



MIRASYS 9.9.1.2 RELEASE NOTES

Release date 17 December 2024

Important Notes

1. Mirasys VMS V9 is only available as a 64-bit version.
2. A V9 Master Server (Management Server) can handle 64-bit V8 and V9 servers.
3. The Complete Installer will automatically install the SQL Server Express 2019 or upgrade an earlier SQL installation to 2019 on 64-bit systems.
4. A 32-bit (x86) SQL Server Express 2008 version will not be upgraded to the 64-bit (x64) SQL Server Express 2014. Update SQL manually before updating from an old 32-bit V7 to the latest 64-bit version!

Supported OS

- Windows 10 IOT/Pro
- Windows 11 (V9.4 or later)
- Windows Server 2016
- Windows Server 2019
- Windows Server 2022 (since V9.5.0)

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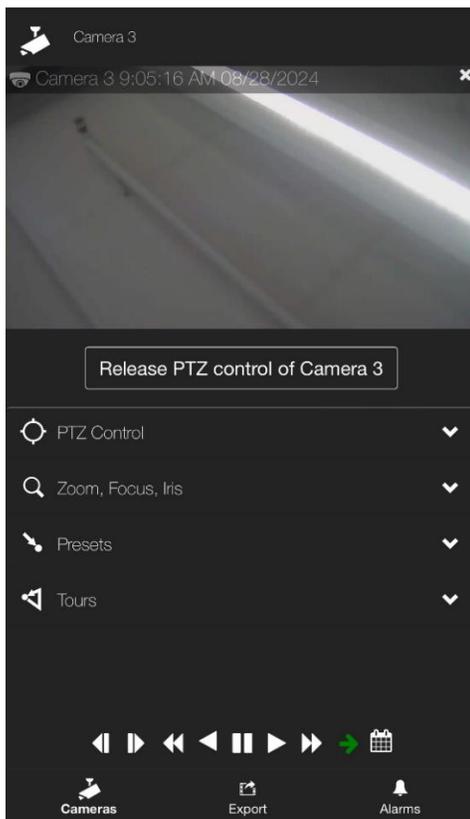


VMS V9.9.1 Enhancements

- Mirasys VMS was tested to work in Windows Server 2025.
- VCA Core update to V2.2.5.
- Spotter profile tree loading was optimized to load large profiles faster.

PTZ Control for Spotter Web Mobile

We have added PTZ (Pan-Tilt-Zoom) control to Spotter Web Mobile, allowing you to control PTZ-enabled cameras directly from the browser-based app. Simply select a PTZ camera to adjust zoom, focus, and iris, and use existing presets or tours for enhanced surveillance management.





VMS V9.9.1 Fixes

Spotter

- Export parameters are passed to the Media Exporter as intended.
- Clip and storyboard export in Spotter works as intended when the exported file name contains trailing spaces.
- Bookmark selection in the Spotter profile tree works by using the space key.
- Disabling the activity data calculation in Spotter settings works as intended for devices and alarms.
- Changes to the identity settings are immediately taken into use in the Smart Recognition plugin.
- The list management data is updated correctly in the List Management plugin when the data is changed in another application.
- Image conversion works as intended when the video stream is changed.
- A list of profiles is visible when the profile is empty.

Media Exporter

- MP4 export with time stamps memory usage is working as intended.
- Media Exporter uses the Mirasys Enterprise theme as intended.

Spotter Web

- The login page uses the correct language after the language change in Spotter Web Mobile.
- Main menu texts are translated to all supported languages in Spotter Web Mobile.
- Logs and audit logs are written to separate log files.
- Spotter Web backend returns the correct response in case of an invalid session.





- Session tokens are refreshed every minute to avoid the session expiring on Spotter Web.
- Spotter Web PTZ control for zoom, iris, and focus works as intended.
- Profile loading works as intended on the first login on Android.
- SpotterWeb installer works without the .Net framework 3.5.

System Manager

- The VMS Server disk state is shown correctly in System Manager storage settings when the disk state is changed on the VMS Server side.
- The VMS server search in the System Manager works as intended.
- Changing the tabs in the VMS server camera settings doesn't change the selected camera channel.
- Changing stream settings for LPR, FR, or OR works as intended.
- When multiple streaming is enabled for the camera, switching between the RTSP Server tab and the camera list tab works as intended.
- Cameras using AI services are managed correctly in System Manager camera settings.
- VMS server search in the System Manager works as intended.

VMS Server

- Watchdog service doesn't restart the VMS service if the VMS service storage disk connection is lost.
- The audio channels are handled correctly when the VMS server has multiple cameras configured with audio channels.
- JPEG streaming from the RTSP server works as intended.
- Alarm Triggering API documentation contains the correct example of removing an alarm trigger.
- Alarm triggering through the API works as intended.





- The output channel returns to the normal state when all assigned alarms are completed.
- Exports contain all the materials from the selected time range.
- The VCA Core service started without errors when the camera was added for the first time after the VMS clean installation.

System

- When an alarm is deleted from a local system, it is automatically removed from all profiles on the main server.
- The VMS installer stops and shows an error in case of a file copy error.
- Client sessions are handled correctly in the main server.
- The AI service settings are synchronized in the system and the AI services after the settings are restored.
- Settings backup including AI service settings can be restored to another PC where the same AI services are installed.
- Camera settings on the VMS server and AI services are synchronized even when the settings are updated separately.
- List Management and Object Data Store services registrations work as intended on the SMServer.

List Management

- The List Management service installer checks if an old version of RabbitMQ has already been installed and requests that it be uninstalled.

Object Data Store

- The Object Data Store service installer checks if an old version of RabbitMQ has already been installed and requests that it be uninstalled.





Gateway SDK

- Compiling Gateway SDK source codes works as intended.
- Gateway SDK documentation is rewritten.

Drivers - ONVIF

- The spamming of the log messages generated by the driver has been reduced.
- Privacy masks do not disappear when the user changes the stream type in the Spotter.





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