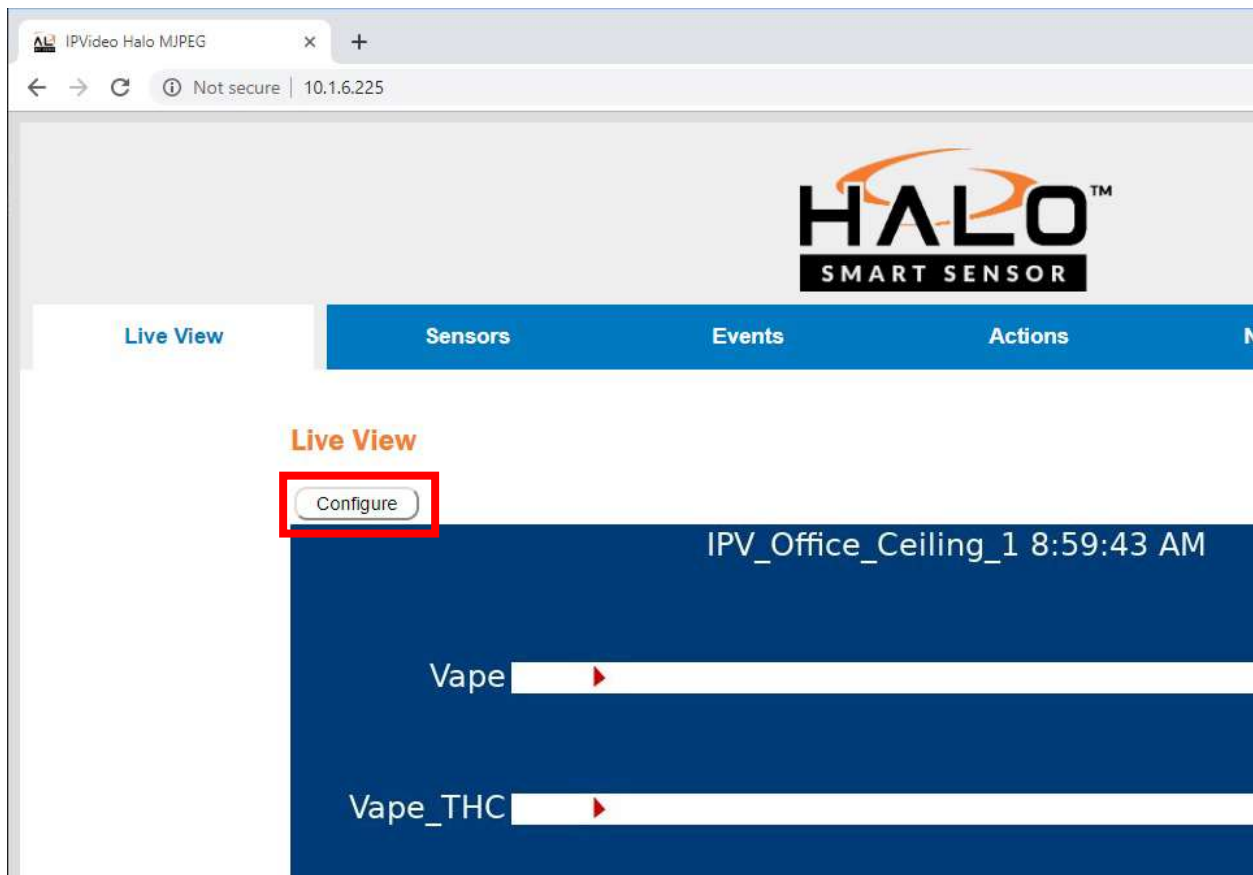# HALO

CATHEXISVISION INTEGRATION GUIDE

Contents

INTRODUCTION

The HALO Smart Sensor can be integrated into Cathexisvision Video Management Software using the MJPEG output from the HALO device and the Generic URL support of Cathexisvision. This allows operators to visualize and record the real-time data from the HALO Smart Sensor, as though it were a typical IP Camera.
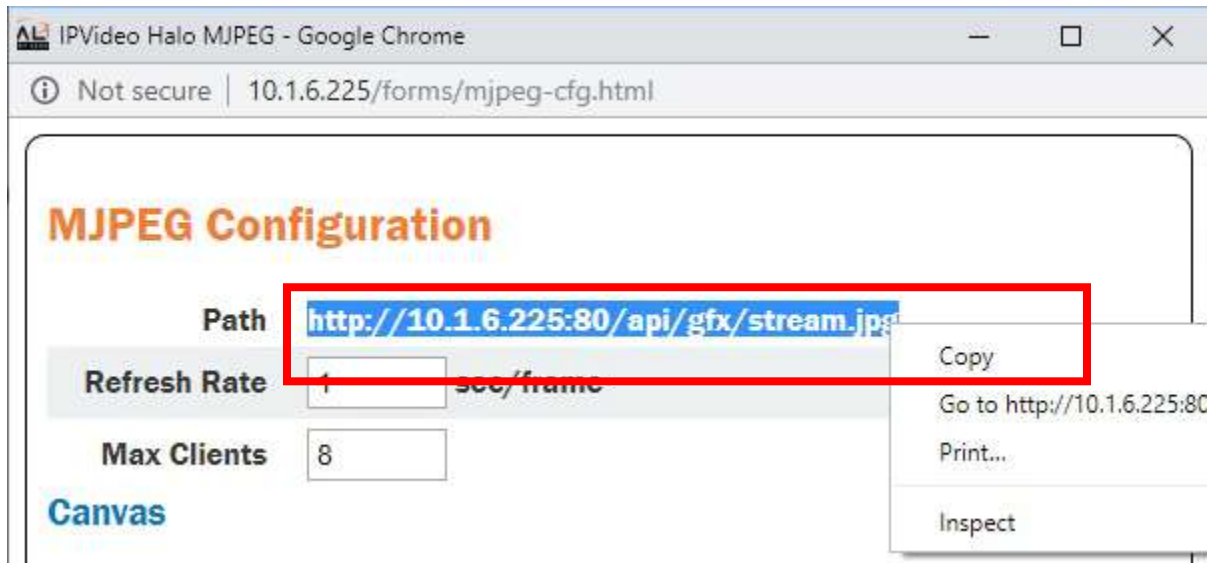
Note : This integration was tested using version 2019 (191029-105653)

HALO SMART SENSOR – Motion MJPEG Output Stream URL

To capture the Stream URL needed to connect Video Insight to HALO, simply navigate to the HALO Smart Sensor with a Web Browser, and click on the ***Configure*** button.

Highlight the Stream URL that is displayed in the Configuration Pop Up window with the mouse and cursor, then right click and select Copy.

HALO SMART SENSOR – Authentication

In order to connect HALO Smart Sensor to CORTROL VMS, the device must be set to Basic HTTP Authentication.

Open HALO Smart Sensor in a web browser and click on the Device tab.

Scroll down to HTTP / API and click on the Authentication dropdown menu and select Basic Only.

Click the **Save** button to save changes and re-boot the HALO Smart Sensor

HALO SMART SENSOR – Actions

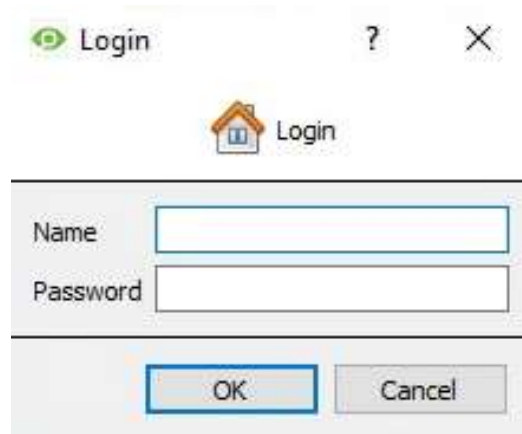Click on the Actions tab of the HALO Smart Sensor interface.

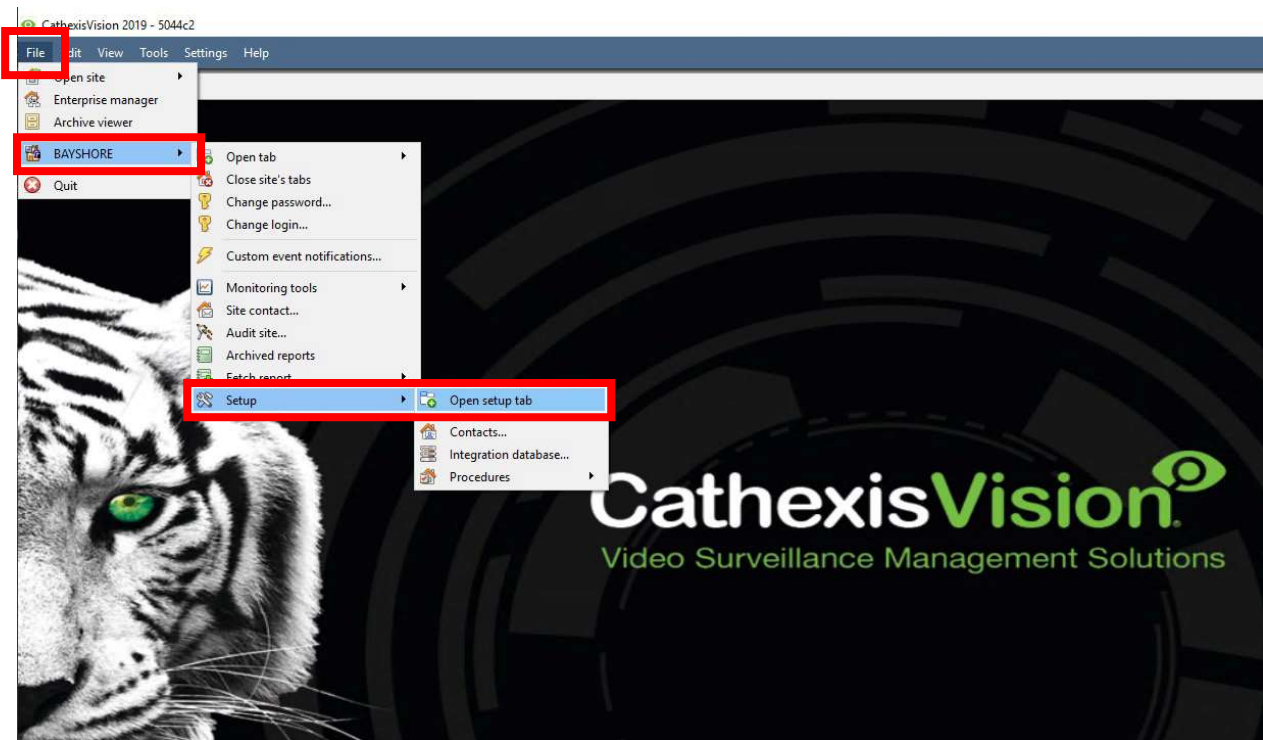Check the **Messaging Set** checkboxes for each of the **Event Identifiers**.

Click the **Save** button to save settings.

CATHEXISVISION ADMIN – SITE SETUP

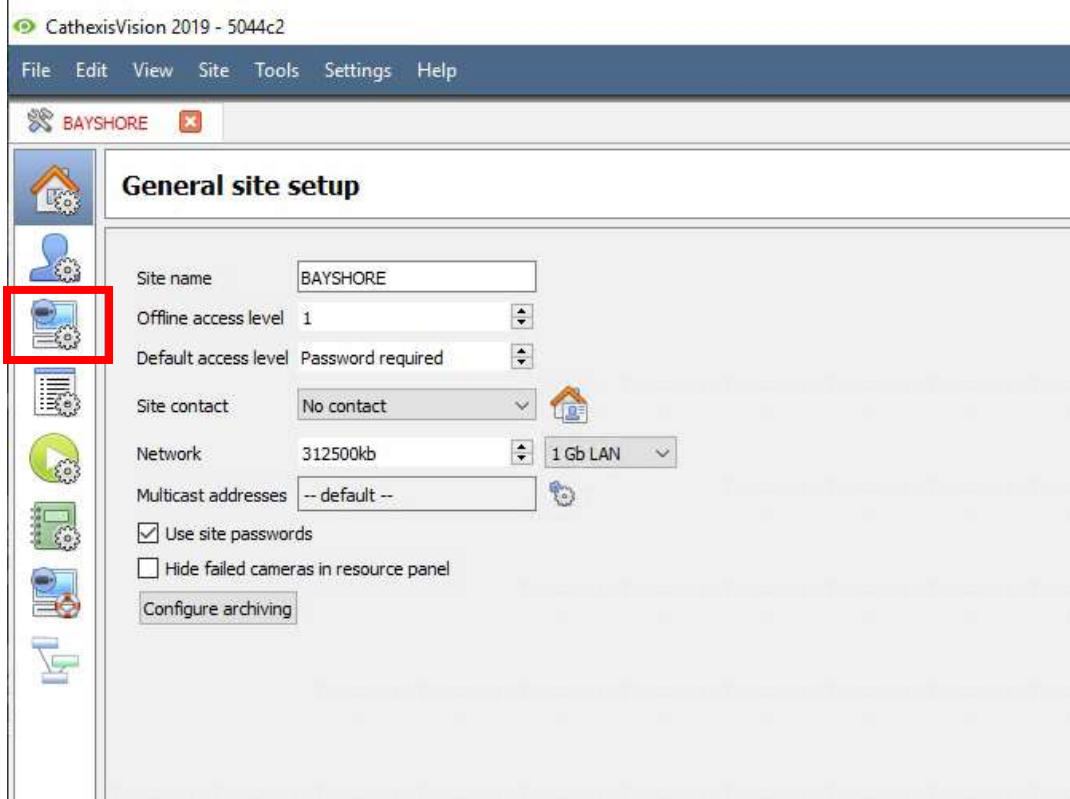Login to the Cathexisvision Admin Client with Administrator rights to add the HALO Smart Sensor as a device.
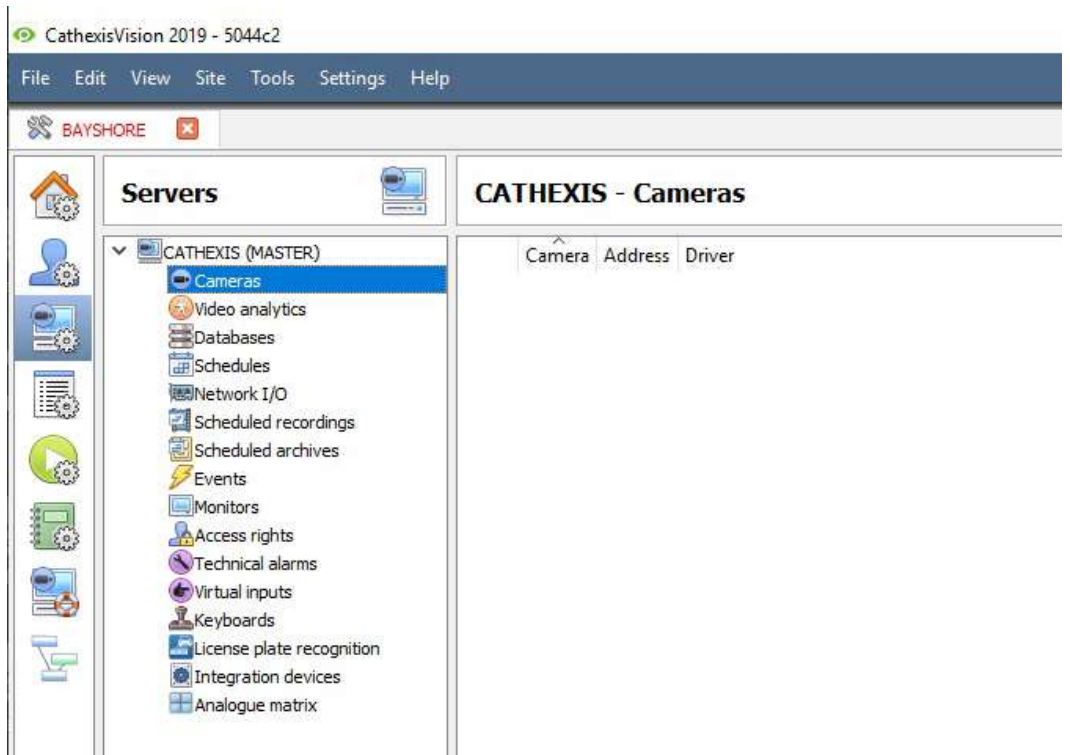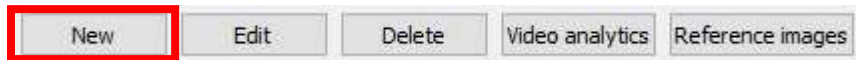
Click on File, select a Site, select Setup and Open Setup Tab.

CATHEXISVISION ADMIN – ADD NEW CAMERA

Click on the Configure Icon in the left navigation.
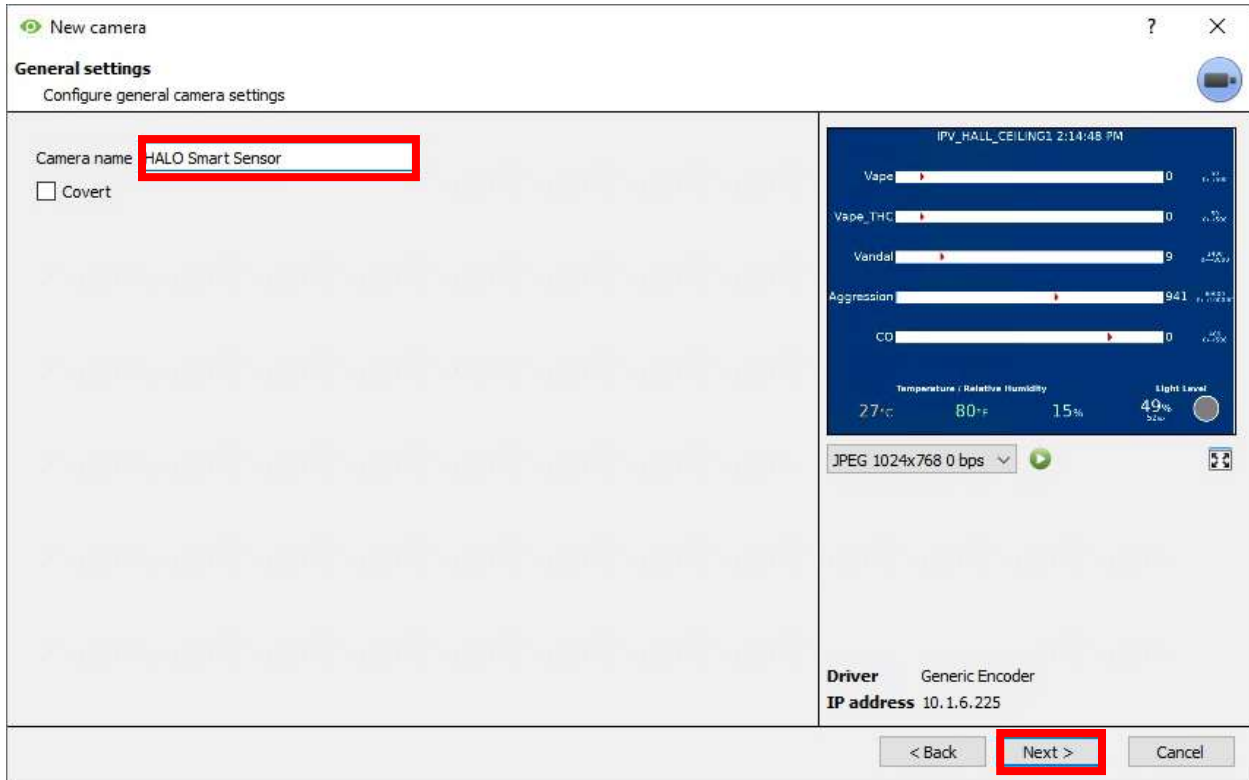
Click the New button to Add Device.

Select *"Generic Encoder"* for Driver

Paste the stream URL that was copied earlier from the HALO Smart Sensor interface into the Address bar (ex **http://ipaddress:80/api/gfx/stream.jpg**)
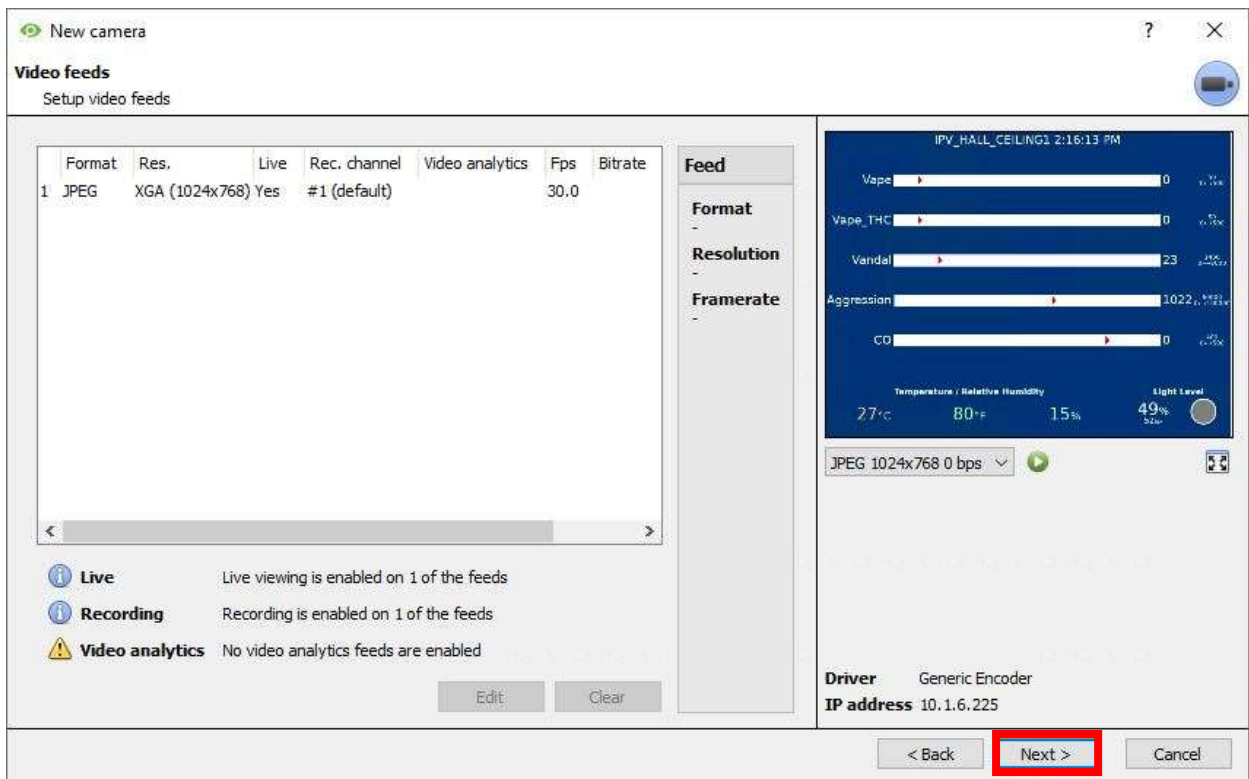
Enter the HALO device username in the *Login* field.

Enter the HALO device password in the *Password* field.

Click Next.

Enter a Camera name and click Next
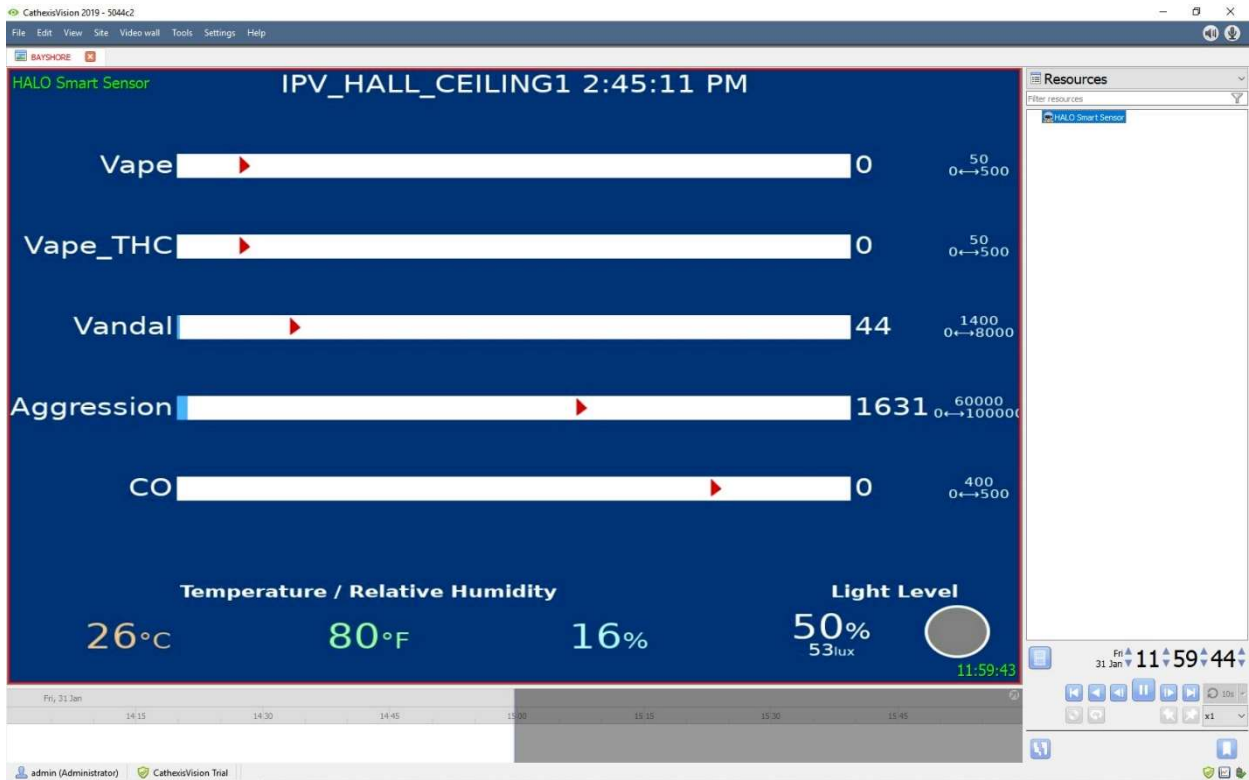

Click next to save the device to the database.

Open the CathexisVision Client and Login

Click on File, select Open Site

Drag the HALO Smart Sensor device from the Right navigation tree into the Viewing panel of the CathexisVision Client to visualize the live, real-time output from the HALO Smart Sensor.