Callups	Camera Callups	0
Camera Callups Cantion Caption	Camera Callups Camera 1	0
Camera Callups Caption Caption Font	Camera Callups Camera 1 Segoe UI,11pt,Black	0
Camera Callups Caption Caption Font Is Caption Displayed	Camera Callups Camera 1 Segoe Ul,11pt,Black	0

15. Save the project by pressing Ctrl + S. Alternatively, you can press the Save button in the Home tab in the ribbon menu.

₩ For	me Desig	n View						
				9	1	R	F	
New Oper	Save Crea Shortc	te Project ut • Settings	Add Integrated System	Alarm Management	Security	Edit Language	New Map	Layout Assignment
Pr	oject		System	n Configuratio	n		Ir	nterface

16. Launch Runtime to test the project and verify the connection to the Milestone server and cameras. In the Home tab in the ribbon menu, click Run.

		2.60.24229.0)1 - Milestone	Demo-Licensed t	o Vince Ruiz +13	0636108
] 🛒 🚳 (a 🛛 🕁	3			
m Security Edit New ment Language Map	v Layout Run Si Assignmen -	ulate Simulation Debug Client Tools	Publish Project		Project Repo Browser	
uration	Interface	Apps	Publication	Ver	rsion Control	

NEW PROJECT



17. Once the project loads in Runtime, the camera icon should turn either Green (representing a Normal state) or Red (representing a Recording state).



If the camera icon is any other color (i.e. purple), refer to Appendix E: Troubleshooting Milestone Connectivity.

CONFIGURING A CAMERA CALLUP WORKFLOW

Next, add logic that will call up the camera to the Milestone Monitor when a button is pressed. In IPFusion, logic is defined through graphical flowcharts called Workflows.

18. Close Runtime by pressing Alt + F4 on your keyboard.

19. In Designer, return to the map configuration.



- ROJ -



20. In the Toolbox on the left, expand Display Layout Items and drag a **Button** onto the map.



21. Under Workflows in the Project Explorer pane on the right, right click **Background Workflows** and click **Add**.



First, add a trigger that executes this workflow when the button is pressed.

NEW PROJECT



22. Double click the green **Start block** and click **Add** at the bottom.



23. Expand Maps > {Map name} and left click Button. In the Events pane on the right, select the option titled On Click. By adding this trigger, IPFusion will execute the workflow whenever the button is clicked. Press OK at the bottom.



NEW PROJECT



Next, add an action block that will call up the camera to the Smart Wall.

24. From the Toolbox pane on the left, drag an Action block onto the workflow. Connect the bottom of the Start block to the top of the Action block, and the bottom of the Action block to the top of the Stop block.



25. Double click the Action block to open the Action Browser.



26. Expand Integrated Systems and left click on Milestone XProtect. Then, in the Commands pane on the right, click Callup Live Camera to Milestone Monitor



27. In the Expression pane at the bottom, we will replace the blue highlighted information with our Milestone information. Left click **Camera Asset ID**.



2. Expre Syst



28. Click the **camera** and click **OK**.



29. Left click Monitor ID in the Expression pane at the bottom.



30. Click Advanced

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31. In the Constants group on the right, click String and in the text field at the bottom, type in a valid Milestone Monitor ID. For more information on finding the Milestone Monitor ID, see Appendix B: Finding Milestone Monitor ID. Press OK at the bottom.

Triggering Item	Constants String Integer Time Date
Expression TestMonitor	Add Clear Delete
Simple	OK Cancel

32. In the Expression pane at the bottom, click **Tile ID**.



33. In the User Input field, enter the value 1 (or any valid Tile ID). For more information on finding Milestone Tile ID, see Appendix D: Finding Milestone Tile ID. Press OK.

ОК	Cancel
	ОК

34. The Preset Number is an optional field. Leave it blank.

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35. At the bottom of the Action Browser, click OK.



36. Save the project and start Runtime.

37. Once the project loads in Runtime, click the button we created in step 20. The camera should be called up to the Milestone XProtect Smart Wall. If not, ensure all steps have been followed and refer to Appendix E: Troubleshooting Milestone Connectivity if needed.





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Appendix A: Configuring Authentication with Milestone XProtect

Milestone XProtect has two authentication methods: Basic and Windows authentication. When setting up Milestone XProtect, it is important to understand the difference between the two methods and choose the right one.

WINDOWS AUTHENTICATION

Users using Windows authentication use their Windows login credentials, which are created and administered, usually by domain administrators, through Active Directory. It is a directory service implemented by Microsoft for Windows domain networks. Organizations will typically choose this authentication method.

BASIC AUTHENTICATION

Basic users are user accounts that you create directly in Milestone XProtect. The major difference is that while Windows users are created through Active Directory and are not exclusive for use in Milestone XProtect, Basic users are dedicated user accounts exclusively for Milestone XProtect. If the Milestone XProtect system does not have access to Active Directory, Basic authentication is the right method to choose.

 In Milestone XProtect Management Client, expand Security > Basic Users.



nts th ajor di l throu estone cclusiv ystem nentica lanage webnoo webnoo surity Roles Basic Us



2. Right-click Basic Users and click Create Basic User.



 Specify a User Name and a Password. Repeat the password to ensure it is entered correctly. Also, specify if the basic user should change password on next login. Milestone recommends selecting the check box so that basic users can specify their own passwords when they log in for the first time. Ensure the Status is set to Enabled.

User name:		
		1
Description:		_
	^	
	~	
		_
Password:		_
Password:]
Password: Repeat password:]
Password: Repeat password:		
Password: Repeat password:	change password on next login	
Password: Repeat password: Force Basic User to Status:	change password on next login	
Password: Repeat password: Force Basic User to Status: Enabled	change password on next login	
Password: Repeat password: Force Basic User to Status: Enabled	change password on next login	
Password: Repeat password: Force Basic User to Status: Enabled	change password on next login	

4. Press **OK** to complete Basic User setup.

APPENDIX A



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Appendix B: Finding Milestone Monitor ID

To send camera callups to a Milestone monitor, the monitor ID is required. This is used both within the Milestone monitor configuration and the Callup Live Camera to Milestone Monitor Workflow command.

The camera callups made to Milestone will match the first instance containing the text for the monitor name. It is recommended to ensure all Milestone monitors have unique names to ensure the callup is sent to the expected monitor.

To find the ID for a Milestone monitor:

- 1. In the Milestone server, open the Milestone XProtect Management Client application.
- 2. In the **Overview/Site** pane, navigate to **Client > Smart Wall**.
- 3. Expand **Smart Wall Definitions**, then the Smart Wall group your monitor belongs to.
- 4. Select the monitor you wish to send callups to and note the configured **Name** value.



The monitor name value can be used as the Monitor ID in both the Monitor Configuration and Callup Live Camera to Milestone Monitor Workflow command in Designer. WWW.IPFUSION.CA/CONTROL



Appendix C: Finding Milestone GUID

To connect a Milestone camera asset to the camera it represents, you will need its GUID (Globally Unique Identifier). This will allow you to interact with that Milestone camera.

To find the GUID for your Milestone camera, follow the steps below:

- 1. Open the Milestone Management Client.
- 2. Log in.

Milestone XProtect® Management Client 2023 R3	×
Computer: mile2023r3 Authentication: Windows authentication Domain: MILE2023R3 User name: Password: Remember password	
Sign in Close	

APPENDIX C





APPENDIX C

 In the Devices pane, expand Cameras > {Desired Camera Group}





APPENDIX C

5. Hold the **Ctrl key** and click the desired camera. At the bottom of the Properties pane, the GUID will be listed as **ID and primary table**.

C Devices 🗸 🖓	Properties
Cameras Camera Group 1 Camera Group 1 Dahua DH-IPC-HDBW52A1EN-ZI (10. Dahua DH-JPC-HDBW52A1EN-ZI (10. Camera Came	Device information Name: Debug DH IPC HDBW5241EN 71 Compre 1
Dahua Difeir Combewazartew-zi (10.	Danua DH-IFC-HDDW3ZATEN-ZI
	Short name:
	Description:
	Hardware name:
	Dahua DH-IPC-HDBW52A1EN-ZI (
	Port number:
	1
	Positioning information
	GPS coordinates: Illustration:
	North
	Direction (a):
	0 Degrees
	Field of view (b):
	0 Degrees
	Depth (c):
	0 Feet V
	Preview position in browser
	ID and primary table =
1	

NOTE: GUIDs are case sensitive. Ensure that characters are properly cased.



Appendix D: Finding Milestone Tile ID

To send camera callups to a tile within Milestone monitor via a Workflow, the tile ID is required.

A quick way to find the ID for a Milestone tile:

- 1. In the Milestone server, open the Milestone XProtect Smart Client application.
- In the navigation pane on the left, expand Smart Wall > {Name of the Smart Wall}.



APPENDIX D



3. Right-click the monitor and hover over **Remove from** view.



4. The layout with the tile IDs is displayed. Note the ID for the desired tile.

APPENDIX D



Appendix E: Troubleshooting Milestone Connectivity

- 1. If Runtime is running, close it by pressing Alt + F4 on your keyboard.
- 2. Press the **Windows key** and type **services**. Click the **Services app** to open it.

Q services	
- All Work Apps Documents W	feb Settings Peo 🕨 Delco Automat
Best match	
System	Q
Apps	Services _{System}

3. Verify that the IPFusion – Milestone XProtect service is Running.

Services (Local)					
Select an item to view its description	Name	Description	Statue	Startup Tupe	Log On As
select an item to view its description.	Name	Description	Status	Startup type	Log OILAS
	🍓 IPFusion - FFT CAMS	Communic	Running	Automatic	Local Syste
	🖾 IPEusion - Logging Service	Stores mess	Running	Automatic (Local Syste
	IPFusion - Milestone XProtect	lommunic	Running	Automatic	Local Syste

 If it is not running, click on the IPFusion – Milestone XProtect entry and in the pane on the left, click Start the service.

Services (Local)					
IPFusion - Mileston	e XProtect	Name	Description	Status	Startup Type	Log On As
Start the service		IPFusion - FFT CAMS	Communic	Running	Automatic	Local Syste
		IPFusion - Milestone XProtect	Communic		Automatic	Local Syste

5. Start Runtime and verify that the asset states reflect a good connection.

APPENDIX E



VERIFY MILESTONE CONFIGURATION IN IPFUSION

Entering incorrect credentials, GUIDs, etc. will cause assets to reflect a purple "No Communication" state.

 In Designer, enter the Milestone XProtect Integrated Systems configuration. In the Project Explorer pane on the right, expand Integrated Systems, right click on Milestone XProtect integrated system, and click Configure.

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- **APPENDIX E**
- 2. In the pane on the left, click **Communication Settings** and verify that the information in the pane on the right is correct.





ENDIX

3. In the Project Explorer pane, click on the configured map to open it.



4. For each camera asset, ensure their Milestone GUIDs are valid. Click on a camera asset and check the Milestone GUID field in the Properties pane on the right.

Properties 4	
Search	
➤ Asset Settings	
Asset ID	2
Asset Type	Camera
Command Table	Default Camera Commands
Custom Properties	
Joystick Control	\checkmark
Logging Description	
Milestone Guid	9f46782b-e97e-4c9b-9546-70c0
Status lable	Default Camera Statuses
Stream Guid	
➤ Camera Callups	
Camera Callups	Camera Callups 🕒
✓ Caption	
Caption	Camera 1
> Font	Segoe Ul,11pt,Black
Is Caption Displayed	\checkmark
Is Caption Rotated with Asset	

NOTE: GUIDs are case sensitive.

For additional assistance, please email IPFusion support at <u>IPFusionSupport@ipfusion.ca</u> or open a support ticket at <u>ipfusion.ca</u>.

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