



# Milesight Release Note For VMS Enterprise

Firmware Version: 1.7.0.0

Release Date: 20<sup>th</sup> October, 2022

## 1. Overview

Milesight, the best-in-class AIoT surveillance solution provider who manufactures products with superior image quality, exceptional flexibility and reliability for the global market, is pleased to announce the release of the new firmware version 1.7.0.0 of Milesight VMS Enterprise.

In this version, Milesight released a new ANPR back-end algorithm, which makes it possible to use ANPR solution, regardless of whether the front-end camera supports LPR or not.

Besides, there are many other user-friendly features waiting to be explored. For example, add push information in JSON format to meet the needs of customers with different message push formats. In addition, the upgrade of the Thumbnail function in the Playback interface facilitates users to enter finer intervals. To sum up, you will have a different experience with this version.

## 2. Firmware link

Firmware	Download URL
1.7.0.0	Milesight VMS Enterprise -1.7.0.0-win64: <a href="https://drive.google.com/file/d/1wUvCQVvqsNMxh1ps784sfg8gwKgUHp2p/view?usp=sharing">https://drive.google.com/file/d/1wUvCQVvqsNMxh1ps784sfg8gwKgUHp2p/view?usp=sharing</a>
	Milesight VMS Enterprise -1.7.0.0-win32: <a href="https://drive.google.com/file/d/1wUvCQVvqsNMxh1ps784sfg8gwKgUHp2p/view?usp=sharing">https://drive.google.com/file/d/1wUvCQVvqsNMxh1ps784sfg8gwKgUHp2p/view?usp=sharing</a>
	Milesight VMS Enterprise Analytics-1.7.0.0-win64-NVD: <a href="https://drive.google.com/file/d/1uxagNOhMWAP0of5_3xjGDEZNqnikY8V4/view?usp=sharing">https://drive.google.com/file/d/1uxagNOhMWAP0of5_3xjGDEZNqnikY8V4/view?usp=sharing</a>

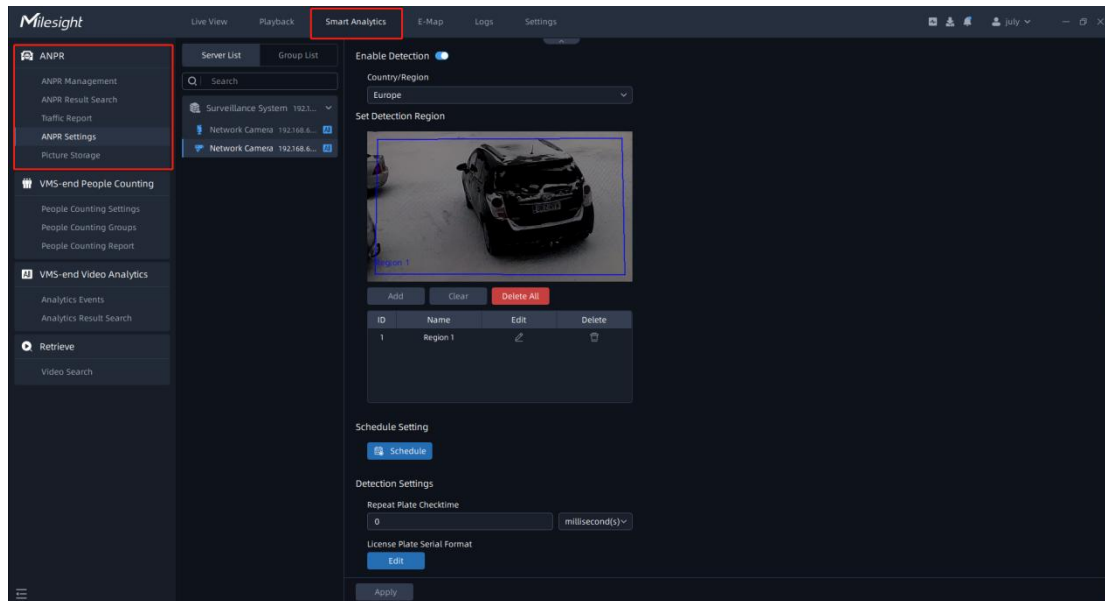
**Note:**

If it fails to download the firmware via clicking the link directly, please copy the link to browser manually.

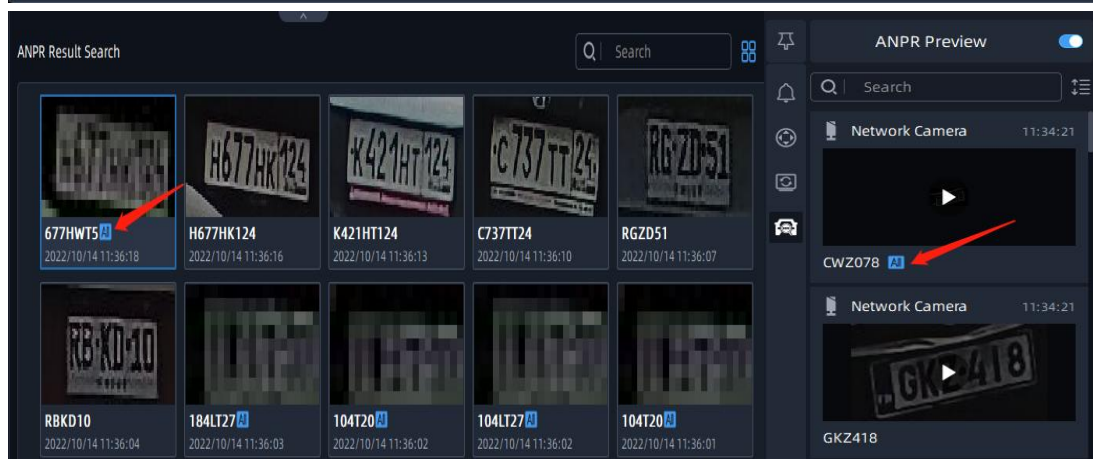
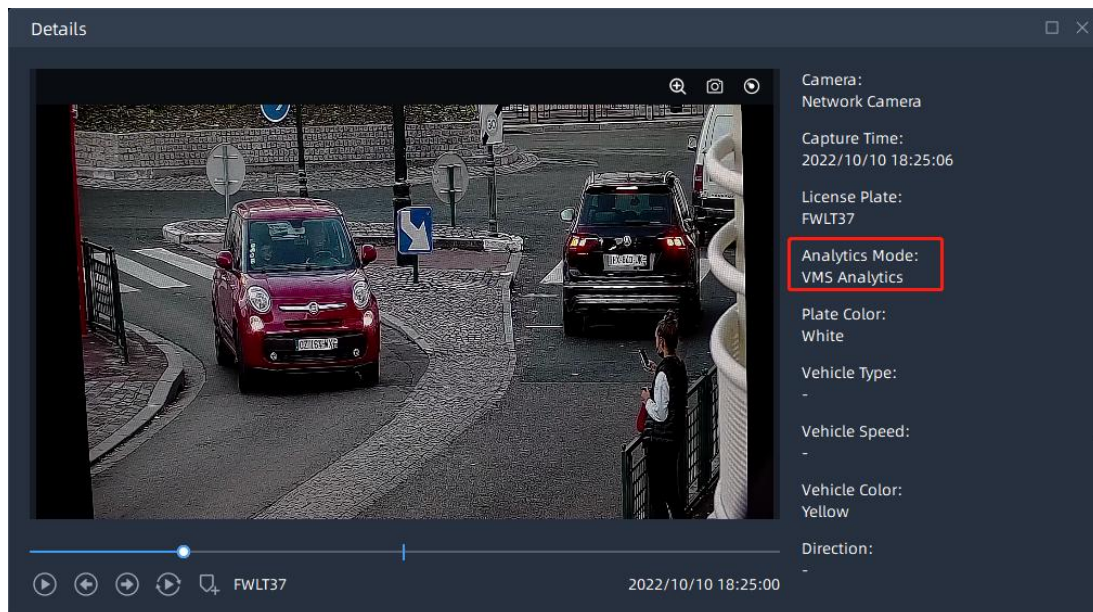
### 3. What's new

#### 3.1 New Features

(1) Support ANPR back-end algorithm, making it possible to use ANPR solutions whether it is an LPR camera or not.



- With the addition of the back-end algorithm, both the ANPR Preview and ANPR Result Search interfaces can receive license plate related information from both the front-end and back-end ANPR algorithms. If it is the latter one, then the AI icon will be added next to the license plate number in the picture, and the Analytics Mode in the Details will be displayed as VMS Analytics, while the opposite is Camera Analytics.



### Note:

The additional license and the Analytics Server are required to use this feature.

No.	Type	License Quantity	Activation Code	Server	Expiry Time	Status	Operation
1	Camera Access	4	Free Trial	Surveillance System 192.16...	2022/08/24 12:00:22	Expired	🔄 🗑️
2	Camera Access	64	1e8b-180c-a7df-e897	Surveillance System 192.16...	2028/08/11 00:00:00	Working	🔄 🗑️
3	Video Wall	64	5630-b543-1bc2-2fda	Surveillance System 192.16...	2026/08/01 00:00:00	Working	🔄 🗑️
4	ANPR	4	b290-b75d-9865-84e6	Surveillance System 192.16...	Never expire	Working	🔄 🗑️
5	--	--	f5e5-1776-dd7d-56ac	Surveillance System 192.16...	--	Wait for Response	🔄 🗑️

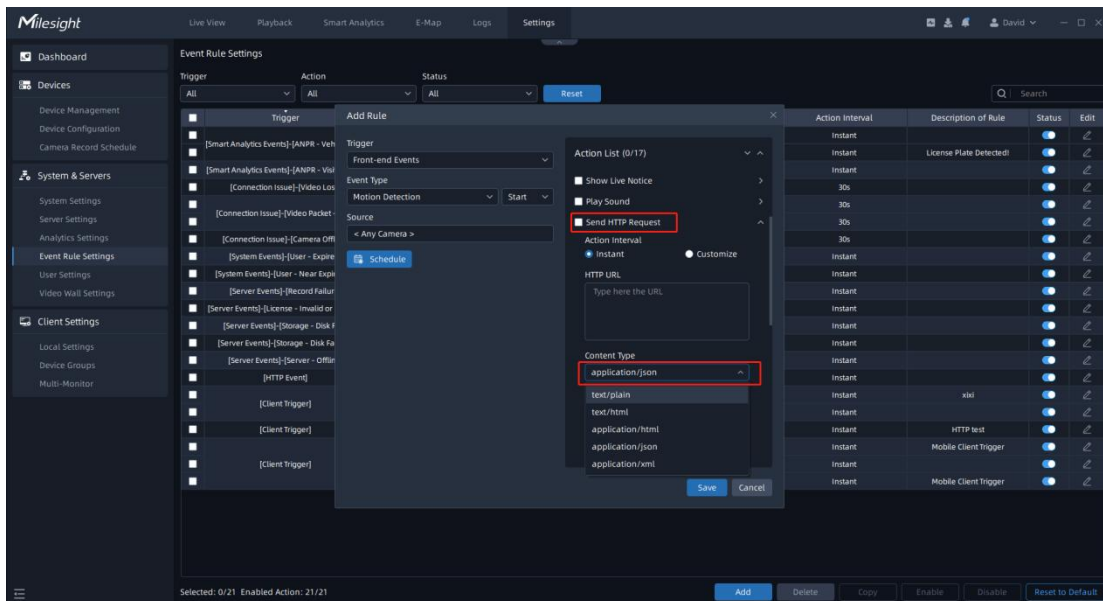
(2) Upgrade the Thumbnail function in the Playback interface to facilitate users to enter finer intervals by clicking the “Investigate” icon. In addition, users can also zoom in and out on the original playback image, then the size of the thumbnails will be changed as well, increasing the visibility of scene changes in the selected area.



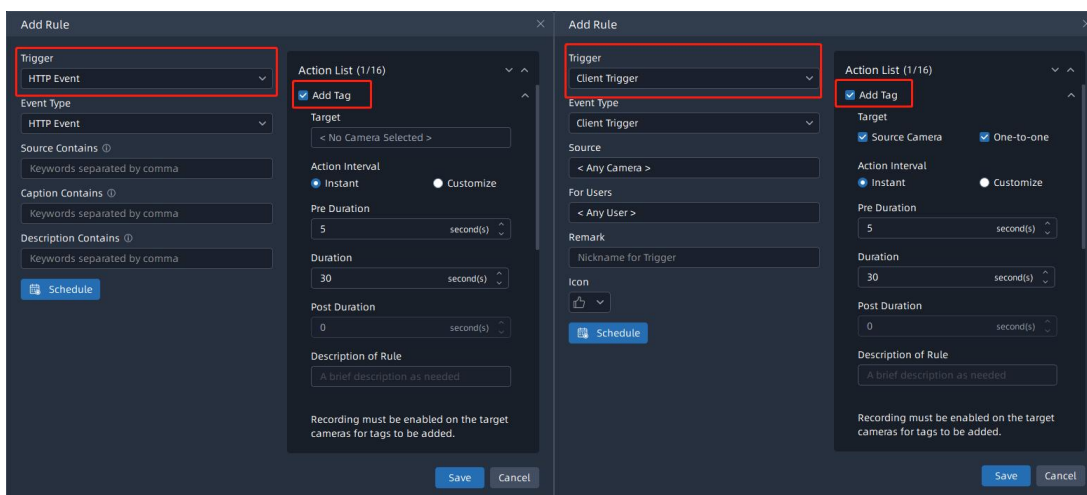
(3) Two-way audio is supported for third-party cameras added via ONVIF, enhancing the user experience and system compatibility.



(4) Add push information in JSON format to meet the needs of customers with different message push formats.



(5) When HTTP Event and Client Trigger are triggered, VMS supports triggering "Add Tag" to the recording. Then users can see the tag on the timeline, which is convenient for the user to view the two triggered events.



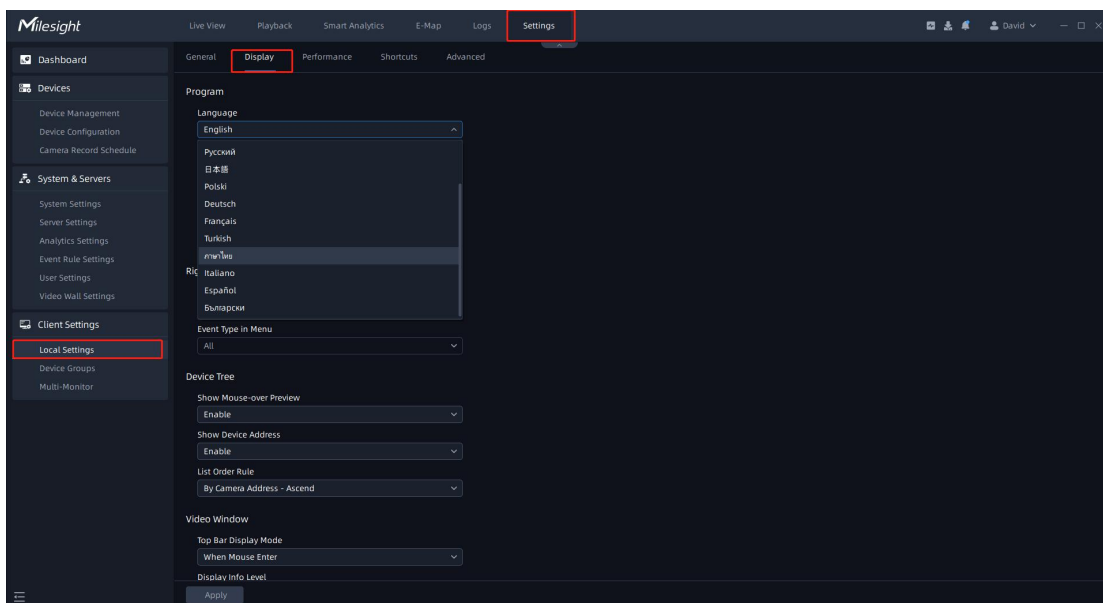


**Note:**

Recording must be enabled on the target cameras for tags to be added.

(6) Optimize system language to make VMS more international.

- Add Spanish and Bulgarian to make VMS more widely used.

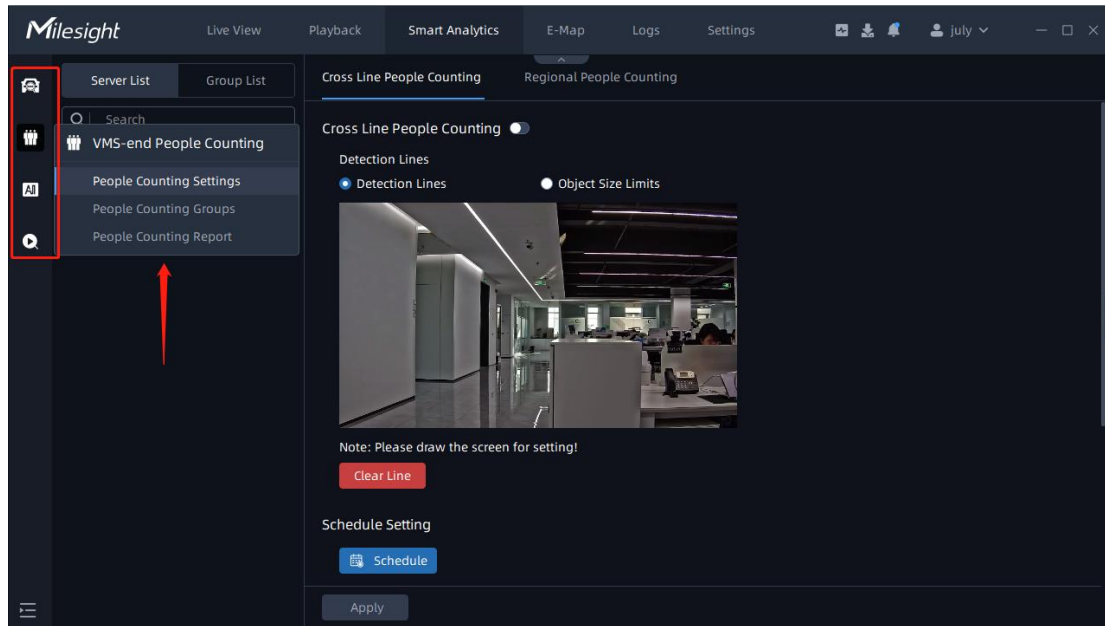


## 3.2 Optimizations

(1) Optimize the Server's recording storage mechanism to improve recording stability.

(2) Optimize the ease of use of the new UI version, making the layout more intuitive and improving the user experience.

- For example, when VMS is not maximized, the taskbar on the left is presented as a simple icon and contents will appear when hovering on the icon.



### 3.3 Bug Fixes

- (1) Fix the bug that Axis camera based on RTSP frequently disconnects due to compatibility abnormality.
- (2) Fix the bug of frame loss and lag caused by the compatibility problem of Intel graphics cards.
- (3) Fix the bug that when the recording file is deleted manually, the overwrite is abnormal and the storage space is occupied.
- (4) Fix the bug that the recording files of Tiandy camera cannot be played back.
- (5) Fix the bug that custom roles can't see the cameras in the device tree.
- (6) Fix the bug that the group information is not retained when exporting license plate in the License Plate Library interface.

**Note:**

Please refer to the **User Manual** on the official website for the detailed functions and configurations.