



Milesight-Troubleshooting Differences Between VMS Lite and VMS Pro

VMS Version	Pro 2.1.0.20/Lite 2.2.0.33	Update	2015.10.17
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The table below compares the main differences between VMS Lite and VMS Pro.

Table 1 Differences between VMS Lite and VMS Pro

Items	VMS Lite	VMS Pro
Architecture	<ul style="list-style-type: none"> ➤ Client and Server with one installation 	<ul style="list-style-type: none"> ➤ With Client/Server structure
Live View	<ul style="list-style-type: none"> ➤ Only support up to 64 cameras 	<ul style="list-style-type: none"> ➤ Support multiple servers; 36 (x86 system) or 256 (x64 system) cameras for one server, therefore, can support unlimited cameras
Playback	<ul style="list-style-type: none"> ➤ Only one playback 	<ul style="list-style-type: none"> ➤ 4-CH Synchronized playback and up to 16-CH Asynchronous playback ➤ recording files can be exported and imported
Without Register	<ul style="list-style-type: none"> ➤ Only have a watermark of Milesight 	<ul style="list-style-type: none"> ➤ watermarks and only 4-cameras viewing
Map	<ul style="list-style-type: none"> ➤ Only support E-map 	<ul style="list-style-type: none"> ➤ Support hots on E-map
Others	<ul style="list-style-type: none"> ➤ Only record on local PC ➤ Support the motion detection on the VMS; motion detection can not be triggered from the IP Camera 	<ul style="list-style-type: none"> ➤ SMTP and DDNS ➤ Customized User Access Levels ➤ Local storage or network storage ➤ Motion-detection from IP Camera or VMS Pro, or both ➤ External Alarm Input from IP Camera ➤ Support multiple monitors

1. Architecture

Client and Server with one installation in VMS Lite; while Client/Server architecture in VMS Pro.

2. Live View

- 1) Unregistered: there is a watermark of “Milesight” on the live view screen of VMS Lite, but VMS Pro has watermarks on the live view screen and does not support to watch more than 4-ch cameras either;

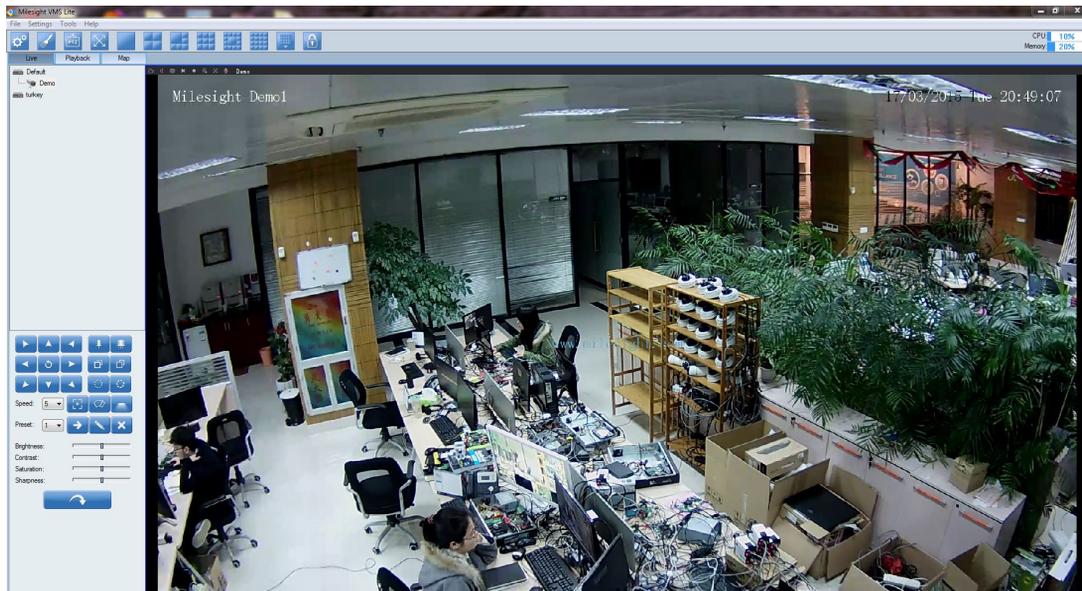


Figure 1 Unregistered Status of VMS Lite

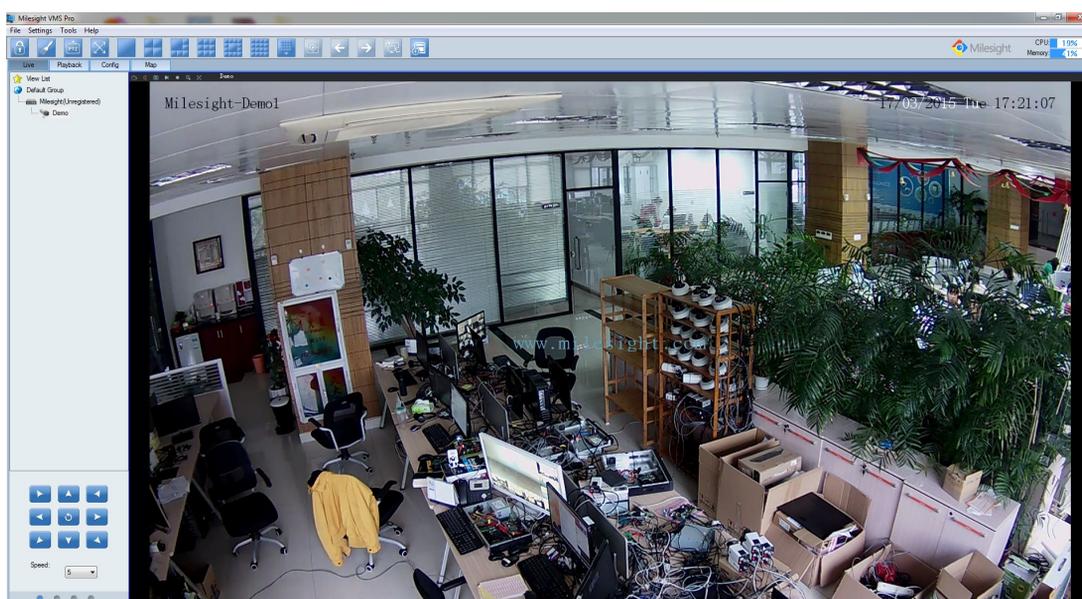




Figure 2 Unregistered Status of VMS Pro

- 2) VMS Pro adopts multilevel hierarchy system for a better surveillance experience by means of C/S structure. There is 36 (x86 system) or 256 (x64 system) for a server and unlimited VMS Pro server for a VMS Pro client; while VMS Lite only supports up to 64 cameras;

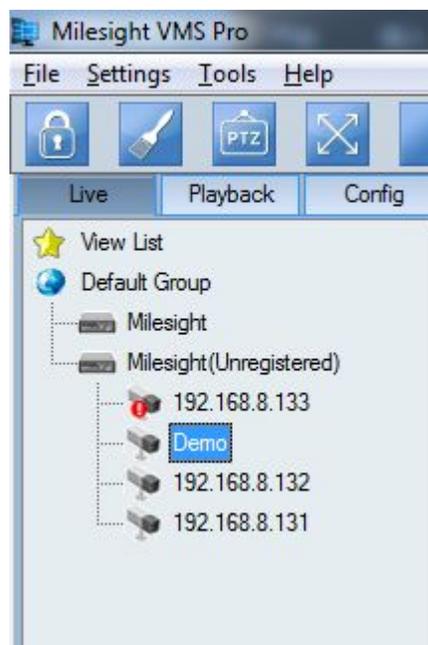


Figure 3 C/S Structure

- 3) VMS Pro supports saving any camera's video you like into View List, so you can quickly watch the cameras you have saved next time.

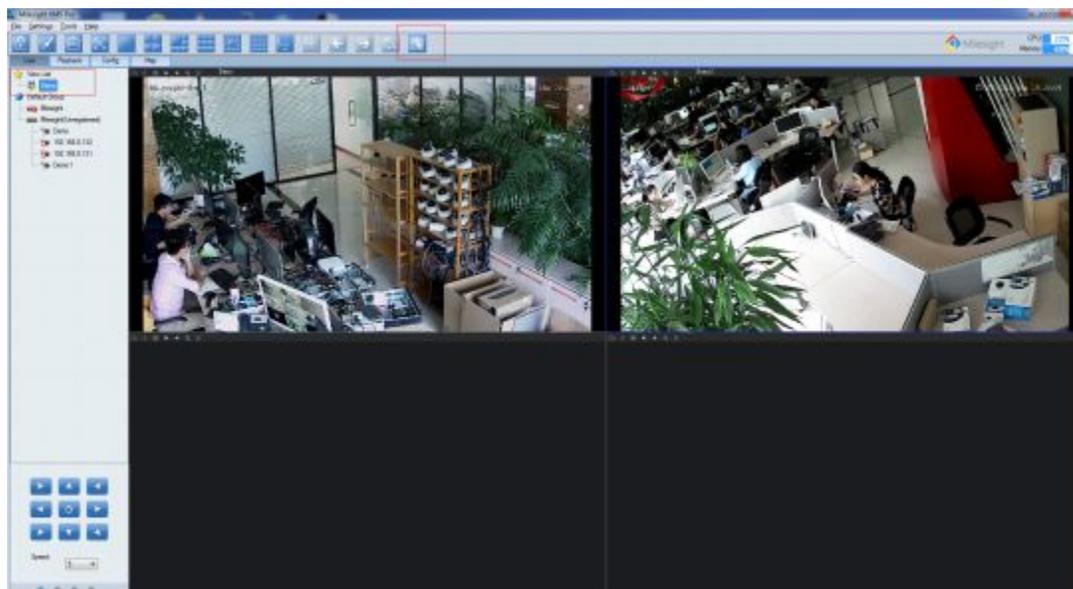


Figure 4 View List in VMS Pro

3. Playback

- 1) VMS Lite only supports one-camera playback at a time, while VMS Pro can support 4 cameras synchronized playback and up to 16 cameras asynchronous playback; when you choose synchronized playback mode, the cameras share one toolbar; and when you choose asynchronous playback mode, you can only operate the cameras separately;

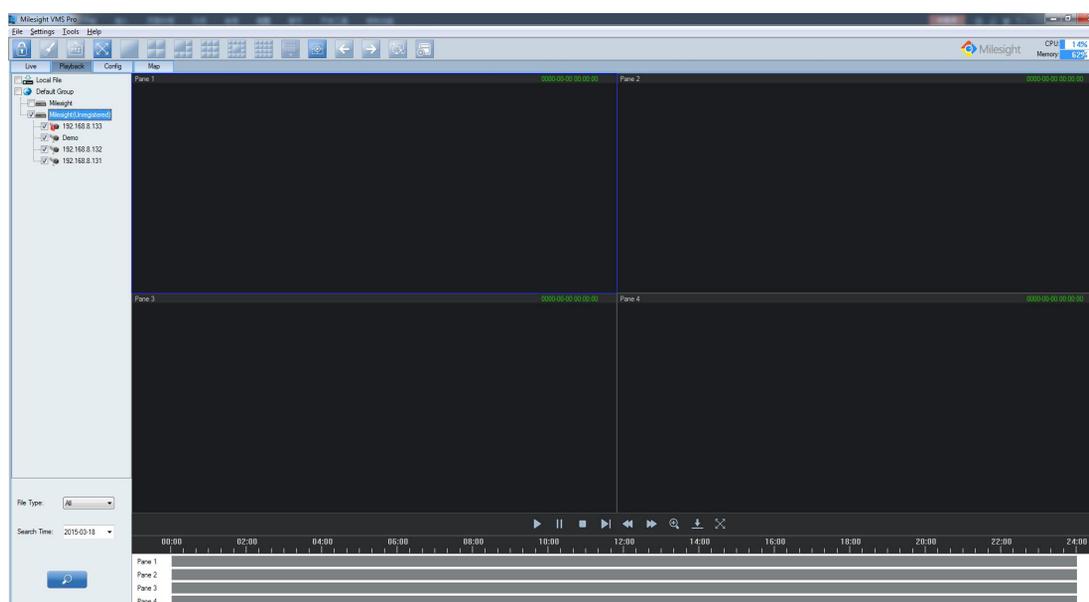


Figure 5 Synchronized Playback in VMS Pro

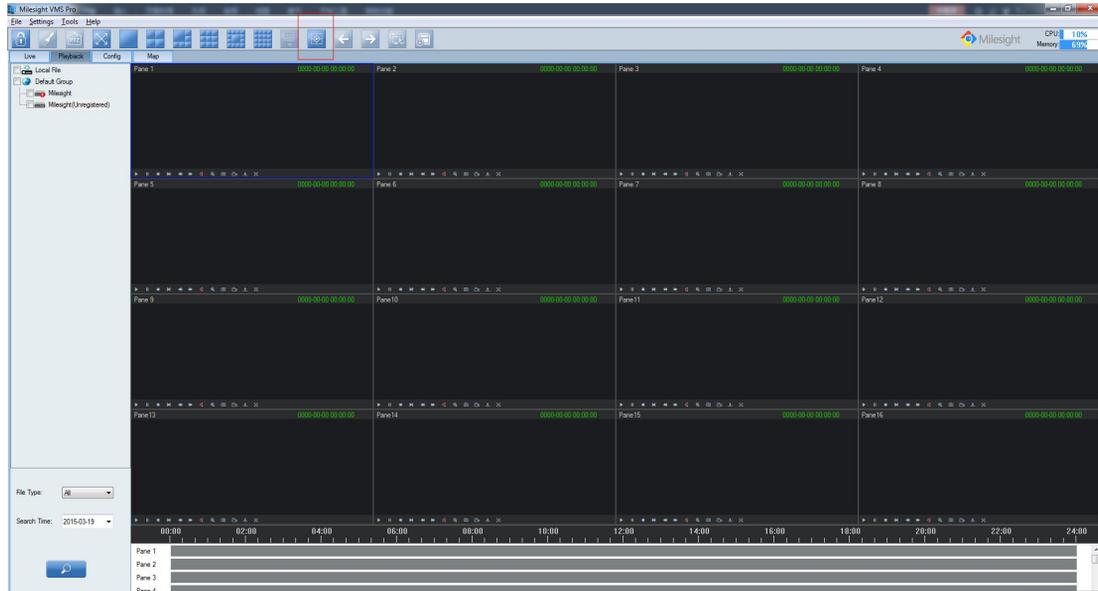


Figure 6 Asynchronous Playback in VMS Pro

- 2) VMS Pro supports exporting files from servers and importing files, which were exported from servers to PC before.

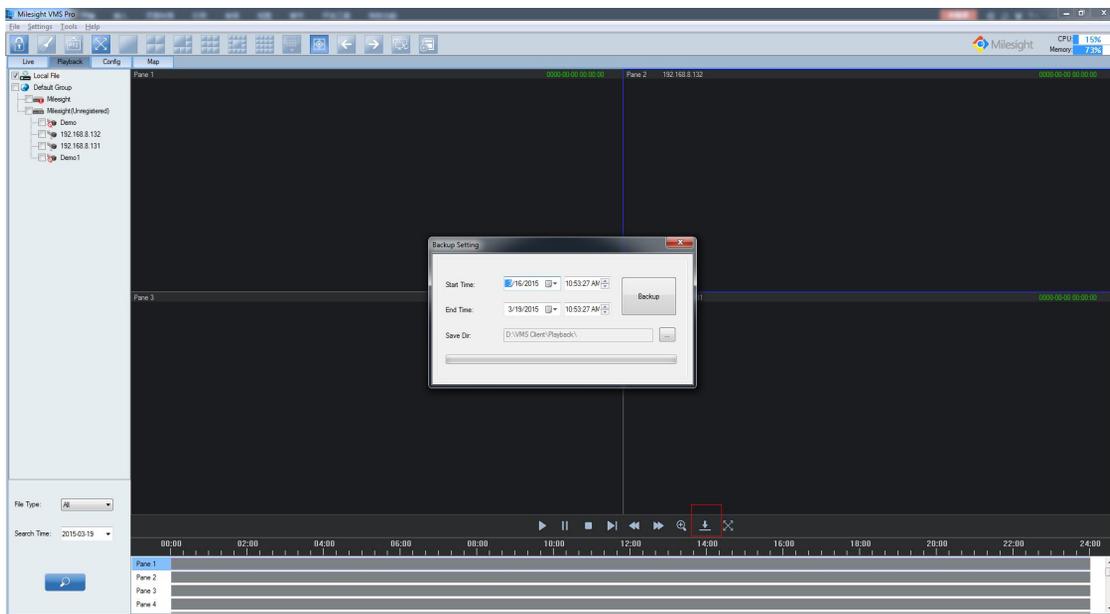


Figure 7 Export Files from Server to PC

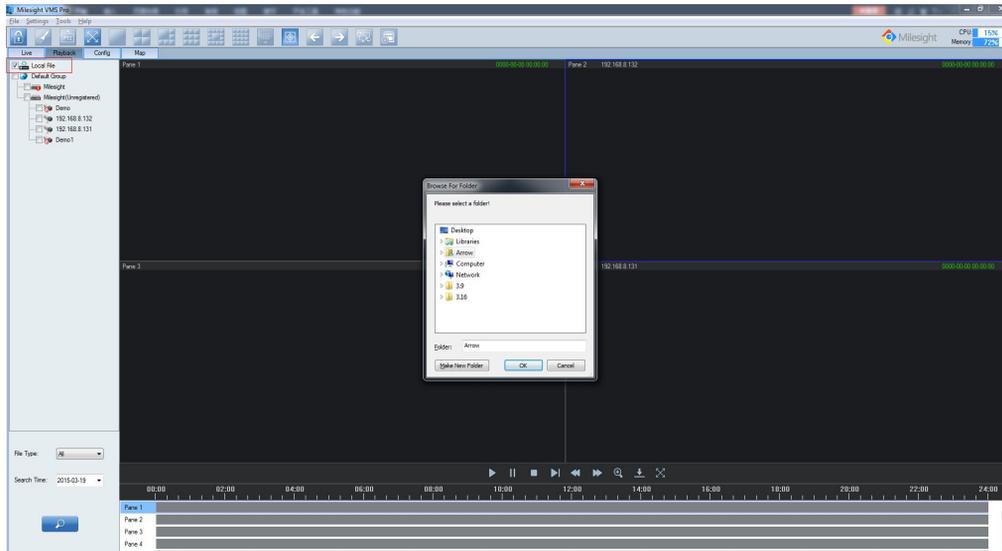


Figure 8 Import Files from PC

4. Map

- 1) VMS Pro adopts multilevel hierarchy system for Map function. You can add E-maps for every server and add Hots on E-map, then double click Hots to review each camera.



Figure 9 Live View from Hots

5. Others

- 1) SMTP and DDNS are available in VMS Pro while unavailable in VMS Lite;

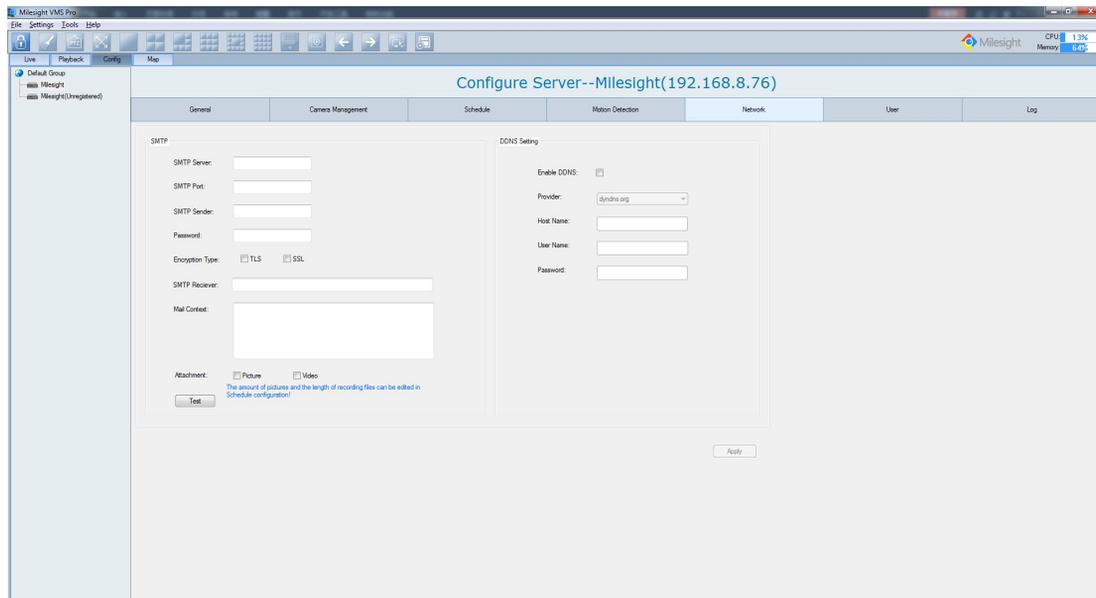


Figure 10 Network Module in VMS Pro

- 2) VMS Lite only supports the motion detection based on VMS Lite settings, while for VMS Pro, motion alarm can be triggered by both IPC settings and VMS Pro software settings. Moreover, VMS Pro can receive other alarm signal from IP camera.

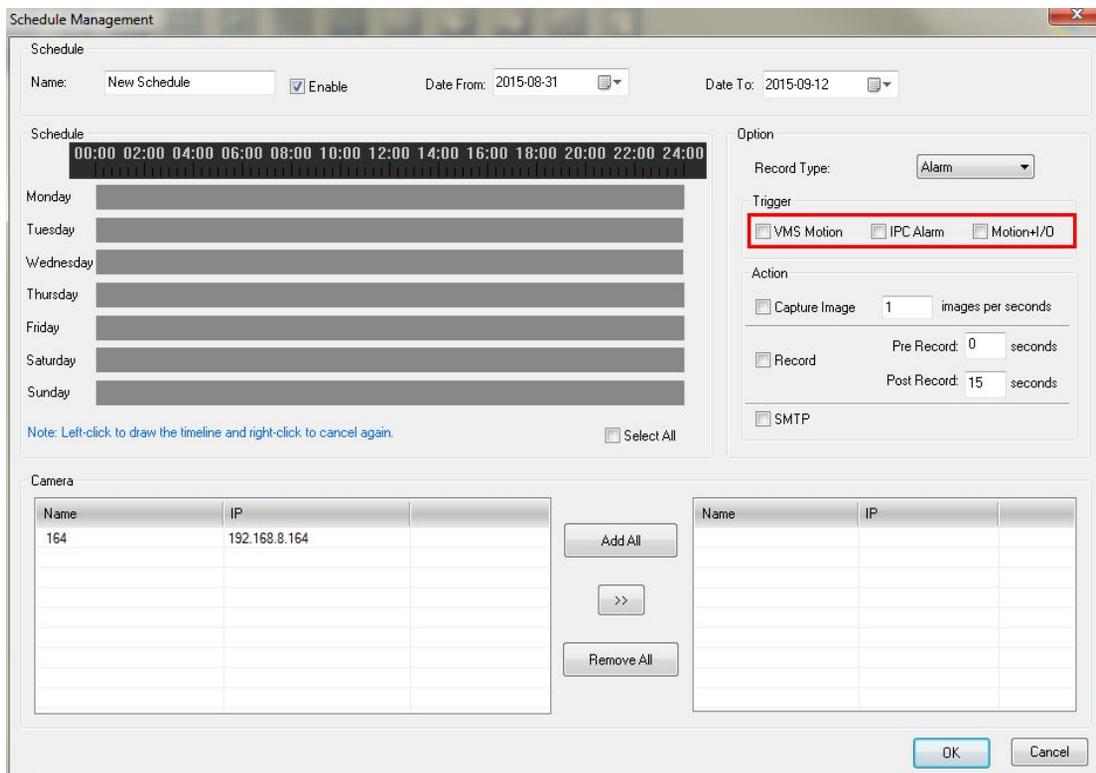


Figure 11 Schedule Windows in VMS Pro