Desktop MJPEG screen capture support using VLC version 2.0.1

It is possible to do a screen capture of the Windows desktop and add it to AXIS Camera Station.

- Install VLC 2.0.1 to stream a computer desktop. http://www.videolan.org/vlc/releases/2.0.1.html
 Due to a bug in VLC this version must be used.
- 2. Open the **Command Prompt** and use following command to start a screen capture on port 8088:

"C:\Program Files (x86)\VideoLAN\VLC\vlc.exe" -I --dummy-quiet screen:// --screen-fps=3
:sout=#transcode{vcodec=MJPG,venc=ffmpeg{qmin=0,qmax=10},vb=800,width=1920,height=1200,
acodec=none}:http{mux=mpjpeg,dst=:8088} :sout-keep

- 3. A silent instance of VLC will capture the main desktop screen of the computer.
- 4. Close the Command Prompt.

1 Task Manager		-		×
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Processes Performance Apphistory Startup Users Details Services				
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Background processes (117)				
> 🚺 64-bit Synaptics Pointing Enhance Service	0%	0,4 MB	0 MB/s	
> Adobe Acrobat Update Service (32 bit)	0%	0,5 MB	0 MB/s	
Application Frame Host	0%	5,7 MB	0 MB/s	
E AppVStreamingUX.exe	0%	1,7 MB	0 MB/s	
> 💽 AXIS Camera Management Service	0%	105,2 MB	0,1 MB/s	
> T AXIS Camera Station Service	0,4%	481,6 MB	0,5 MB/s	
- AND Client Service	0%	0,5 MB	W Torowy	-
🚖 VLC media player 2.0.1 (32 bit)	5,8%	25,9 MB	0 MB/s	
WMI Performance Reverse Adapter	0%	1,3 MB	0.140	۲
WMI Provider Host	0%	3,4 MB	0 MB/s	
i WMI Provider Host	0%	1,3 MB	0 MB/s	
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5. In AXIS Camera Station -> Add devices -> Find by IP

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Type to search X	Add dovices						
🐐 Devices 🔨 ^	Add devices						
Add devices	Select the devices in your network that you Cameras or Other devices. To multiselect de	want to add to the server. You can find the added d evices, use the CTRL or Shift keys.	evices under either	Type to search X			
Cameras	Name	Address MAC a	ddress Status Manu	facturer Model			
Other devices	AXIS M1054	172.25.199.44 004086	CD1E6E2 Enter password Axis	AXIS M1054			
Streaming profiles	AXIS M1065-LW	Find by IP ×	38242 Axis	AXIS M1065-LW			
Image configuration	AXIS M1103	Address: http://localhost:8088	591E0 Axis	AXIS M1103			
PTZ presets Management	AXIS M1103 (2)	Help OK Cancel	591E1 Axis	AXIS M1103			
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🖆 Client 🗸 🗸	AXIS M1104 (2)	172.25.193.111 004084	CA6927F Axis	AXIS M1104			
≣ Server ✓	1 selected, 1 with OK status			Find by IP Refresh Add (1)			
Connected to LAPMADENE Alarms and Tasks 🔛							

- Examples:
 - For local machine enter <u>http://localhost:8088</u> in Find by IP.
 - For remote machine enter <u>http://computer-address:8088</u>
 Note: It is important to open the firewall for the streaming port (8088) in the example above to support streaming between computers i.e. remote machine.



In AXIS Camera Station, it is possible to enable recording for the stream as any other camera.



It is possible to use credentials

Add following with correct credentials to the VLC command: "--sout-http-user=root --sout-http-pwd=pass1"

Possible to adjust Uri path

It is possible to adjust the Uri path e.g. changing "dst=:8088" to e.g. "dst=:8088/path", specified in AXIS Camera Station using e.g. "http://localhost:8088/path".