



ORBNET
SYSTEMS

ORBNET Live Maps for Milestone XProtect

Installation, Setup and User Guide



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1 Prerequisites

1.1 Software and Licensing

1.1.1 Microsoft System Requirements

- Microsoft® Windows® 10 Pro and Enterprise (64 bit)
- Microsoft® Windows® 10 Enterprise LTSB (Long Term Servicing Branch) 2016 (version 1607 or later)
- Microsoft® Windows® 10 IoT (Internet of Things) Enterprise, version 1803 or later (64 bit), IoT Core
- Microsoft® Windows® 11 Pro and Enterprise (64 bit)

- Microsoft® Windows® Server 2016 (64 bit): Essentials, Standard and Datacenter
- Microsoft® Windows® Server 2019 (64 bit): Essentials, Standard and Datacenter
- Microsoft® Windows® Server 2022 (64 bit): Essentials, Standard and Datacenter

1.1.2 Milestone XProtect System Requirements

- XProtect Essential+, XProtect Express+, XProtect Professional+, XProtect Expert, XProtect Corporate [2022 R1 (22.1a) or above]
- XProtect Event Server
 - The XProtect Event Server is included as part of your XProtect installation.
***Note* If this component was not installed with your XProtect product, follow the steps found in troubleshooting at the end of this document.**

1.1.3 ORBNET Systems

- License – **ORBNET Live Maps**
 - When you first install ORBNET Live Maps you will get a 30-day trial license, following this you will need to update to a paid license.
 - From the website <https://orbnetsys.com/LiveMaps> select “ORDER NOW!”
- Installer – ‘**ORBNET Live Maps Service Setup.msi**’
 - Available to download from <https://orbnetsys.com/LiveMaps> once registered and signed into the website <https://orbnetsys.com/>
- Installer – ‘**ORBNET Live Maps XProtect Plugins Setup.msi**’
 - Available to download from <https://orbnetsys.com/LiveMaps> once registered and signed into the website <https://orbnetsys.com/>
- Files – ‘**ORBNET Live Maps Client.zip**’
 - Available to download from <https://orbnetsys.com/LiveMaps> once registered and signed into the website <https://orbnetsys.com/>

1.1.4 Copyright, trademarks, and disclaimer

Copyright © 2023 ORBNET Systems

Copyright law and international treaties protect this Software.

Licensing agreements specify the terms and conditions of the Software use.

Neither the Customer nor any third party will be permitted to inspect, possess, use, copy, or attempt to discover any part of the Software source code (or any portion thereof).

Trademarks

XProtect is a registered trademark of Milestone Systems A/S.

Milestone XProtect and connected components will be referred to as XProtect throughout this document.

Unity is a registered trademark of Unity Technologies, San Francisco.

This document contains other trademarks which belong to their respective owners.

Disclaimer

In preparing this text, due care has been taken to ensure that it is intended for general information purposes only.

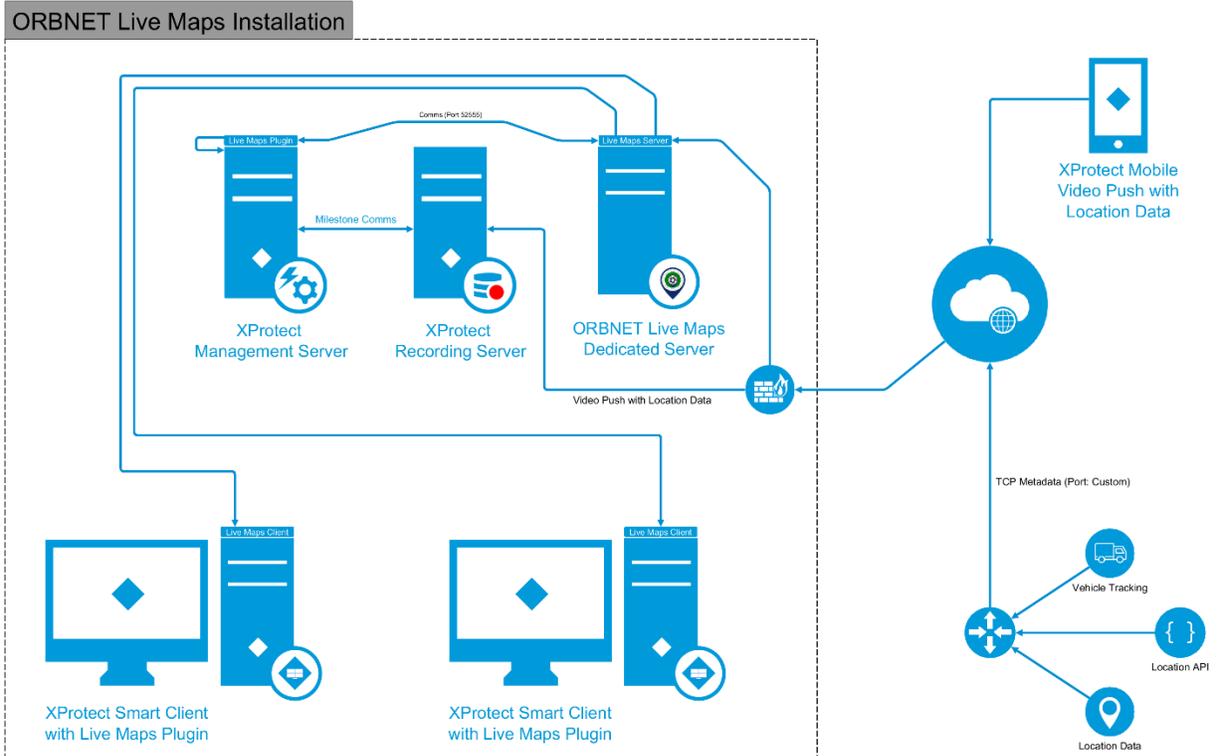
Information provided herein does not constitute any kind of warranty, and any risk resulting from its use rests with the recipient.

Adjustments may be made without prior notification by ORBNET Systems.

In this text, all names and organizations referenced in examples are fictitious.

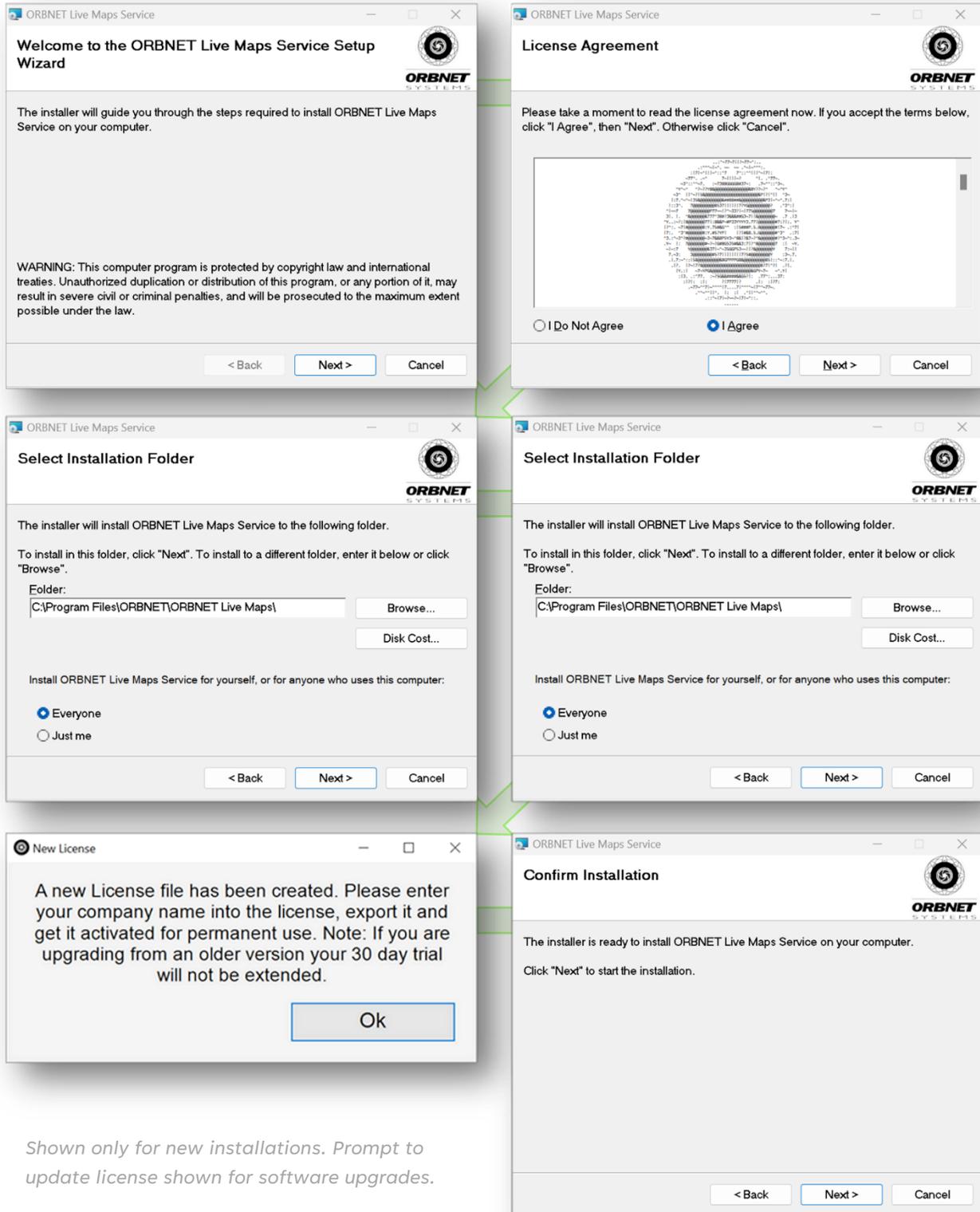
2 Software Schematic with Installation Methods

####



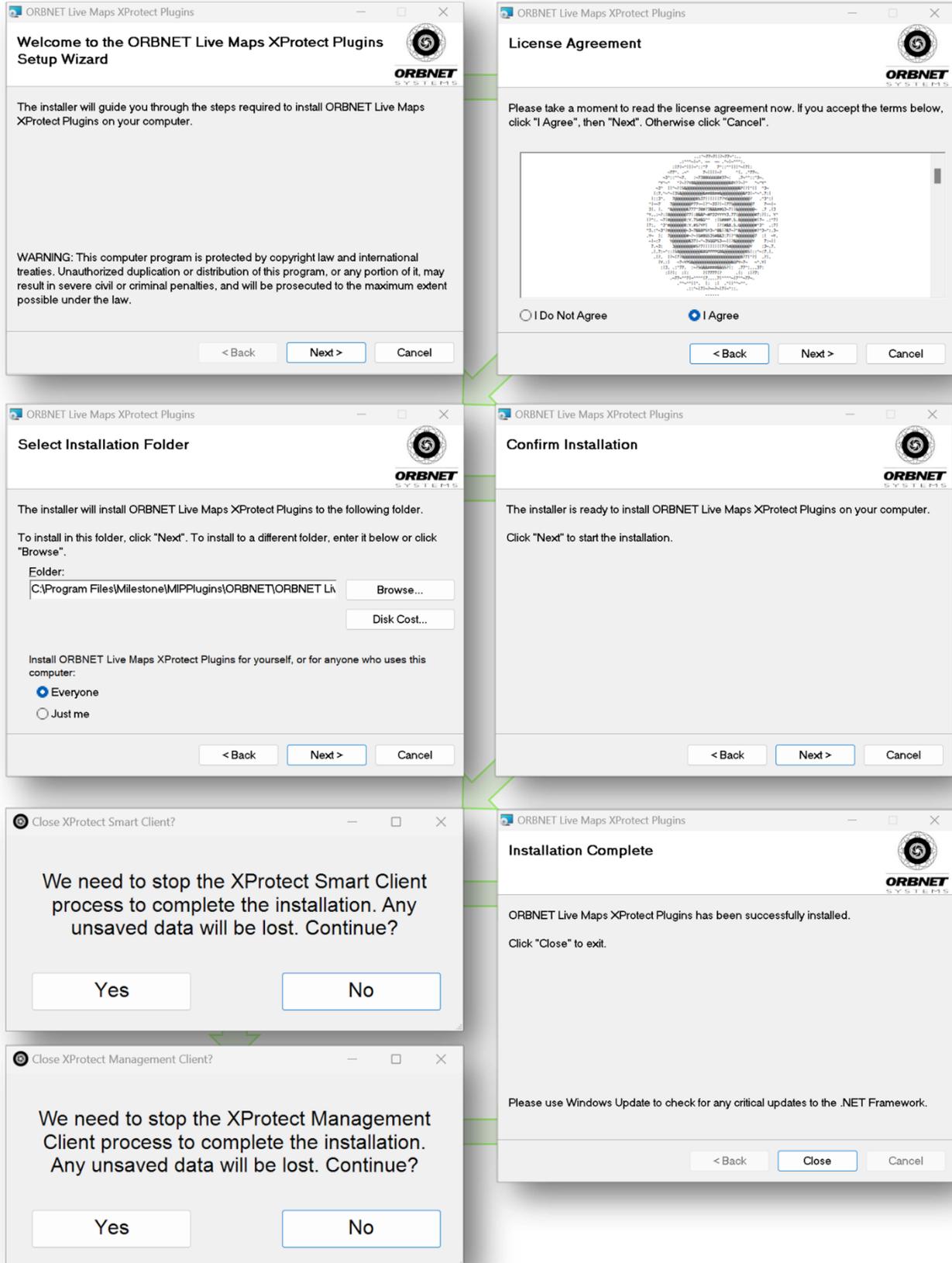
3 Installation of ORBNET Live Maps for XProtect

Begin with the server/machine that will be used for ORBNET Live Maps. For most installations this should be a dedicated server to provide the best all-round performance for the XProtect solution.

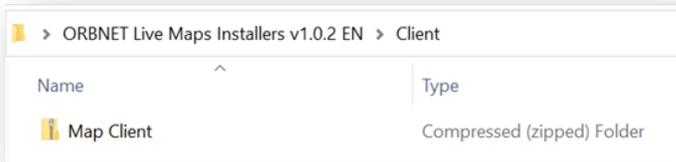


Shown only for new installations. Prompt to update license shown for software upgrades.

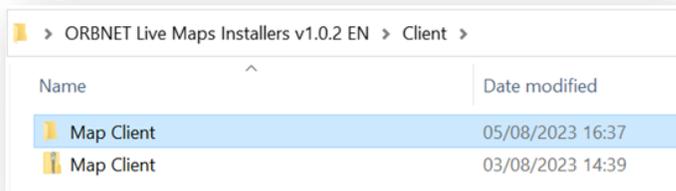
Move onto any XProtect Smart Client machines that will be used with the ORBNET Live Maps solution.



Further Client installation files can be found in the [ORBNET Live Maps](#) installer package under the Client folder. **Unzip** the Map Client compressed folder.

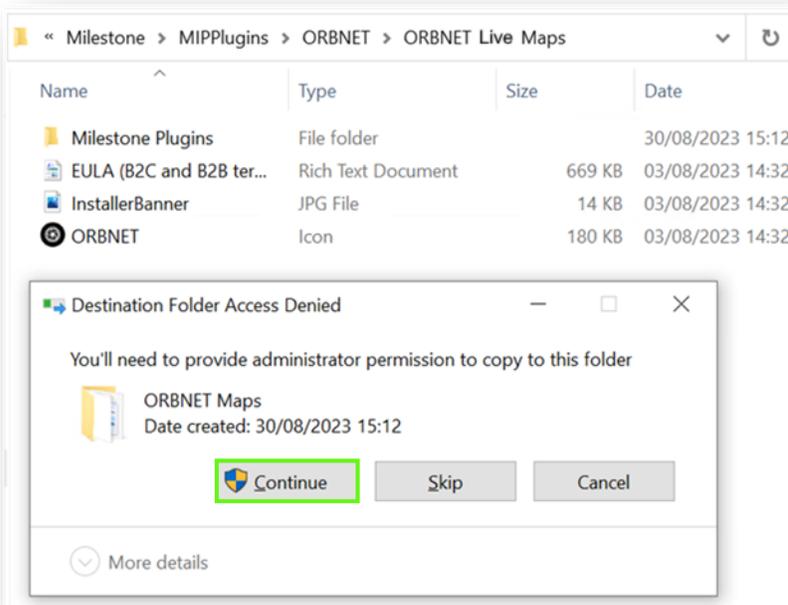


Copy the newly unzipped [Map Client](#) folder.



Navigate to `C:\Program Files\Milestone\MIPPlugins\ORBNET\ORBNET Live Maps\`
Inside this folder paste the [Map Client](#) folder.

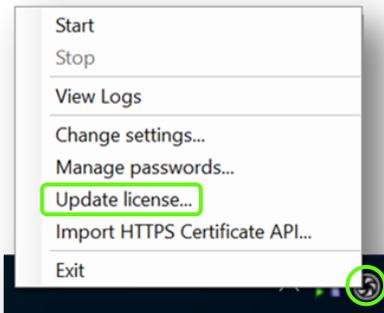
You may get a prompt to provide administrator permission to copy to this folder. Press **Continue**.



Now when the [ORBNET Live Maps](#) plugin is run in the [XProtect Smart Client](#) the [Unity Client](#) will load [ORBNET Live Maps](#) correctly.

4 Product License

Licensing details are found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and Stop the ORBNET Live Maps service before then selecting Update license...



This page will initially show the default license values with just the trial license countdown (Default Trial Period: 30-days).

(1) When making a license request, please complete the fields in bold.

- **Client Name**
- **MAX Numbers of Smart Clients**
- **Max Number of tracked objects**
- **Max Number of static objects**

Smart Client – Refers to each connected XProtect Smart Client application registered for use with the licensed product. A pool of connection license channels are used on a first come first basis for any XProtect Smart Client, with the ORBNET Live Maps plugin installed. The list can be manually updated clients revoked access to free a license channel.

Tracked Objects – Refers to live objects used within ORBNET Live Maps system. A connected GPS device, API tracked device or Milestone device that provides live tracking information, i.e. camera with GPS metadata or XProtect Mobile push client providing location data.

Static Object – Refers to objects set with a manual location position. These would be fixed objects like, cameras that are physically fitted in a set location. The position is either set manually in Milestone device settings. Or and object added to the ORBNET Live Maps database with a static object tag.

Use the (2) **Export** license request button to generate a license request file. This must be included in an email to ORBNET Systems (purchase@orbnet.com) when requesting your license.

On completion a valid license will be sent back. This can be imported by using the (3) **Import** valid license button. (4) This will now show an unlimited timeframe associated to ORBNET Live Maps with the requested number of XProtect Smart Clients and Objects.

ORBNET GIS Maps License Settings

ORBNET SYSTEMS

Time left: 5 days, 1 hour, 15 minutes, 16 seconds

Import Export

ORBNETMapsLicense

1.

1. License Info	
a. Client Name	<Your company name>
b. Days Valid (-1 == Unlimited)	30
c. License Id	108a7247-cde3-4c91-a309-fc8d57692db4
d. Unique Id	bdf4b7f-204a-430a-81b2-3f8aa88dab88
e. License Number	1691249559929
f. Product Version	1.0.2.0
g. Version Release Date	10/31/2022 12:00:00 AM
h. ORB Up End Date	8/4/2024 12:00:00 AM
i. Hash Code	

2. ORBNETMaps Options	
a. MAX Number of Smart Clients	10
b. Max Number of tracked objects	1000
c. Max Number of static objects	1000

5 Configuration

5.1 ORBNET Live Maps

The majority of ORBNET Live Maps system settings are changed from the system tray icon. If you cannot see this check for hidden programs.



If not show on in the system tray the application can be run from here.

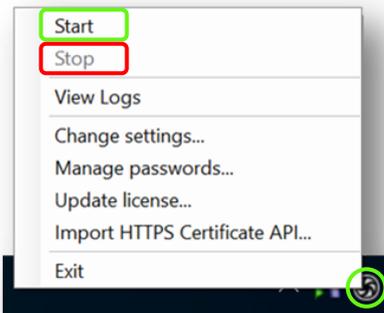
C:\Program Files\ORBNET\ORBNET Live Maps\ORBNET Live Maps Service Controller\ORBNETMapsTray.exe

5.1.1 Start and Stop Service

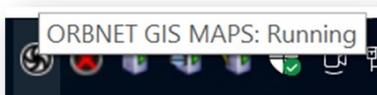
ORBNET Live Maps service control can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and use Start or Stop to change the service state.

When started, Start will show greyed, and Stop will be available to click.

When Stopped, Stop will show greyed, and Start will be available to click.

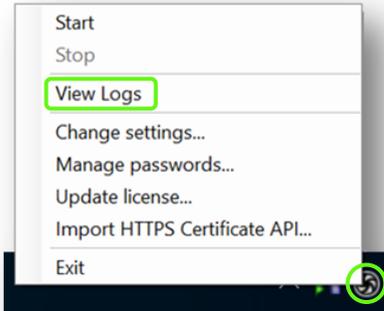


When you hover over the ORBNET Live Maps system tray icon this will also show the service state as Running (Started) or Stopped.

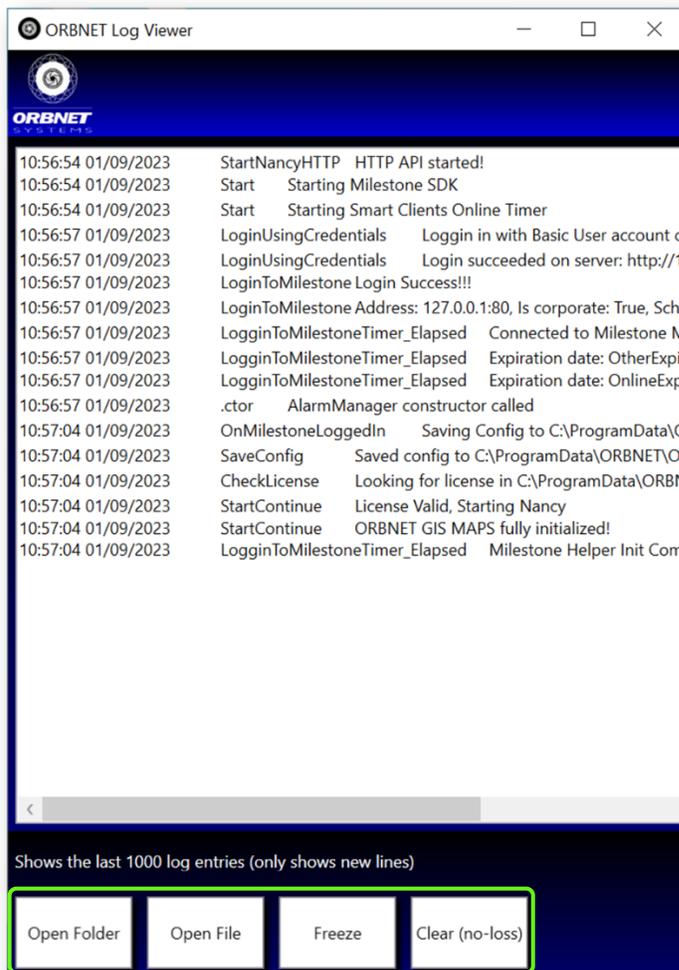


5.1.2 View Logs

ORBNET Live Maps Log Viewer can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and click View Logs.



The Log Viewer window will show, initially the window will be blank. Live logs will show as and when generated.

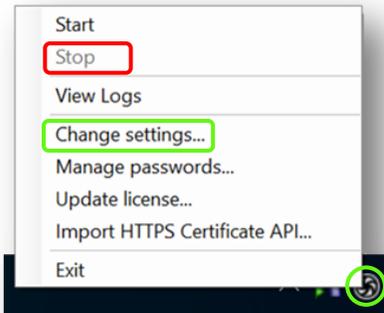


Action Buttons:

- **[Open Folder]** Opens folder containing log files.
- **[Open File]** Opens current log file in notepad or default .log file application.
- **[Freeze]** Stops live feed of logs, useful if you need to catch a log entry.
- **[Clear (no-loss)]** Clears the log window so new log entries show on top. No loss to log file.

5.1.3 Change settings

ORBNET Live Maps settings can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and Stop the ORBNET Live Maps service before then selecting Change settings...



ORBNETMapsConfiguration

◆ API (Application Programming Interface) Settings

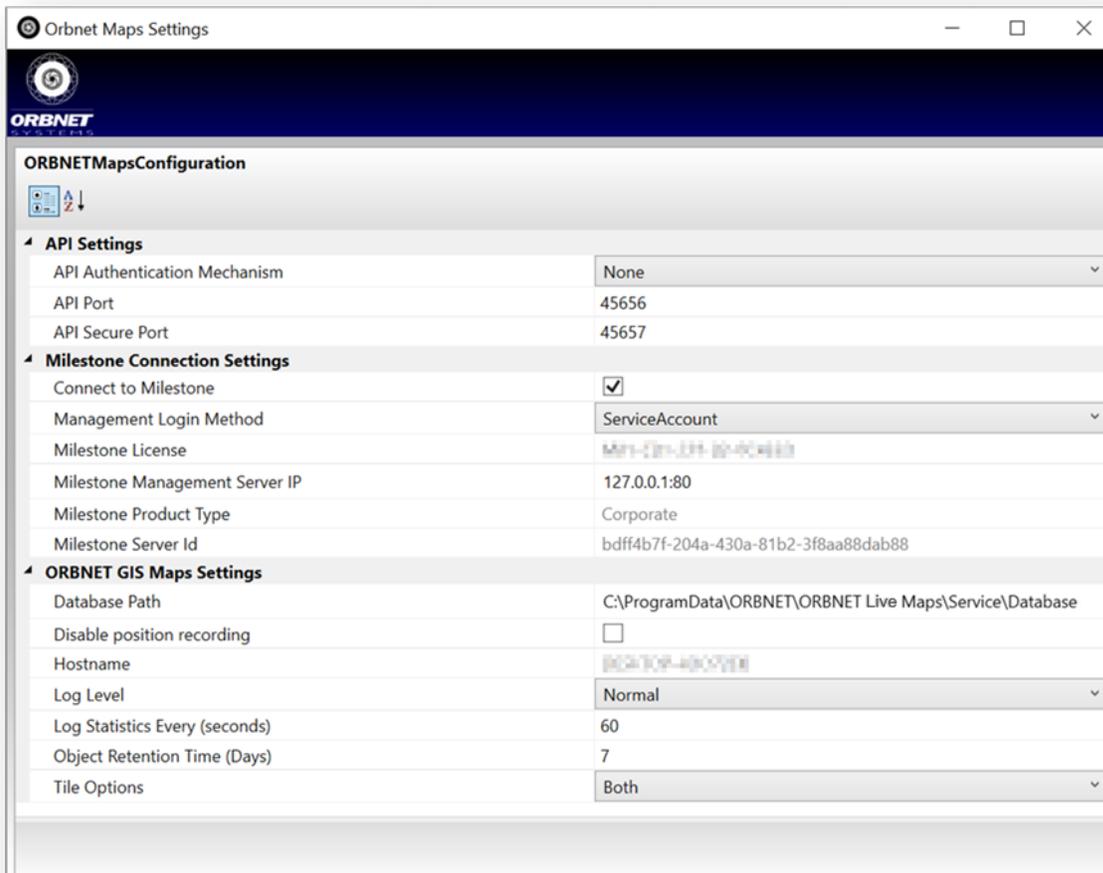
- API Authentication Mechanism
 - None: No Authentication (Default)
 - Basic: Use Basic Authentication (not safe unless using HTTPS)
 - Digest: Use Digest Authentication (Safer than Basic)
 - JSON Web Token: Enables JWT (JSON Web Tokens) security (Safest option).
A Public key must be added to “_\\ProgramData\\JWTPublicKey\\public_key.crt”
- API Port
 - 45656 (Default) – Select the TCP port that the RESTFULL API will use for HTTP
- API Secure Port
 - 45657 (Default) - Select the TCP port that the RESTFULL API will use for HTTPS (requires certificate)

◆ XProtect Connection Settings

- Connect to XProtect
 - Tick Enabled (Default) required for operation. Connect and start XProtect SDK.
- XProtect Management Login Method
 - Service Account: Use the service account the ORBNET Live Maps is running as to login to the XProtect Management Server.
 - BasicUser: Use XProtect Basic User credentials to login to the XProtect Management Server.
 - WindowsUser: Use Windows User credentials to login to the XProtect Management Server.
- XProtect License
 - Field automatically: Software license code from the XProtect Management Server.
- XProtect Management Server IP (Internet Protocol)
 - Fillable Field: Enter the IP address of the XProtect Management Server.
- XProtect Product Type
 - Field automatically: Product Type from the XProtect Management Server.

◆ **ORBNET Live Maps Settings**

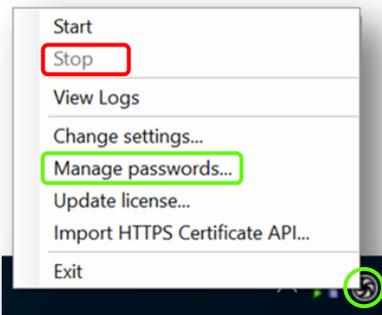
- **Database Path**
 - **C:\ProgramData\ORBNET\ORBNET Live Maps\Service\Database (Default)**
The file path where the ORBNET Live Maps databases are located. A network attached storage can be specified.
- **Disable position recording**
 - **Tick Disable (Default)** Disables recording new positions and saving them to the database.
- **Hostname**
 - **Field automatically:** The hostname of this ORBNET Live Maps Server
- **Log Level**
 - **Normal (Default)** Normal, Trace, Debug.
Only change from Normal if requested to do so by ORBNET Support.
- **Log Statistics Every (Seconds)**
 - **60 (Default)** The ORBNET Live Maps statistics will be logged every x seconds.
- **Object Retention Time (Days)**
 - **7 (Default)** The retention time for all objects stored in the database in days.
- **Tile Options**
 - **Both (Default)** Both, Online, Offline.
Select if we connect to the tile server to pull tiles or if we use the local storage.



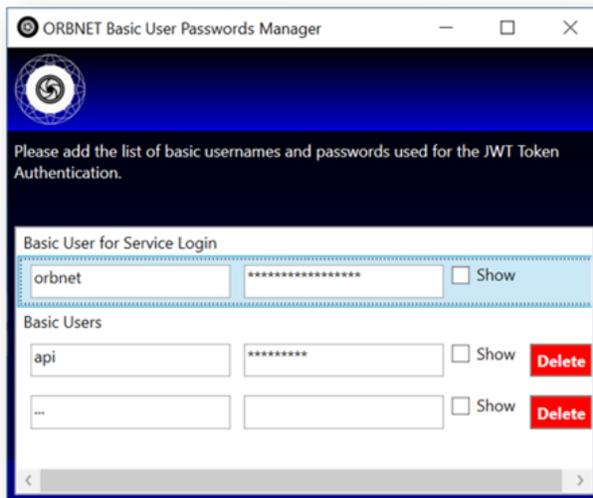
After the settings have been changed close this window and start the ORBNET Live Maps service from the system tray icon.

5.1.4 Password Manager

ORBNET Live Maps Password Manager can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and Stop the ORBNET Live Maps service before then selecting Manage passwords...



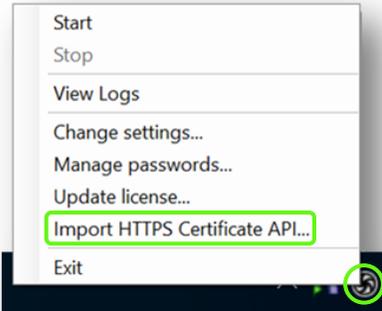
- **Basic User for Service Login**
 - o Enter the XProtect Basic User used for connection to XProtect Management Server.
Required for connection to XProtect
- **Basic Users**
 - o Accounts can be created to be used for the ORBNET Live Maps API



Once account details are added or edited, close this window and the details will be saved. Start the ORBNET Live Maps service from the system tray icon.

5.1.5 Import HTTPS Certificate API

ORBNET Live Maps Import HTTPS Certificate API can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed.



Please refer to separate [API documentation](#) for the steps of this process.

5.2 Connect to XProtect Methods

5.2.1 Network Service

As default ORBNET Live Maps will connect to Milestone XProtect with a Windows Network Service account. This works only for the case where ORBNET Live Maps is installed on the same machine as the XProtect Management Server. We would recommend against this configuration for live sites. However, for a demo or test environment this would in most cases be adequate.

5.2.2 XProtect Basic

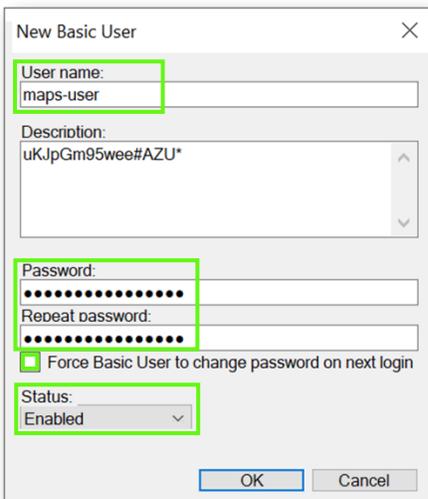
To use a XProtect Basic user account as the ORBNET Live Maps Service login. Start by creating a new Basic User Account within the XProtect Management Client. Site Navigation > Security > Basic User.



Add a Username of your choosing plus a complex password for the account and ensure that the Status is set to Enabled and Force Basic User to change password on next login is unticked.



Adding the password to the description can be useful for administration, however, offers a lower level of security on larger systems.

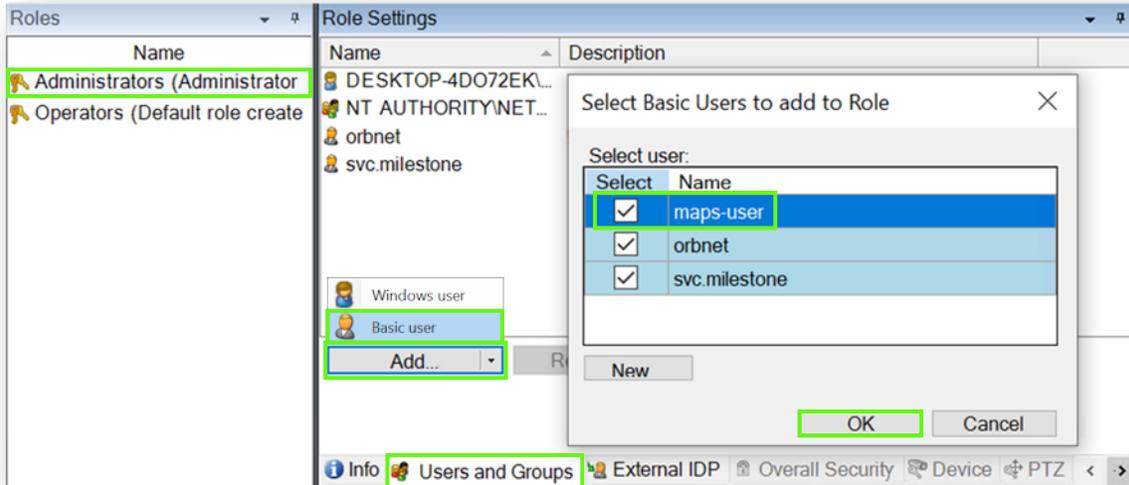
A screenshot of the 'New Basic User' dialog box. The 'User name' field contains 'maps-user'. The 'Description' field contains 'uKJpGm95wee#AZU*'. The 'Password' and 'Repeat password' fields are filled with dots. The 'Force Basic User to change password on next login' checkbox is checked. The 'Status' dropdown menu is set to 'Enabled'. The 'OK' and 'Cancel' buttons are at the bottom.

Add this new Basic User account to a role, Site Navigation > Security > Roles.

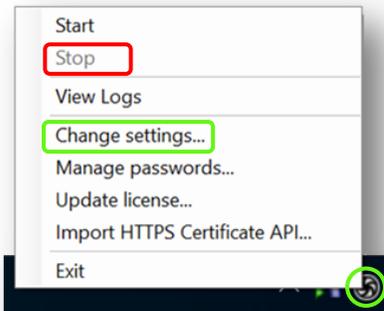


Select **Users** and **Groups**. We recommend the **Administrators Role**, however depending on the site configuration may require a customized role. This being the case, provide a role with access to all components that are required to be visible in ORBNET Live Maps.

Select **Add.. Basic User**, find the relevant account and tick to add to the Role.

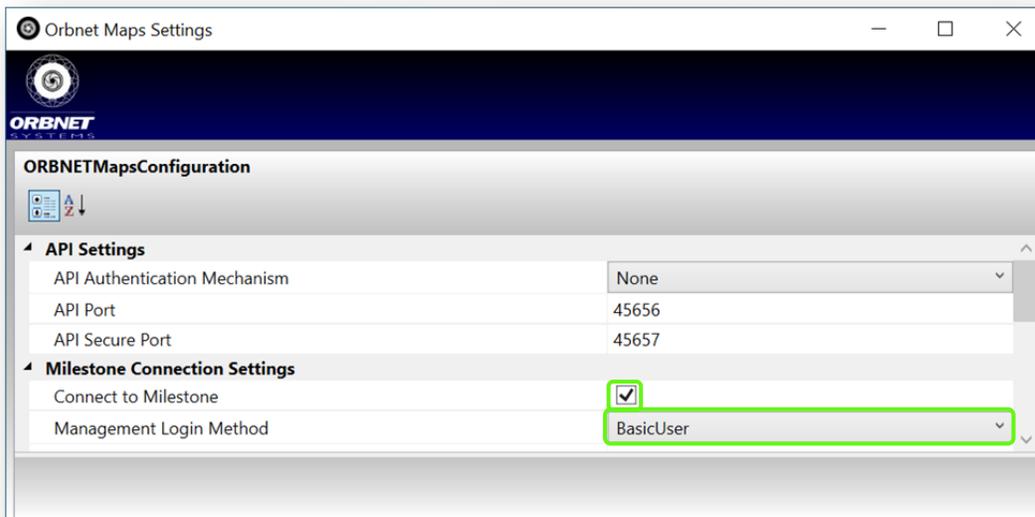


ORBNET Live Maps settings can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and Stop the ORBNET Live Maps service before then selecting **Change settings...**

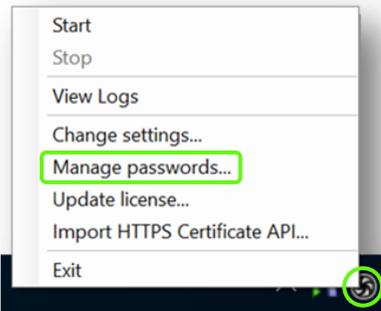


◆ **Milestone Connection Settings**

- **Connect to Milestone**
 - o **Tick Enabled** (Default) required for operation. Connect and start Milestone SDK.
- **Management Login Method**
 - o Select **BasicUser**: Uses Milestone Basic User credentials to login to the Milestone Management Server.

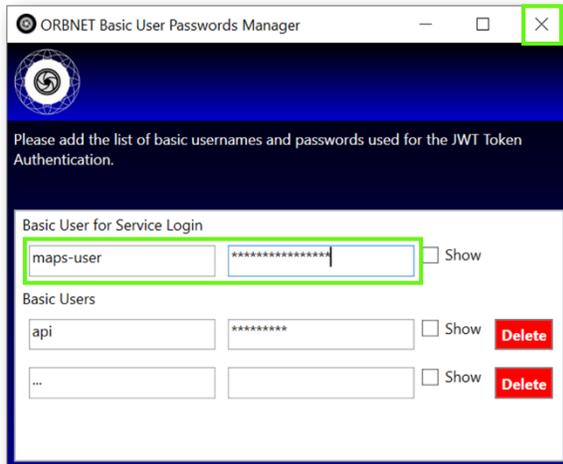


ORBNET Live Maps Password Manager can be found from the ORBNET Live Maps tray icon by selecting Manage passwords...



- Basic User for Service Login

Enter the XProtect Basic User used for connection to XProtect Management Server.



Once account details are added or edited, close this window and the details will be saved. Start the ORBNET Live Maps service from the system tray icon.

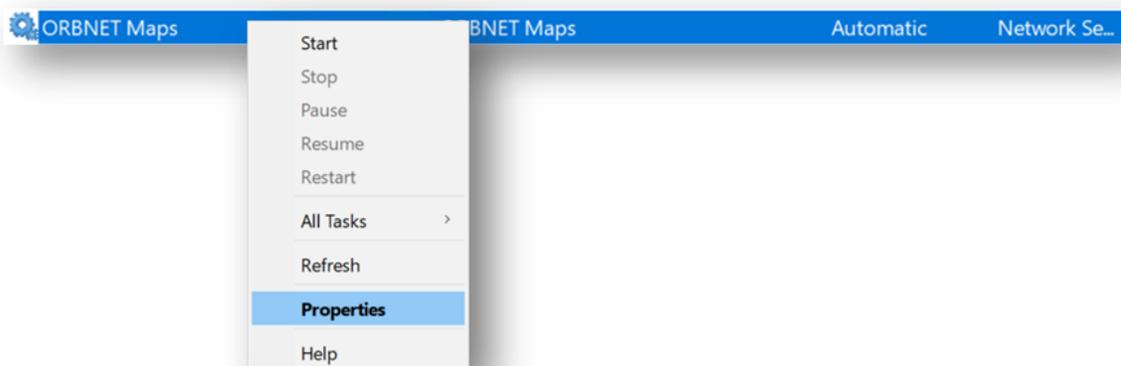
5.2.3 Service Account

Where XProtect uses an Active Directory Service Account or shared Workgroup Service Account, ORBNET Live Maps is also able to use this method. In Windows Services you will see that the XProtect services use Windows account to Log On instead of the default Network Service account XProtect will install with as default.

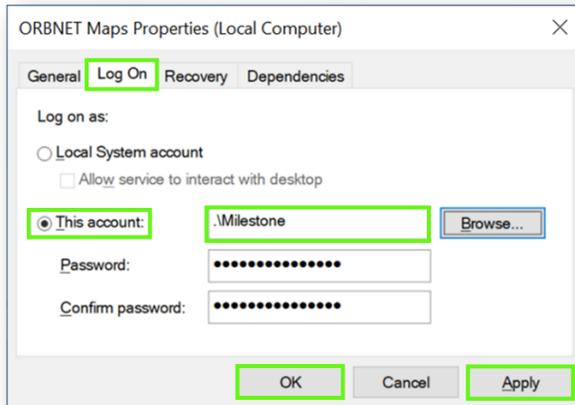
Open windows > Services and find the Milestone XProtect related services, the Log On As column will display a Windows account instead of Network Service. Generally, this will be formed <DOMAIN\USER> (in this example .\Milestone)

Milestone XProtect Data Collector Server	Collect perfo...	Automatic	.\Milestone
Milestone XProtect Event Server	The server f...	Automatic	.\Milestone
Milestone XProtect Management Server	Manages co...	Automatic	.\Milestone
Milestone XProtect Recording Server	Processes an...	Automatic	.\Milestone

Find the ORBNET Live Maps service, Right-click and select Properties.



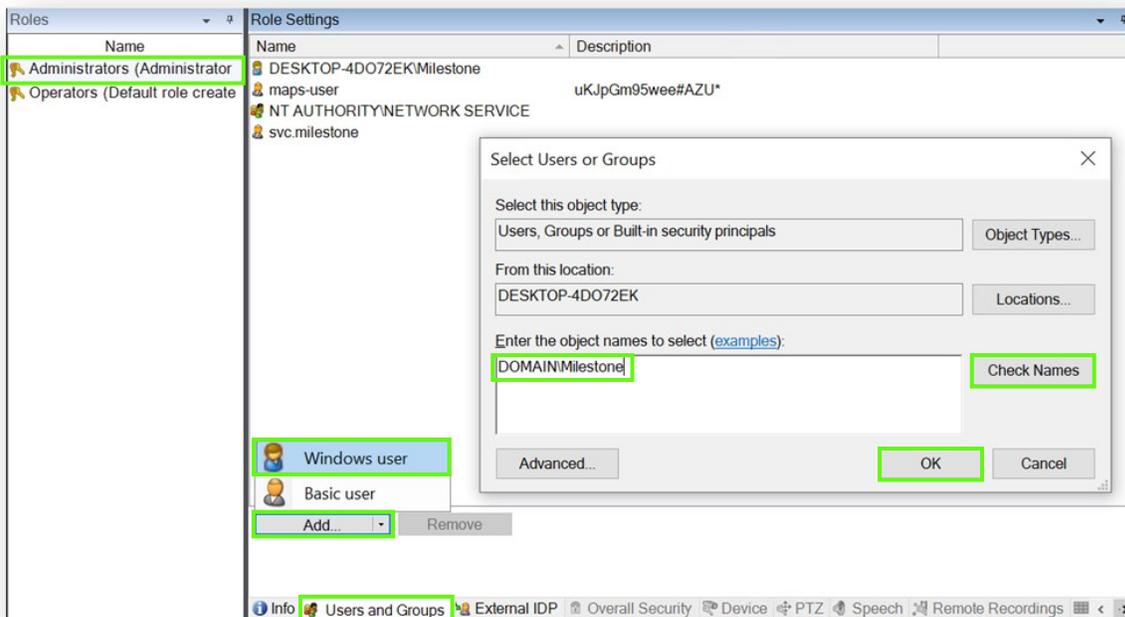
Select the **Log On** tab and select the **This account**, field and update **NETWORK SERVICE** to the same service account used for **XProtect**. Add the **Password**, **Confirm Password** and finally press **Apply**, acknowledge the prompt, and press **OK**.



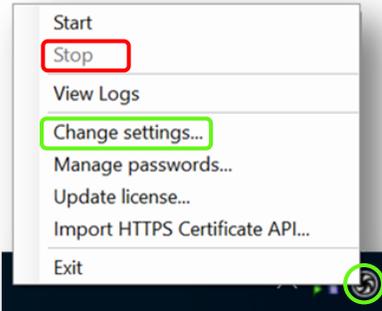
To use a **Service Account** user in **XProtect**, ensure the account is added to a **Role** from the **XProtect Management Client**. **Site Navigation > Security > Roles**.



Select **Users & Groups** check this account is included in the **Administrators** role. To add an account, select **Add..** then **Windows user**. Find the relevant user from the **domain** or **workgroup**. Use **Check Names** to verify the user and domain is correct then press **OK**.

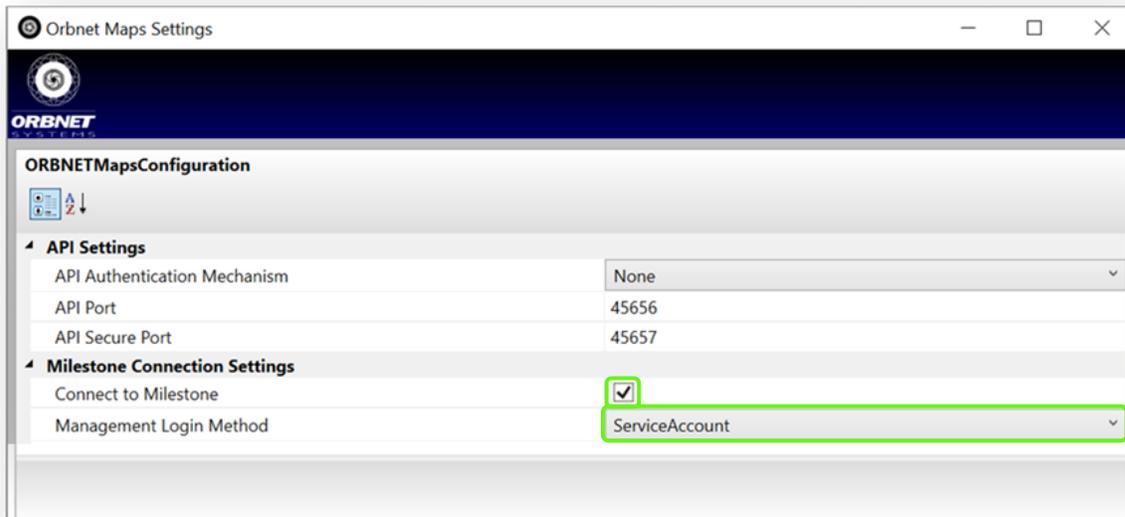


ORBNET Live Maps settings can be found from the ORBNET Live Maps tray icon on the server with ORBNET Live Maps service installed. Right click the tray icon and Stop the ORBNET Live Maps service before then selecting Change settings...



◆ **Milestone Connection Settings**

- **Connect to Milestone**
 - Tick Enabled (Default) required for operation. Connect and start Milestone SDK.
- **Management Login Method**
 - Select ServiceAccount: Uses the service account the ORBNET Live Maps is running as to login to the Milestone Management Server.



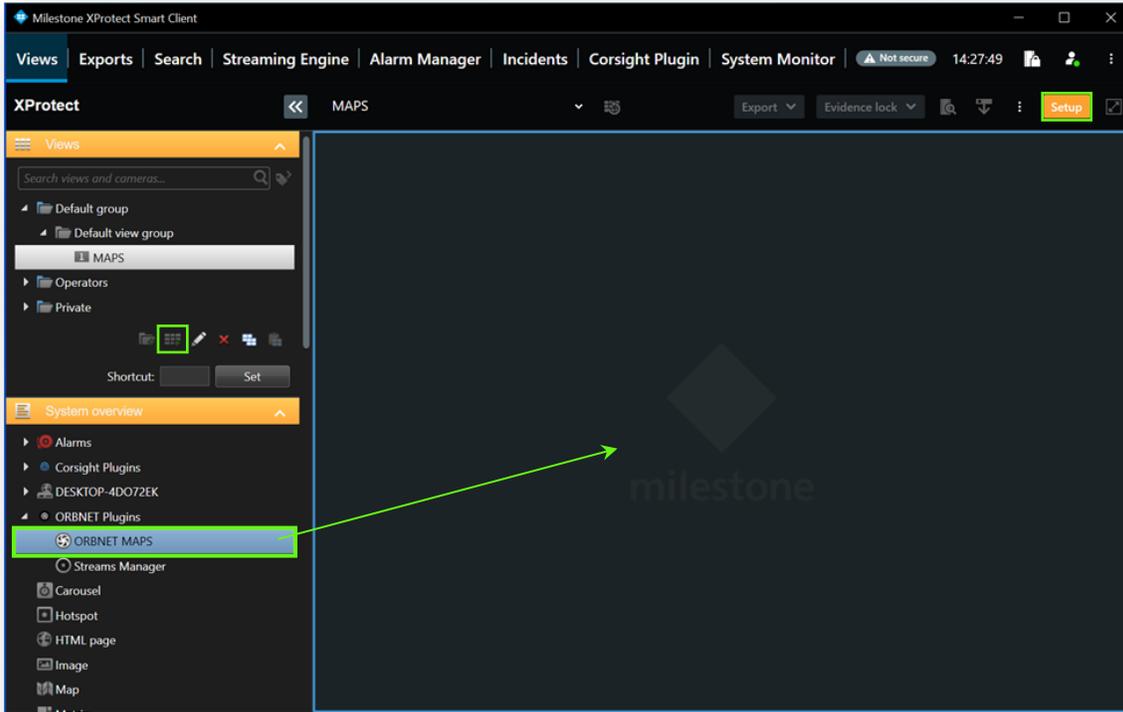
Once the Login Method is edited, close this window and the details will be saved. Start the ORBNET Live Maps service from the system tray icon.

5.2.4 Windows Account

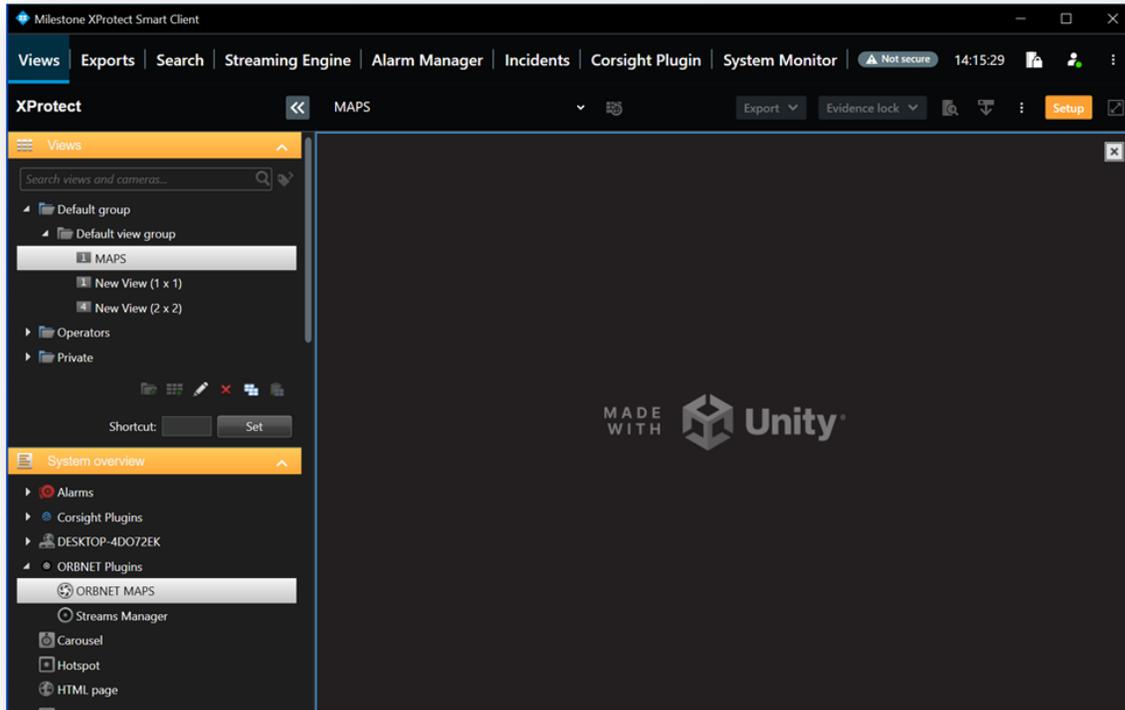
###

6 User Guide

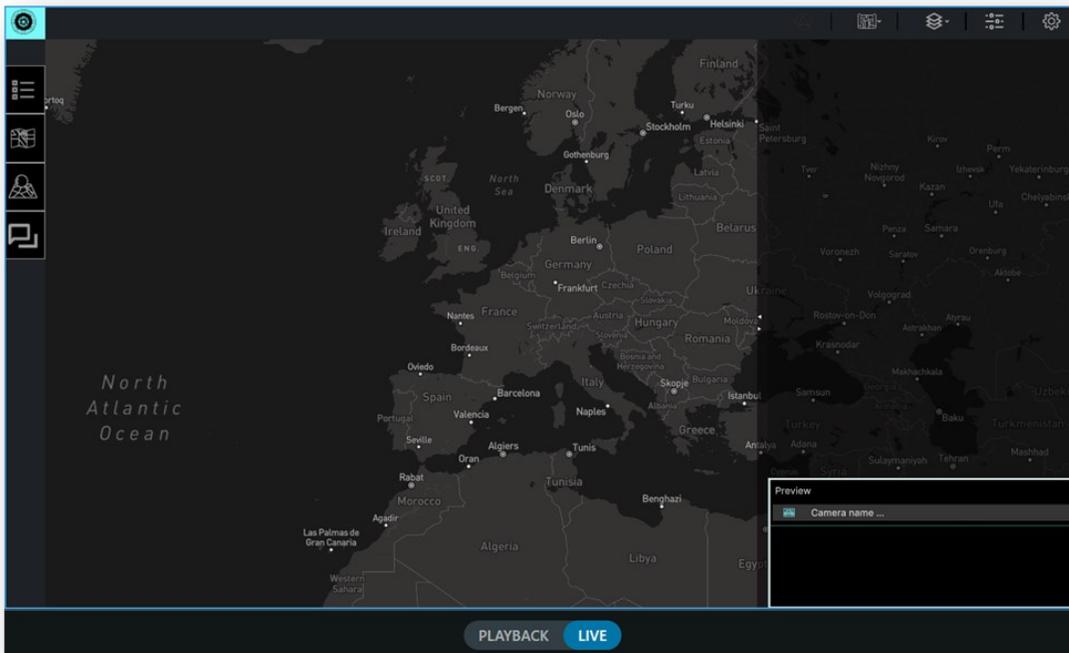
With ORBNET Live Maps Plugin installed, open the XProtect Smart Client and go into Setup Mode. Under System Overview ORBNET Plugins you will find the ORBNET Live Maps plugin. Creating a new View 4:3 (1x1) is recommended. Then drag and drop the ORBNET Live Maps plugin this into a blank tile.



When the ORBNET Live Maps plugin first loads the screen will display a Made with Unity splash screen.

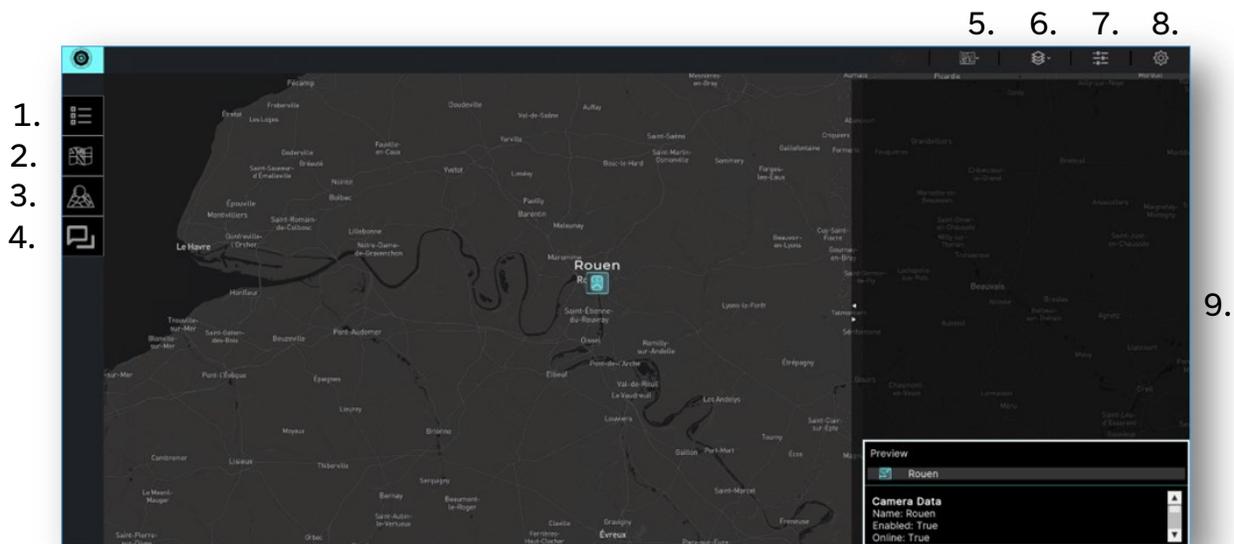


Exit Setup to return to live operation mode in the XProtect Smart Client. Once the Unity splash screen has finished loading ORBNET Live Maps will now display from the default set location.



7 User Interface

The ORBNET Live Maps user interface comprises of control buttons on the top and side panels. These control what and how objects and layers are shown within the map window.

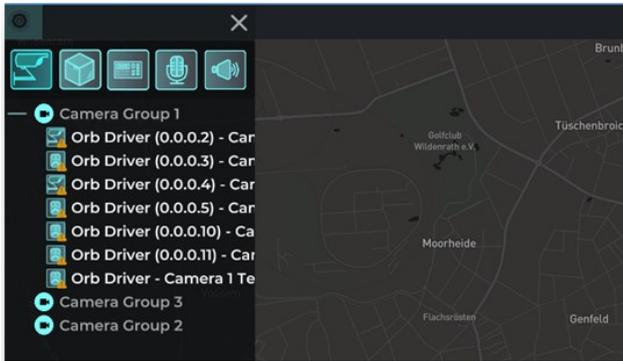


- | | | | |
|---------------|----------------------|--------------------|-------------|
| 1. Objects | 2. Search | 3. Maps Map styles | 4. Commands |
| 5. Map Styles | 6. Selective Objects | 7. Filters | 8. Settings |
| 9. Side Panel | | | |

7.1 Objects

A side panel shows when selected for system Objects. From this side panel these options are available.

- | | |
|------------------------|---|
| 1. Cameras | These are XProtect cameras shown in XProtect camera groups |
| 2. Live Objects | These are objects added to the <u>ORBNET Live Maps</u> database |
| 3. Views | XProtect Smart Client views list |
| 4. Inputs | Available Inputs from XProtect |
| 5. Outputs | Available Outputs from |



1. Cameras
2. Live Objects
3. Views
4. Inputs
5. Outputs

7.1.1 Cameras

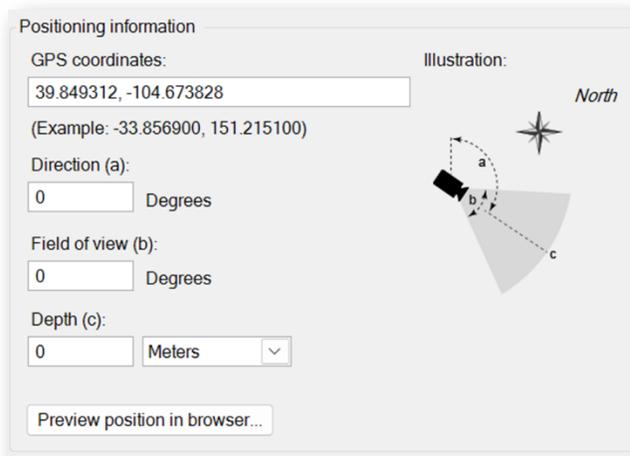


These objects are devices already configured within XProtect and connected to a XProtect Recording Server with a video stream channel.

As default these will be characterized with one of the below icons.



To enable these camera devices to show on the map in ORBNET Live Maps, add the GPS coordinates to the camera information in the XProtect Management Client. Cameras set with a valid location will display automatically on the map.



Camera objects generate states in XProtect, and can be used to display additional information, floating on the bottom right corner of an object.



Example shows a Body Camera in an offline state.



Alarm States

As well as the above states ORBNET Live Maps is also able to receive alarm states from XProtect. Wherever an XProtect Alarm Definition is created and with an associated camera or device these will display a triggered alarm state on the object icon.

The camera object on the map will display a flashing red circle.



In the object list the camera name text will show in red when in an alarm state.



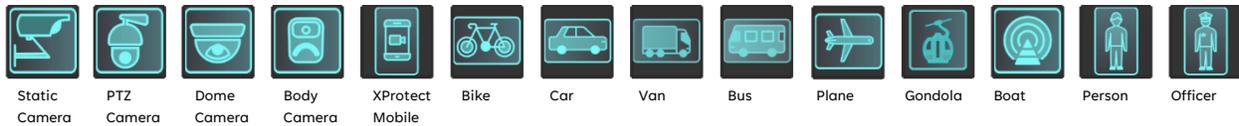
7.1.2 Dynamic Objects

Select the below option.



These objects are unique to ORBNET Live Maps and shown within the map window, based on a Global Positioning System (GPS) location. These can be static or live depending on the type of object and how the data is sent to the ORBNET Live Maps service. These objects can only be sent to the map via the Application Programming Interface (API). The basics of the API will be covered in this document, there will also be a dedicated API document for ORBNET Live Maps.

There are several icons used to represent distinct types of objects in the map window. Shown below are a few icons available, but not limited to. It is also possible to customize icons to suit a project's requirement.

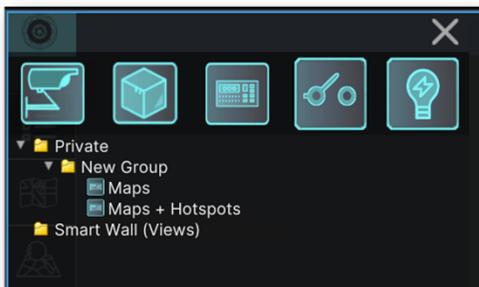


7.1.3 Views

Select the below option.



Views created from the XProtect Smart Client will show when this option is selected. From this menu views can be associated with objects. When an object is selected on the Map the associated cameras can be shown. This will pop up the relevant view in a new XProtect Smart Client window.



7.1.4 Inputs

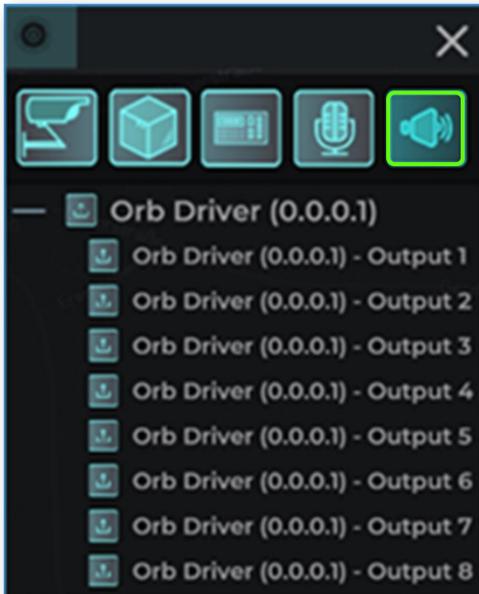
Select the below option.



Inputs are taken from XProtect devices with inputs already configured and enabled. From this menu inputs can be associated with objects. When an object is selected there is a control menu that shows available inputs and shows the current state.

7.1.5 Outputs

Select the below option.



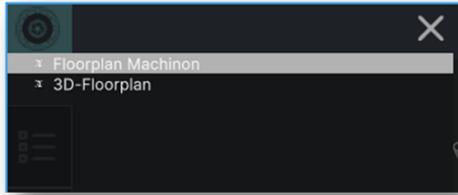
Outputs are taken from XProtect devices with outputs already configured and enabled. From this menu outputs can be associated with objects. When an object is selected there is a control menu that shows available outputs and allows the current state to be changed.

7.2 Maps

Select the Maps option from the left-hand menu.



This menu is used to display Milestone Maps already created within the XProtect Smart Client.



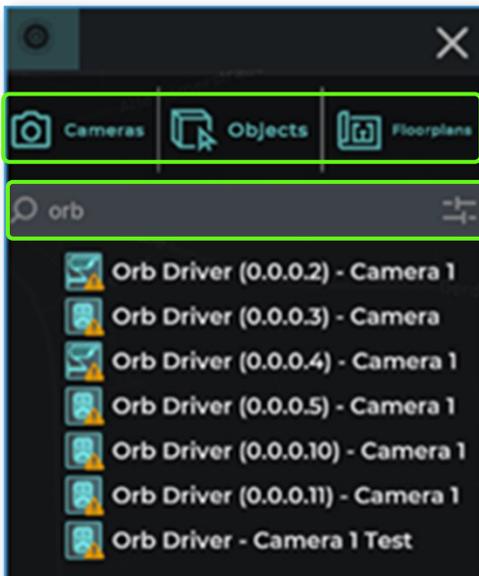
Right Click to show Popup Map, click to open Map in a new popup menu.

7.3 Search

Select the Map Search option from the left-hand menu.



The side menu will open to display a search dialog



Filter by type, press to unselect an option will show grey.

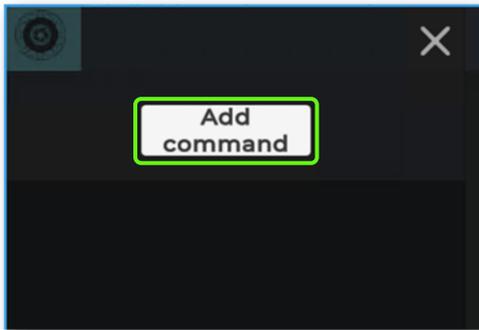
Type to start search.

7.4 Commands

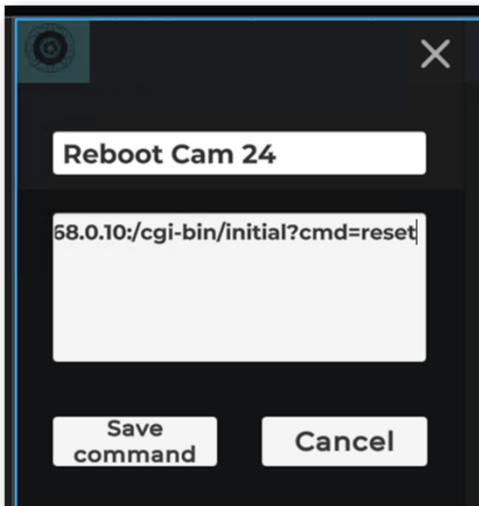
Select the Commands option from the left-hand menu.



The side menu will open to display the command window.



Example command setup.



Reboot command example for i-PRO camera.

```
http://username:password@192.168.0.10:/  
cgi-bin/initial?cmd=reset
```

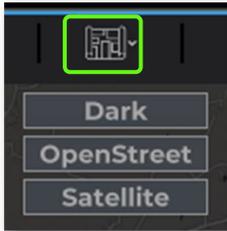
The command text must include the full HTTP URL including the username, password, device IP and the CGI command.

Note that the username and password is included in this URL in plain text. When sent across the network from the ORBNET Live Maps server the message is then encoded in base64.

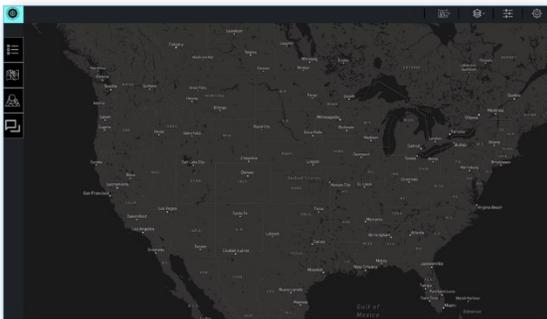
7.5 Map Styles

From the top right panel, Map Styles can be selected. As default there are three options.

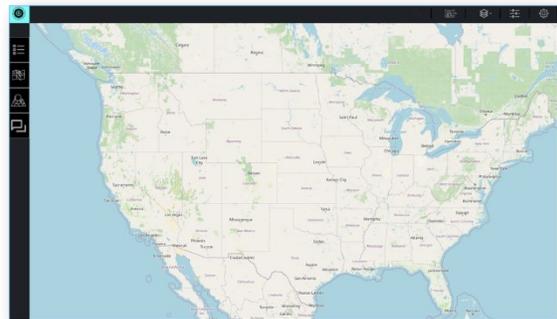
All these options use a tile server to provide the map image in a grid form. At different zoom levels new map images are provided. Map tiles are downloaded and stored locally, this makes the map load quicker. Changing Map Style will require new tiles to be downloaded so may be slow to load first time around.



Dark



OpenStreet

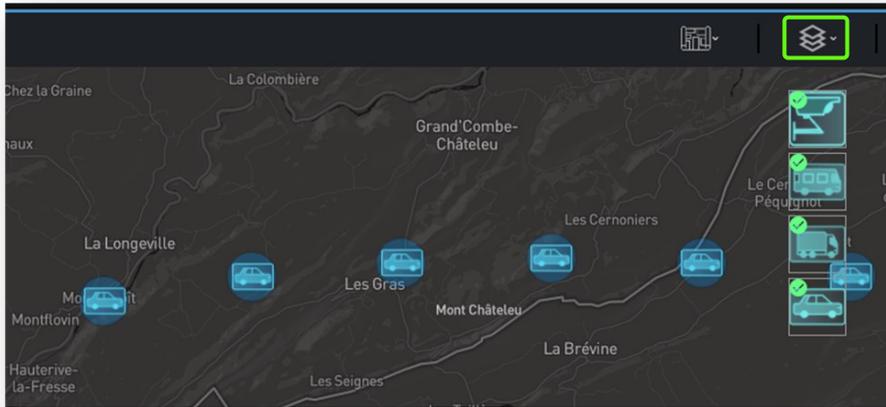


Satellite

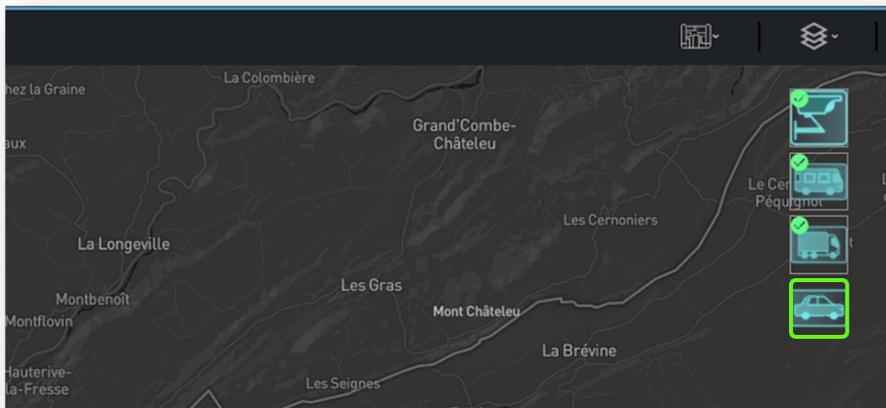


7.6 Selective Objects

This is a filter option. The menu shows available object types, already shown on the map. As default these show with a green tick alongside them. When pressed the green tick will be removed and the object type will be removed from the map.



With cars unselected, the objects as a car type have been removed.



7.7 Filters

From the top right corner panel, click the Filters option.



The below menu will show in the center of the screen.

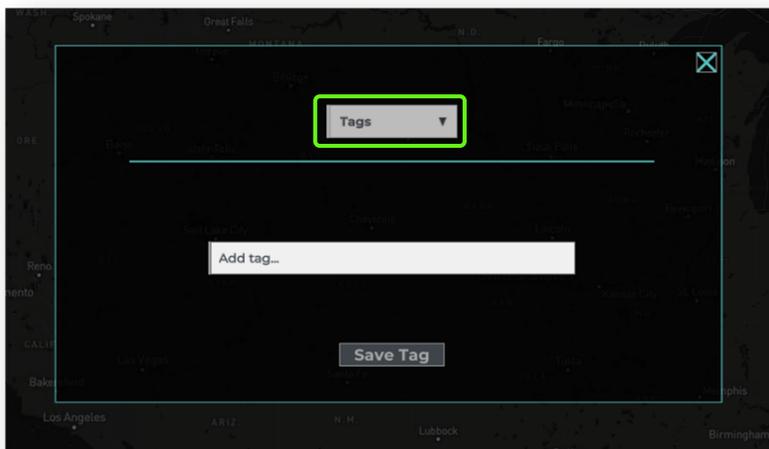
The initial option that will be shown is Time.



Time	
Hour	1-24
Day	1-31
Week	1-52
Month	1-12
Infinite	∞

Time as a filter is used in relation to objects. When an object is added to the map a historical time is logged to the ORBNET Live Maps database. Update the time filter, historical objects before the selected time will be removed.

The second selection in this menu is Tags



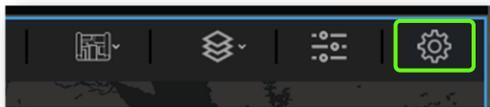
Add a tag by typing the text and click [Save Tag]. This option is then selectable. Click [+Add tag] to add other tags.



Tags are used in relation to objects names. If the tag is included in the name, the object will be shown when ticked and not shown when unticked.

7.8 Settings

From the top right corner panel, click the Filters option.



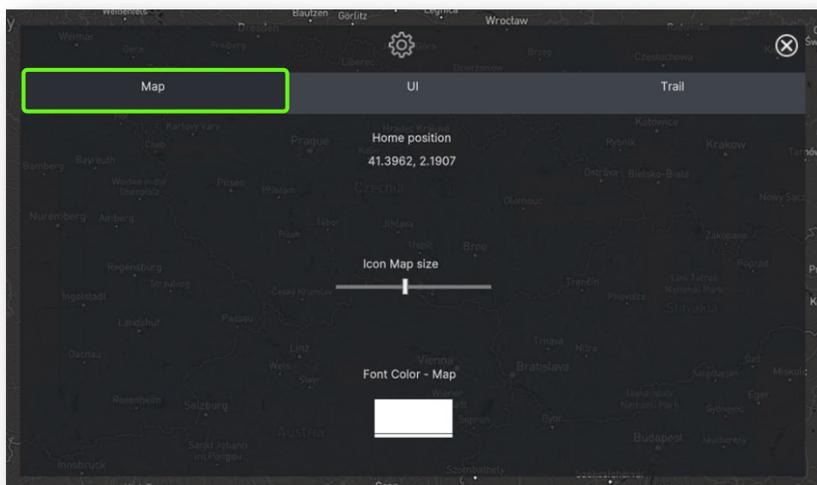
The below menu will first show, use the tabs to select other options.

Map

Home position – Cannot be set manually in this menu, use right click while in the map.

Icon Map Size – This changes the size of cameras and objects shown on the map. These update in real-time.

Font Color – Map – When clicked this shows a color picker. Use to change the color of display text for cameras and objects on the map.

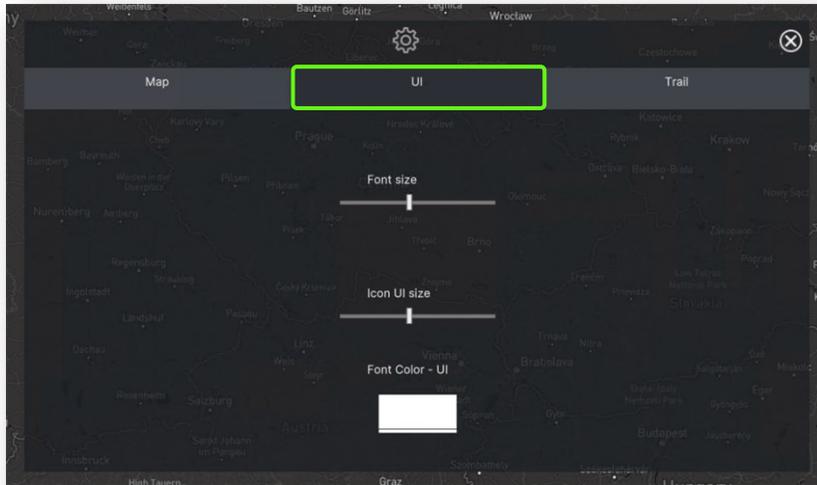


UI (User Interface)

Font size – Font size of text used for any of the ORBNET Live Maps menus

Icon UI Size – Icon size used for any icons shown in ORBNET Live Maps menus

Font Color – UI – Font Color used for text in any of the ORBNET Live Maps menus

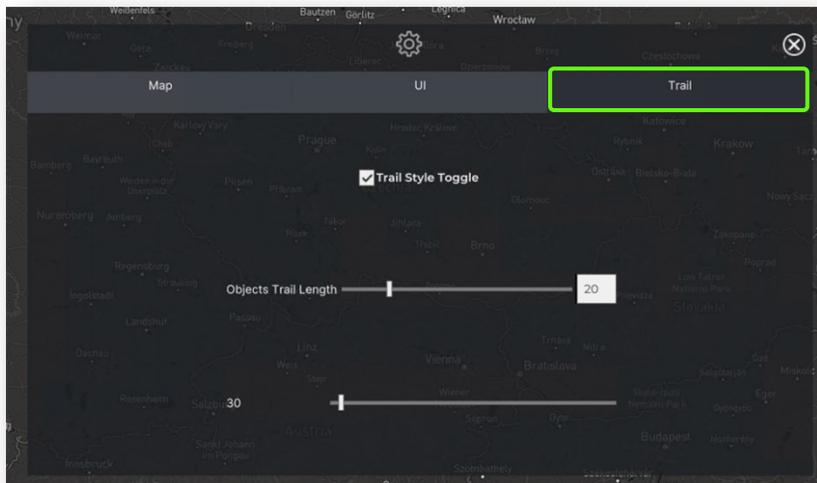


Trail

Trail Style Toggle – Changes between two trail styles

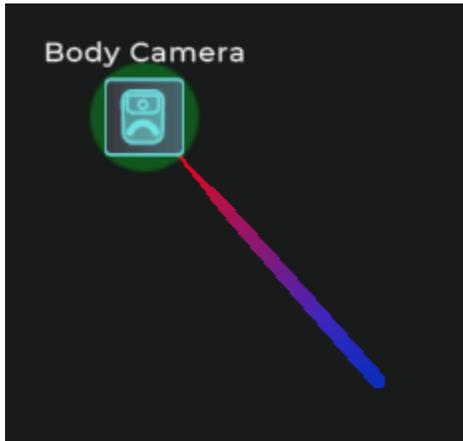
Object Trail Length – Use bar to adjust how long the trail is (0 – 100 location points)

- (0 – 1000)

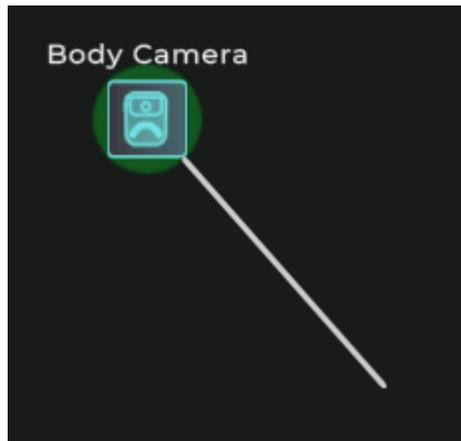


Trail Style Toggle Examples

Default

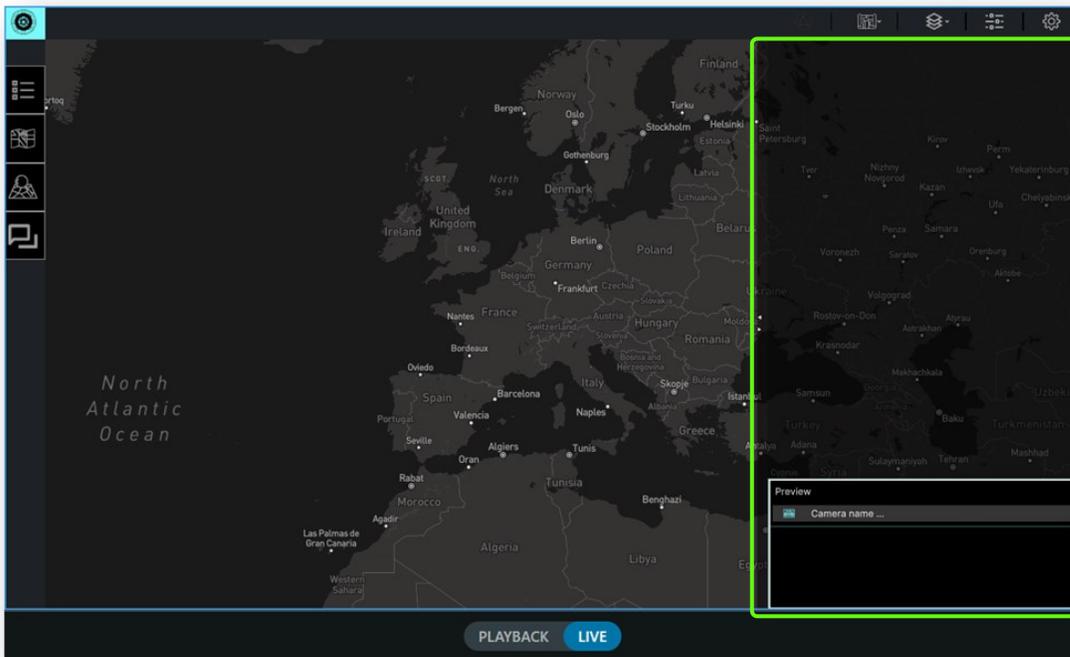


Other



7.9 Side Panel

The side panel displays to the right of the map screen, this opens as default when ORBNET Live Maps is loaded.

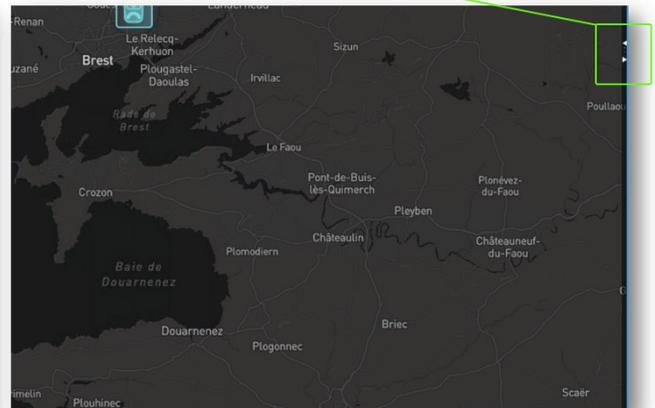
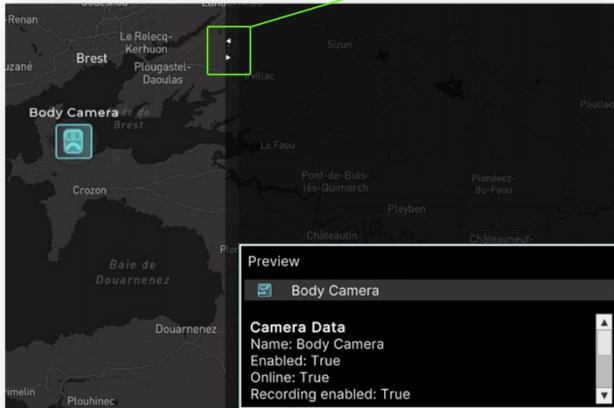


To open and close the side panel use the arrows in the center of the panel.

Use the arrows in the panel to show



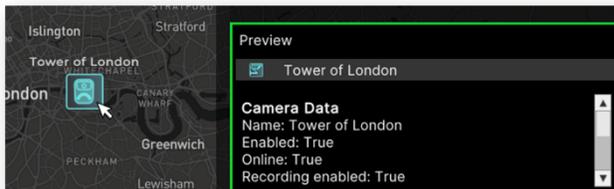
and hide.



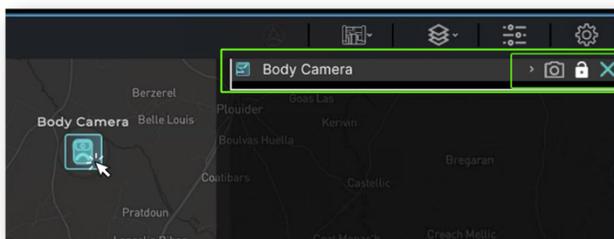
This window will show the last selected object or camera. Note the white border of the window.



When you mouse over an object or camera the Preview window will be highlighted in green.



When an object or camera is pressed with the left mouse click it will be shown at the top of the side panel.

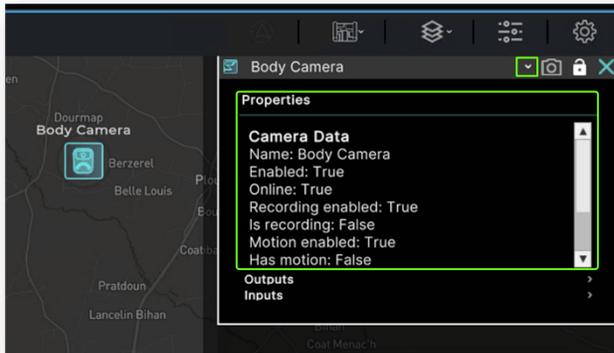


1. 2. 3. 4.



1. Expand Camera or Object properties
2. Popup Camera in XProtect window
3. Lock Camera or Object to side panel
4. Clear Camera or Object from side panel

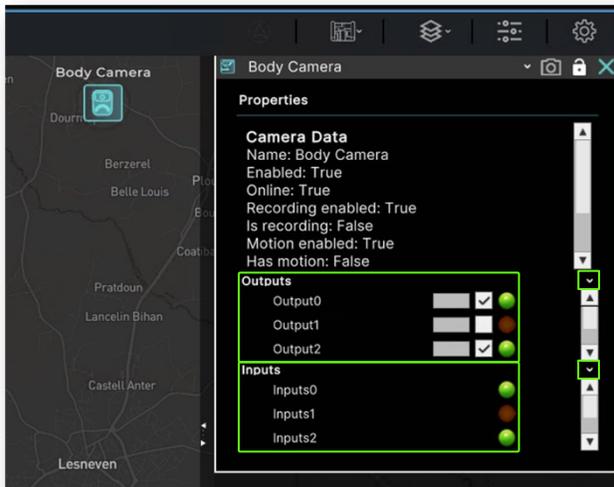
Click option 1 to expand the Cameras or object properties.



Properties

The information provided will be dependant on the device type. If this is a camera device from XProtect the properties show will be what is made available from XProtect via the MIP/SDK. Other devices connected via the API will show other information provided by third-party device.

Further expand Outputs and Inputs to show output controls and input states.



Outputs

Available device outputs will be shown here. Controls are;
[Button] for momentary trigger
[Tick] for on (ticked), off (unticked) trigger

Inputs

Available device inputs will be shown here with the current states.

8 Map Functions

8.1 Right Click Menu

8.1.1 Map

Right click anywhere in the map where another object or camera is not shown.

48.1504, -4.1460 [Copy]	Current GPS position
Set as Home position	Set current position as Home position
Popup Map	Popup Map ##
Pin this location	Pin current location

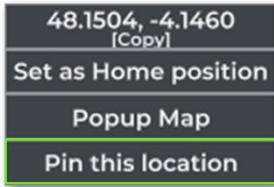
8.1.2 Object or Camera

0.0000, 0.0000 [Copy]	Current GPS position of object or camera
Set as Home position	Set current position as Home position
Disable camera	Disable camera
Load Floorplan	Set related Floorplan
Popup Camera	Popup Camera in XProtect view
Open Floorplan	Open related Floorplan
Close Floorplan	Close related Floorplan
Acknowledge Alarm	Acknowledge Alarm when in Alarm state
Settings	Association menu
Follow object	Follow object moves the screen with the object or camera centered
Run Commands... >	Run associated Commands, three show
Popup Views... >	Popup associated Views, three show
Activate Outputs... >	Activate associated Outputs, three show

8.2 Location Pin

Right click anywhere in the map where another object or camera is not shown.

Select Pin this location to add a pin to the map, right click again to unpin.



This is the pin that will show on the map.

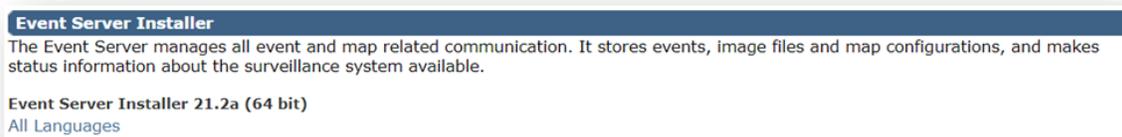
9 Troubleshooting

9.1 XProtect Event Server Installation

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

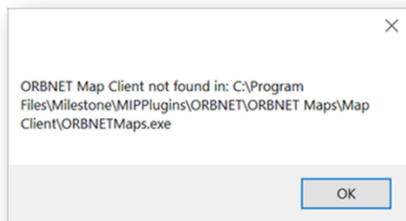
From the server/machine with the XProtect Management Server service follow to <http://localhost/installation/admin/default-en-US.htm>

This will provide a XProtect installation page where you will be able to run the installer for the XProtect Event Server. This must be installed so the ORBNET plugin can communicate with XProtect MIP SDK.

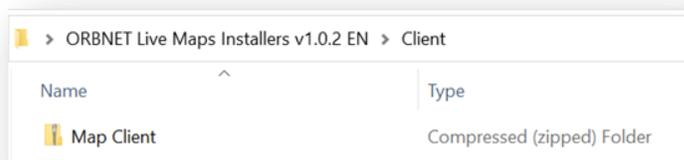


9.2 ORBNET Live Maps Client not found

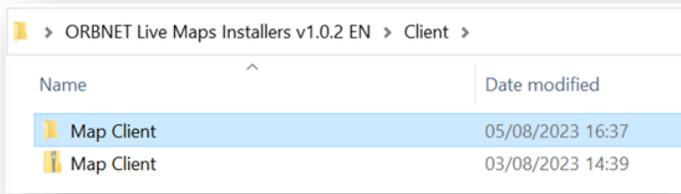
When adding the ORBNET Live Maps application to a tile in the XProtect Smart Client this message is shown.



The Client files can be found in the ORBNET Live Maps installer package under the Client folder. Unzip the Map Client compressed folder.

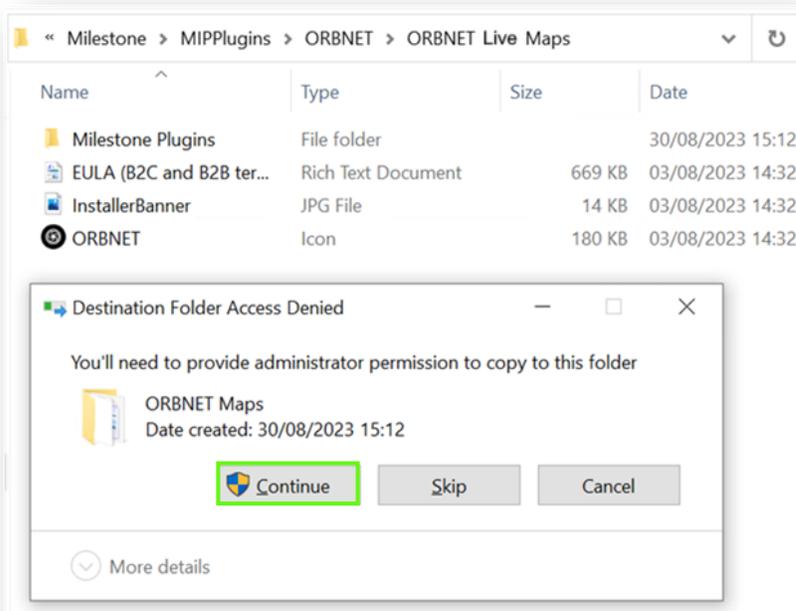


Copy the newly unzipped Map Client folder.



Navigate to C:\Program Files\Milestone\MIPPlugins\ORBNET\ORBNET Live Maps\
Inside this folder paste the Map Client folder.

You may get a prompt to provide administrator permission to copy to this folder. Press **Continue**.



Now when the ORBNET Live Maps plugin is run in the XProtect Smart Client the Unity client will load ORBNET Live Maps correctly.

9.3 ORBNET Live Maps tile shows blank

If the tile shows blank when shown the ORBNET Live Maps most likely is Stopped on the server that hosts the service or the server is offline. Check this server first and make sure the service is running.

