



# MILESTONE INTEGRATION USER MANUAL

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# TABLE OF CONTENTS

<b>1. Introduction .....</b>	<b>3</b>
1.1 Purpose .....	3
1.2 Audience .....	3
<b>2. System Description .....</b>	<b>3</b>
2.1 Key Features .....	3
<b>3. Product Installation .....</b>	<b>3</b>
3.1 Installation .....	3
3.2 Configuration .....	3
3.2.1 Milestone .....	3
3.2.2 FuseParking .....	3
<b>4. System Usage .....</b>	<b>4</b>
4.1 Instructions .....	4
<b>5. Key Contacts .....</b>	<b>4</b>
<b>6. Roles and Responsibilities .....</b>	<b>5</b>
<b>Appendix A: Milestone Integration User Manual Approval .....</b>	<b>6</b>

## 1. Introduction

### 1.1 - Purpose

The purpose of this document is to provide the user with the steps required to set up the FuseParking platform software to integrate with the Milestone XProtect System (XPS). This allows the FuseParking platform to raise events and capture images from the Milestone XPS using events triggered by sensors or other devices in the FuseParking platform.

### 1.2 - Audience

This document is intended for administrators of the system tasked with setting up the FuseParking platform and the integration processes.

## 2. System Description

### 2.1 - Key Features

This system allows the FuseParking platform to trigger events that are already defined in the XPS system. It also allows the FuseParking platform to capture images when parking events occur.

## 3. Product Installation

### 3.1 - Installation

The web interface is cloud-hosted and does not require any installation by the end-user. The Milestone XProtect system should be installed according to their directions.

### 3.2 - Configuration

#### 3.2.1 Milestone

##### 3.2.1.1 Milestone User

The XProtect system needs to have a user added to its system to allow FuseParking to access it.

##### 3.2.1.2 User Events

The XProtect system needs to have user events defined that will be triggered when parking events occur within FuseParking.

##### 3.2.1.3 Cameras

All cameras in the XPS should have **names** associated with them and be added and configured prior to configuring the FuseParking platform.

#### 3.2.2 FuseParking

##### 3.2.2.1 Milestone Servers Configuration

Log into the FuseParking web application and choose from the menu on the left-hand side the following: **Maintenance -> Milestone -> Milestone Servers**.

On the first screen, you will **Add**  a new Milestone server to the system. You will provide a **Description**, **URI** of the server including the port, **User Name**, and **Password**. Once these are entered click the **Okay** button.

You will be returned to the Milestone Servers grid where your newly added server will be displayed.

Click on the line in the grid for the server and choose the tab from the top labeled **Milestone Events**. Here you will be presented with a list of any events that will be raised when a parking event occurs in the FuseParking. Clicking on the **Add**  button will give you a dialog window asking for **Event Type** and **Event Name**. Enter **1** for **Event Type** and the **Event Name** of the event to trigger that is defined in the XPS. Once entered click **Okay**.

Now click on the **Milestone Cameras** Tab. This is where you define the name of the cameras that are defined in the XPS and assign them to a specific space in the parking lot. Clicking on the **Add**  button will bring up a window that will allow you to add a camera to the system. Enter the **camera name** as defined in the XPS and click **Okay**.

Now you will be brought back out to the **Milestone Cameras Grid** with the camera you just added now in the grid. Click on that camera in the Grid and select the **Edit button**.  This will bring up a window similar to the add screen but it has an additional tab named **Space Cameras**. Click on that tab to assign spaces to the camera.

A grid is displayed showing what **spaces** are assigned to what **cameras**. Clicking on the **Add**  button here will bring up the **Space Cameras Edit** screen and allow you to pick from a drop-down list of **Spaces**. Select the space you wish to assign. Then enter the time offset in seconds that the system should attempt to grab a still image from when a parking event occurs in that space. This is used so that, if a car is passing a point that triggers a sensor and the camera cannot see the vehicle yet due to placement, a time offset can be used to adjust the event time to account for this delay. Once all information is entered click Okay.

## 4. System Usage

### 4.1 - Instructions

Once all the configuration done in section 3 is complete the system will trigger events and pull images as parking events occur. The events are sent to the Milestone XPS and the XPS software can handle them as needed. The event images are stored in the FuseParking database attached to each parking event recorded. These can be seen from the FuseParking by clicking on the Inquiries menu and choosing Lot Events. From here you can search for a specific event by using the Entered or Exited Time. Once you find an event you wish to view the images for, highlight it and select the Parking Lot Event Images tab. Depending on if there were an entrance and an exit event attached to this you'll see one or two image thumbnails with the corresponding image timestamps. Clicking on the thumbnail will open a new window with a full-sized image.

## 5. Key Contacts

**Jim Berg** - Director of Software Development - [jim.berg@ipsens.net](mailto:jim.berg@ipsens.net)  
IPsens LLC  
500 W Main St Suite 303  
Branson, MO 65616  
1.888.705.1196

## 6. Roles and Responsibilities

IPsens developed this integration for the collaboration of data between the parking and security departments of an organization. With that in mind there are different responsibilities of each group in order to make this integration work.

### 6.1 - Security

The security group is responsible for creating a user account with sufficient permissions to allow the integration to interact with the XProtect system. They are also responsible for setting up the **events** that they want triggered when a parking event occurs along with providing the **names of the cameras** and the areas that they cover.

### 6.2 - Parking

The parking group is responsible for entering the correct event information and camera names into the FuseParking platform software. They are also responsible for setting up the connection to the XProtect server by entering in the **server address, user name** and **password** for the XProtect system.

### 6.3 - IPsens

IPsens is available to help and answer questions you may have about your integration. Our expert technicians can troubleshoot problems and offer advice on improving performance.

## Appendix A: Milestone Integration User Manual Approval

The undersigned acknowledge they have reviewed the *Milestone Integration* **Milestone Integration User Manual** and agree with the approach it presents. Changes to this **Milestone Integration User Manual** will be coordinated with and approved by the undersigned or their designated representatives.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Print Name:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Role:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

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