

CEPTON Integration Guide



6SS

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1. INTRODUCTION

This document is intended to provide a full guide of Cepton system and its integration with Milestone XProtect. Cepton provides state-of-the-art, intelligent, lidar-based solutions for a range of markets such as autonomous driving, ADAS, intelligent traffic systems, security, crowd analytics, and industrial robotics.

This integration guide will demonstrate how to install and configure CEPTON plugin to be shown in Milestone XProtect Smart Client and display the generated alarms in the Alarm Manager tab.

1.1. Main Features

- Fully integrated with all Milestone XProtect versions
- Hot Zone configuration from within Milestone XProtect Smart Client
- Alarm generation
- Server Synchronization
- Easy-to-Use

1.2. System Requirements

- Windows OS 8 or above
- SQL Server 2012 or above
- 6SS - Cepton Integration application v1.0 or above
- Milestone XProtect Smart Client (2016 or above)

1.3. System Introduction

The below figure describes how all the upcoming data from Cepton server are received, interpreted, and presented into the smart client along with any alarms generated from any defined hot zone.



FIGURE 1: CEPTON SYSTEM INTEGRATION WITH MILESTONE

2. CEPTON PLUGIN CONFIGURATION

2.1. CEPTON Setup Wizard

First open the copied CEPTON installation setup folder and double click on Setup. The setup wizard opens, click Next to continue.

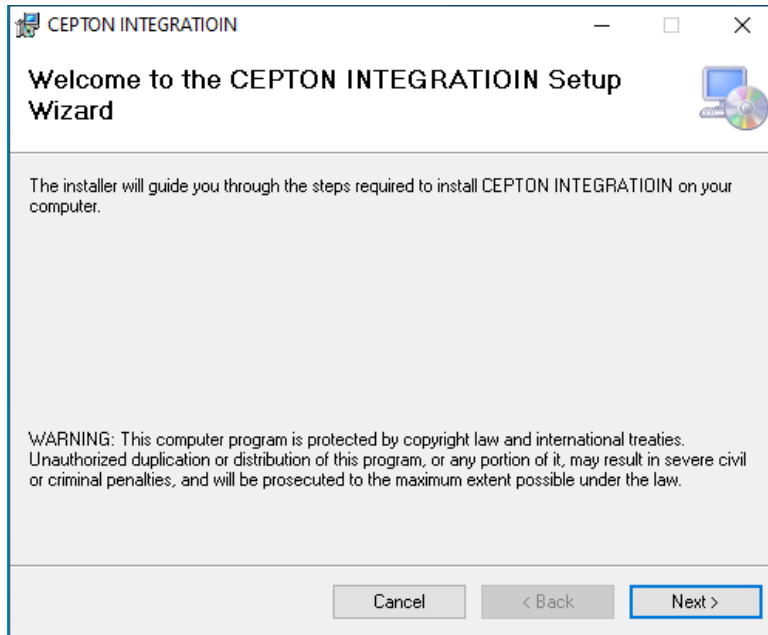


FIGURE 2: CEPTON SETUP WIZARD

Next specify the installation folder path where CEPTON app folder will be created. Click next to continue and the setup will be installed as shown in **Figure 4**.

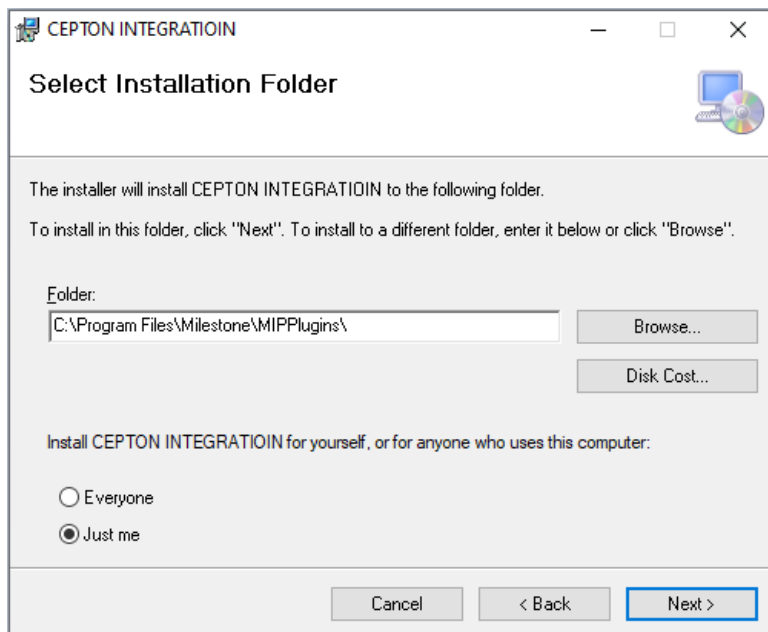


FIGURE 3:CEPTON INSTALLATION FOLDER

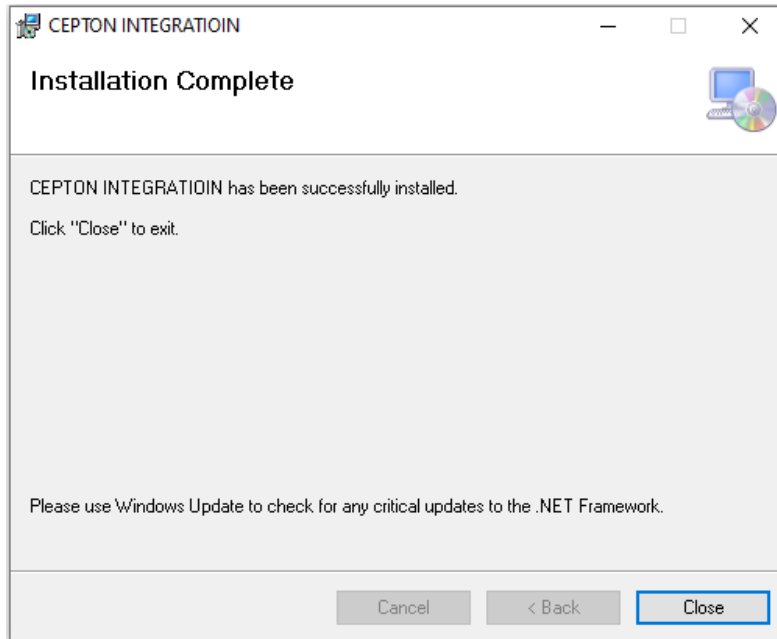


FIGURE 4: CEPTON INSTALLATION COMPLETED

2.2.6SS - Cepton Integration Application

This application is dedicated to interpret all the analytic data coming from Cepton Server in order to be shown in Milestone XProtect Smart Client.

Click the button "Start Alarm" in the left bottom corner to be able to receive alarms into the Smart Client.

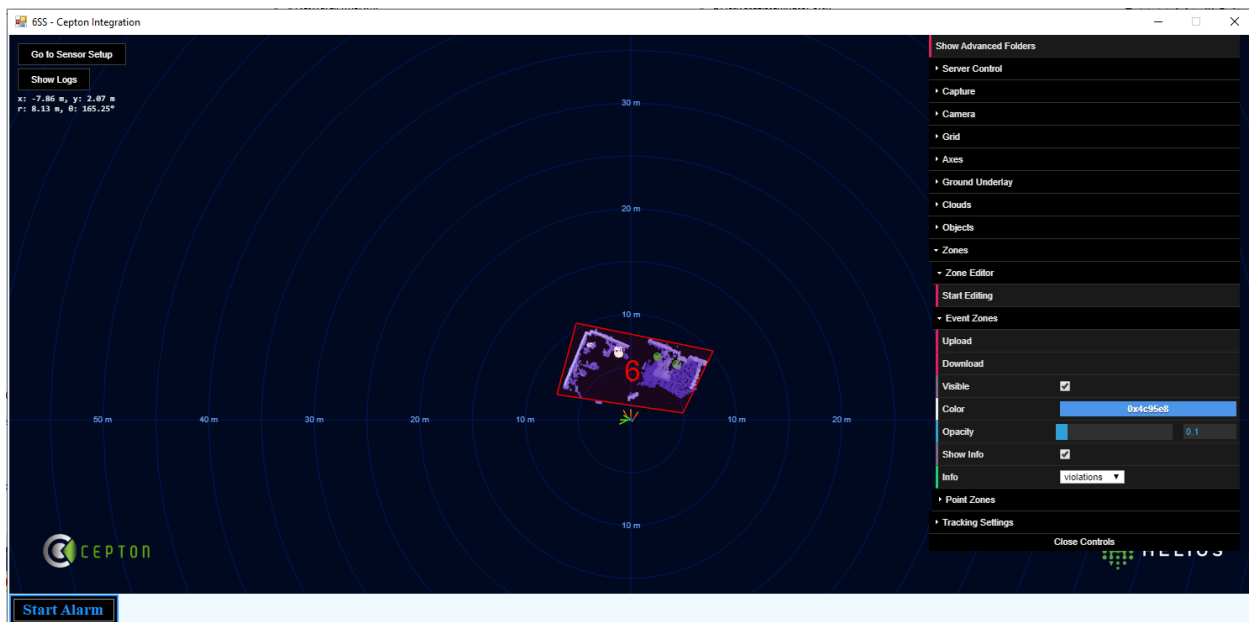


FIGURE 5: 6SS – CEPTON INTEGRATION APPLICATION

2.3. Smart Client Interface

Navigate to Milestone XProtect Smart Client and notice that “CEPTON” tab is now shown next to the “Alarm Manager” tab.

All the data shown under this tab are directly coming and synchronized with Cepton server. You can also define hot zones and create Event, Exclusion, and/or Inclusion for these zones directly from this plugin.

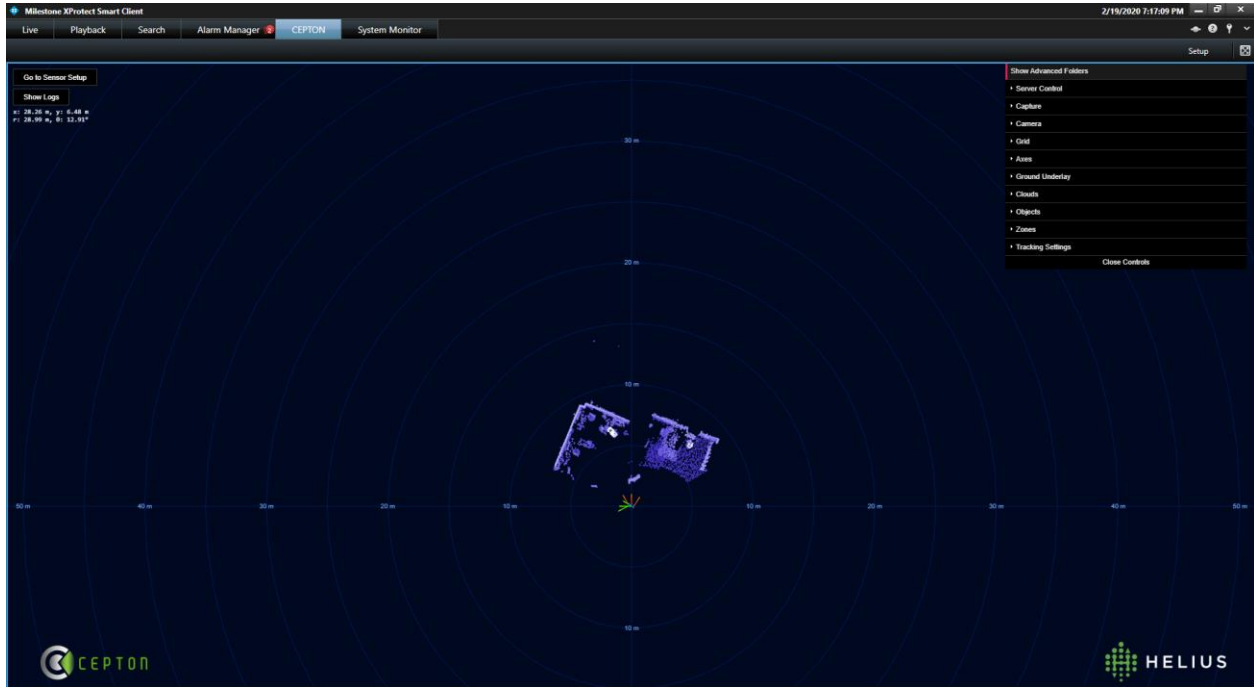


FIGURE 6: SMART CLIENT CEPTON PLUGIN

All the generated alarms for the previously defined hot zones are shown in the **Alarm Manager** tab of Milestone XProtect Smart Client (Figure 7).

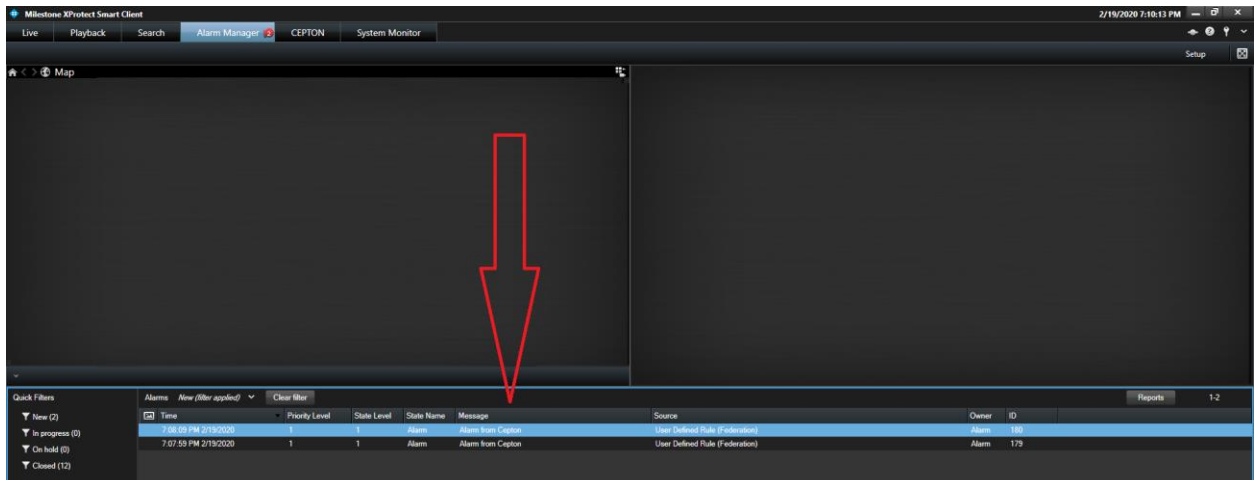


FIGURE 7: CEPTON ALARMS