Installation for the Vunetrix Milestone Integration Sensor

Prerequisites

- Milestone version 2020 or higher is required
- Microsoft .NET Framework 4.8 or higher is required on the Probe machine this integration sensor is installed on

Installing the Files

1. Download the VunetrixMilestonev2Release.zip file to the *probe server* which will monitor the Milestone Server.
2. Right click on each file, select Properties. At the bottom of the General tab, if the “Unblock” check box exists (Figure 1) click the box to place a checkmark inside it, then click Apply. The “Unblock” check box and the Security warning should disappear (Figure 2). Click OK.

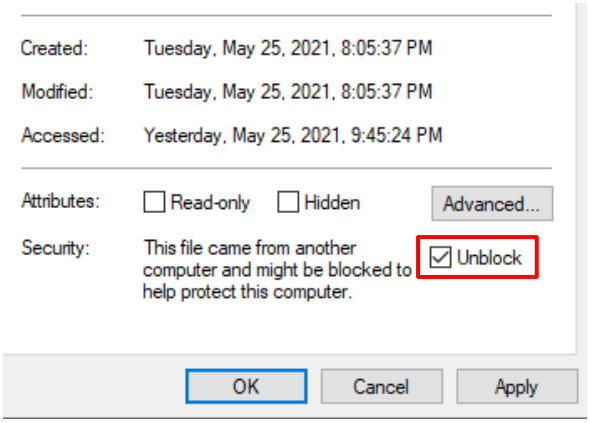


Figure 1 – Blocked Downloaded File

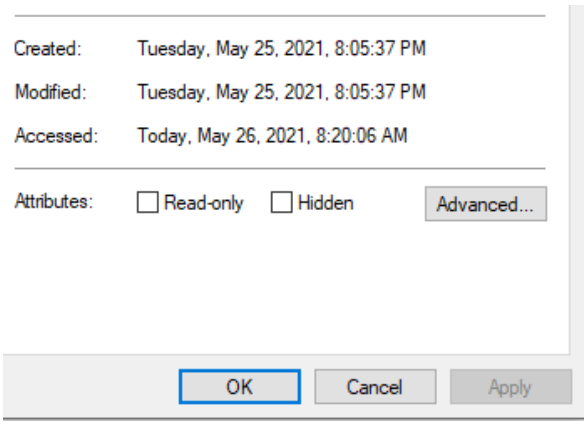


Figure 2 – Unblocked Downloaded File

3. Extract the contents of the Zip file into a temporary folder such as:

   C:\support or **C:\temp**

4. In the temporary folder, alter the following 2 files:
   - VunetrixMilestone.exe.config
   - VunetrixMilestoneDetail.exe.config

You will alter the following four lines in each file:

<add key="milestoneAddress" value="**10.10.10.10**" /> *-replace with the IP address or NETBIOS name of your Milestone server*

<add key="milestoneUser" value="**admin**" /> *-replace with an administrative-level user for Milestone server*

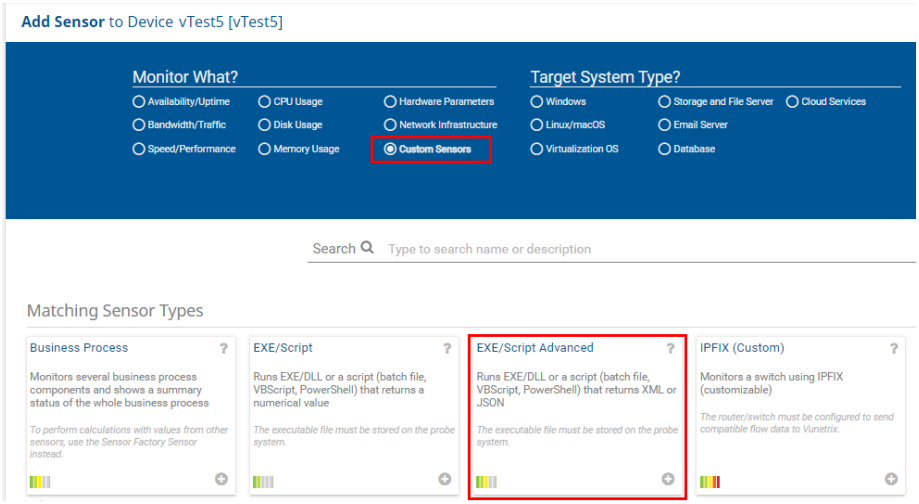
<add key="milestonePassword" value="**Password**" /> *-replace with the password of the above account on your Milestone server*

5. Save these files
6. Copy the entire temp folder contents into **C:\Program Files (x86)\Vunetrix Network Monitor\Custom Sensors\EXEXML**

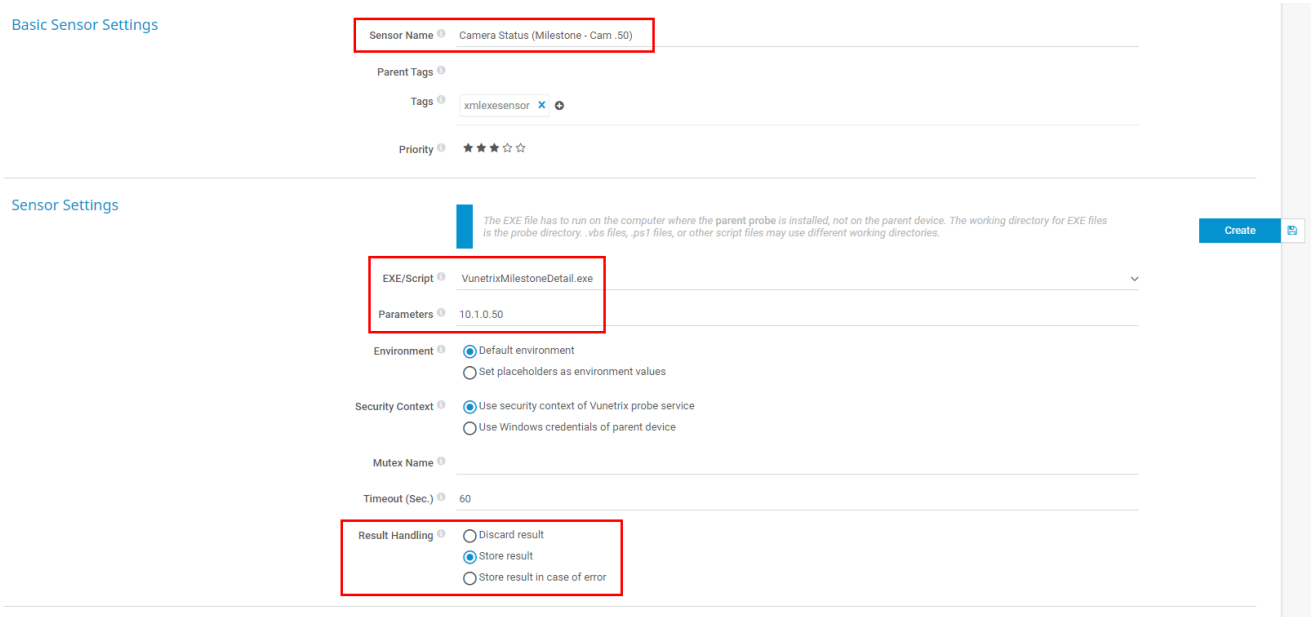
Adding the Sensor to Vunetrix

The installation procedure for a Vunetrix Milestone sensor:

1. Right click the device you wish to add the sensor to, and select **> Add Sensor**
2. Use the “Custom Sensors” Filter
3. Select the **EXE/Script Advanced** sensor type



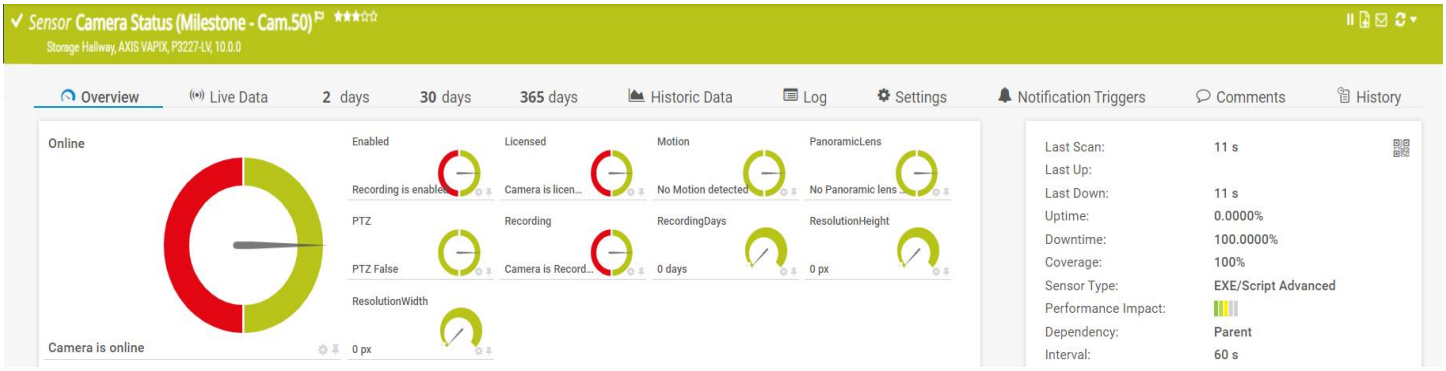
4. Set the following parameters:
   a. Under “Sensor Name” enter *Camera Status (Milestone - %Name_or_IPAddress_of_Camera)*
   b. Under “EXE/Script” use the drop-down list to select *VunetrixMilestoneDetail.exe*
   c. Under “Parameters” enter the *IP Address of the Camera* to monitor
   d. Under “Result Handling” select the radio button for *Store result*

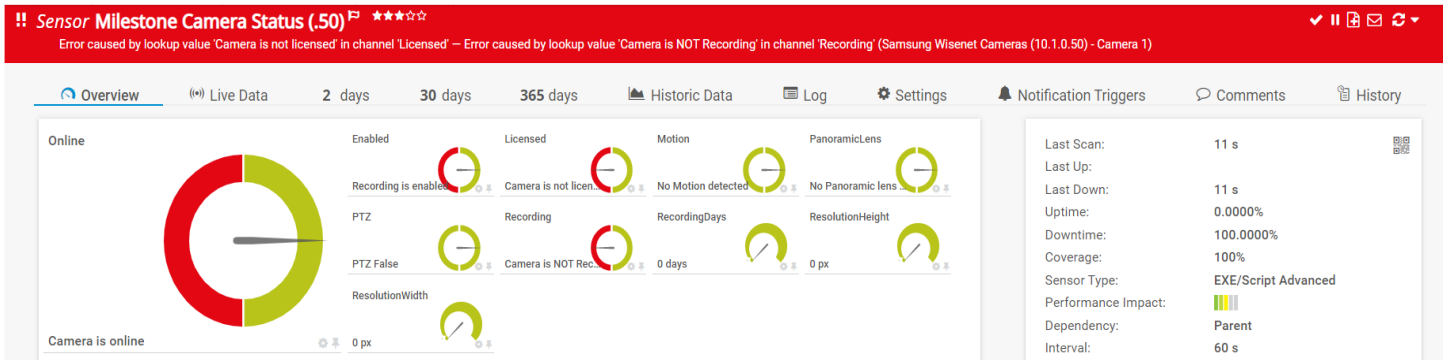


5. Click Create
6. Value Lookups do not need to be set on the Detailed sensor as they are defined automatically through the values returned to Vunetrix by the sensor

This should produce a sensor that will look like figures below. They should display multiple values including whether a camera is online in the Milestone system or not, bit rate, frame rate, image quality, recording status, retention period, etc.

Approximately 200 of these detailed sensors may be installed per Vunetrix Probe, dependent upon resource load on the Probe machine and other factors, such as how many total sensors are being monitored by the Probe device. If your installation has more than 200 cameras to monitor, it may be necessary to split up the load between multiple probes in order to monitor all cameras using this advanced sensor.





If you are installing the Vunetrix Milestone Integration sensors on a probe connected to the Vunetrix Hosted services, no further action is required.

On Premise Core Servers

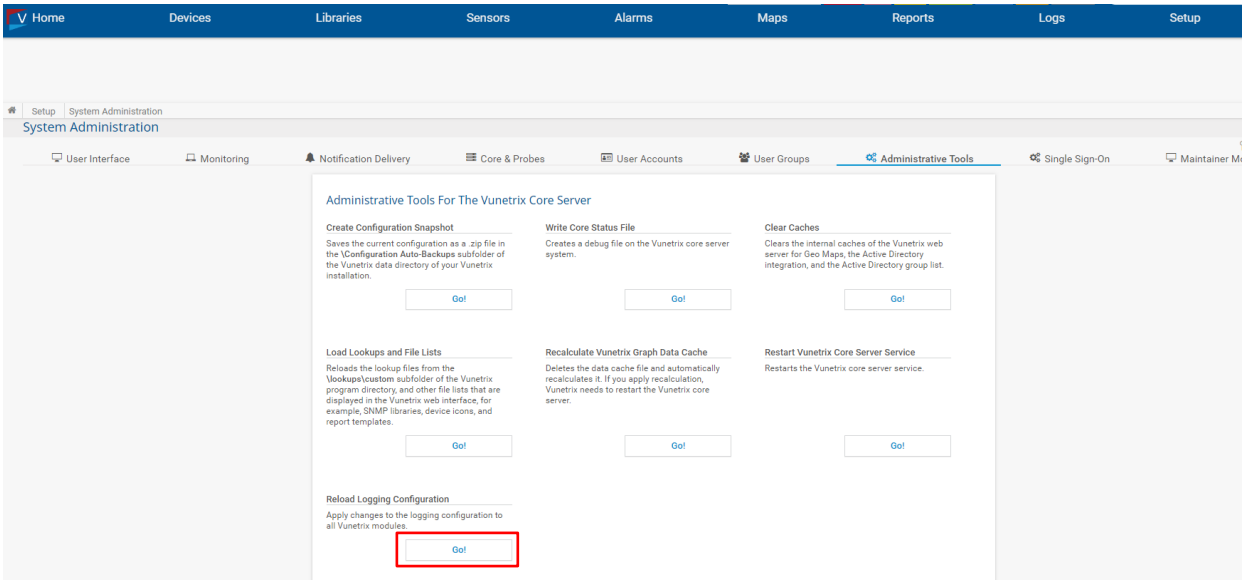
If you are installing the Vunetrix Milestone Integration sensors on a probe connected to an on premise Core Server run by yourself or your customer, Lookup reference files must be added to the Core Server in order for values extracted from the Milestone NVRs to be interpreted properly.

Installing the Files

1. Download the VunetrixMilestoneLookupsv2.zip file to the core server which will monitor the Milestone Server.
2. Repeat the procedure for unblocking the files as per the ***Installing the Files*** section, step 2 above.
3. Once unblocked, the Zip file can be unpackaged and all files copied into a temporary folder such as:

   C:\support or **C:\temp**

4. Copy the temporary folder contents to the following directory on the Core Server: **C:\Program Files (x86)\Vunetrix Network Monitor\lookups\custom**
5. In the Vunetrix Network Monitor web interface, navigate to the menu option:
   Setup > System Administration > Administrative Tools
6. Click the **OK** button beneath Load Lookups and File Lists



This completes the procedure for installing the Value Lookup files onto the VNM Core Server.