Connecting On-Camera to Milestone

1.1 Sending HTTP / HTTPS POST XML Events

This reporting option will cause VaxALPR On Camera to send each plate event in an XML packet via an HTTP POST. This method can also be used to send events to Milestone.

To activate this option:

1. Click on the XML header to expand the HTTP Post XML integration menu.

2. Enable the **Active** checkbox.

3. Enter the target **URL**. The URL should be a 'well-formed' URL such as:
   http://myserver.com/ or https://myserver.com:port/destination/mypage.php

   For Milestone connections the URL should be: http://milestoneserver:9090/

   Both domain names or IP address can be used.

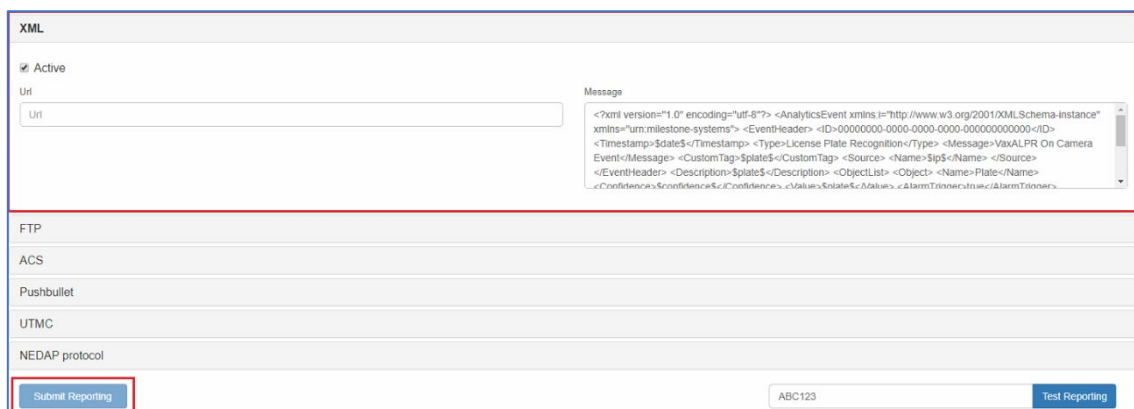4. Modify the message as needed. By default, the message is a valid Analytic Event for Milestone.

   NOTE: You can use dynamic text replacement to match the current plate's information:

   - **$date$**: Date in ISO8601 format

   - **$plate$**: License plate number

   - **$country$**: Country of origin of the vehicle

   - **$blacklist$**: Description of the plate on the blacklist

   - **$whitelist$**: Description of the plate on the whitelist

   - **$ifblacklist$ .... $ifblacklist$**: If the plate is on the blacklist, the text in the 'if clause' will be displayed.

   - **$ifwhitelist$ .... $ifwhitelist$**: If the plate is on the whitelist, the text in the 'if clause' will be displayed.

   - **$ifnolist$**...**$ifnolist$:** If the plate in not on a list, the test in the 'if clause' will be displayed.

   - **$confidence$**: Global confidence of the plate (0 – 100)

   - **$processingtime$**: The time in milliseconds that the OCR takes to process the plate read

   - **$left$,top,$right$,$bottom$**: The pixel coordinates of the top left corner and the bottom right corner of the license plate within the whole image

   - **$absoluteleft$,$absolutetop$,$absoluteright$,$absolutebottom$**: Coordinates of the top left corner and the bottom right corner of the license plate within the whole image in absolute format (0… 1).

   - **$width$**: Width of the image in pixels

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- **$height$**: Height of the image in pixels

- **ip**: IP address of the camera

- **$roiid$**: ROI Id that detected the plate

- **id**: Unique ID for the detected plate. *The database option needs to be enabled in the camera.*

- **$direction$**: Direction of travel

- **$image$**: The jpeg image encoded in base64.

- **$jpegsize$**: Size in bytes of the JPEG image after the base64 decoding.

5. Scroll down and save your changes by clicking on the [Submit Reporting] button.
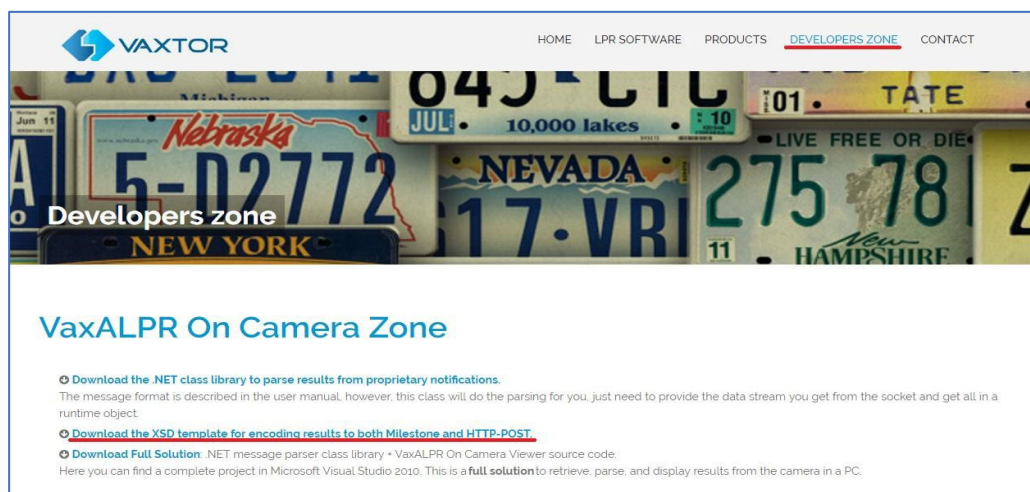

Connecting to Milestone

You can find a copy of the XML Schema file (.xsd) for Milestone Analytic Events at Vaxtor's website in the developer zone: http://www.vaxtor.es/developers-zone/.