HTML5 Video Streaming with Niagara 4.9

August 13, 2020

Q&A

1. ### Can we see recordings of past date in Software?

   Yes, you can if you are integrating with Milestone or Maxpro NVR and the camera of interest has been recorded.

2. ### Apart from Axis, are there other cameras that can be integrated?

   We only integrate directly with Axis cameras, but you can bring almost any type of camera into Milestone or Maxpro and stream the video to Niagara.

3. ### Any possibility for a wisenet wave driver in the future?

   Tridium does not have this on its roadmap. Our community of developers can use our Video Framework to build drivers to Wisenet or other cameras and systems.

4. ### When will the MaxPro driver will be JAVA free?

   Tridium is currently working with Honeywell to develop a Maxpro driver that has html5 presentation. At this time, we can't commit to a scheduled release because work is in progress on the Maxpro API.

5. ### What are the part codes to integrate CCTV system with BMS Software?

   The Tridium driver part numbers are listed on the Video Drivers datasheet and the Enterprise Security Application datasheet that can be found on our website. www.tridium.com. Niagara integration drivers are sold through Tridium partners. You can find a list of Niagara resellers on our website. https://www.tridium.com/en/partner-channels/purchase-niagara/tridium-oems

6. ### Can access control also be integrated from Milestone?

   Milestone does have an access control interface, but Tridium has not done this integration. Milestone also has a BACnet interface that can be used with Niagara systems.

7. ### How many cameras can be connected with Software? Does this support any make camera? Are there any specific requirement while integrating?

   Rule of thumb is that 64 video streams can be simultaneously viewed from a supervisor connection. The number of cameras that can be integrated via the video drivers is unlimited in the Niagara Supervisor.

8. ### A lot of camera systems in Europe integrate with Synology, which acts as a cross vendor NVR and is very popular in smaller system. It's powerful but inexpensive. Are there any plans to integrate with this system? I believe it is also very popular in the US.

   Tridium does not have this integration on the product roadmap at this time.

9. **Can you pull video from an IP camera that is already setup and reporting to a DVR that is not Milestone?**

   Yes, if the camera is an Axis camera and supports multiple video streams.

10. **Did the central feature in Milestone go away in the latest version/release of Milestone?**

    The Central feature is not included with the newer Xprotect versions. (Professional+, Expert and Corporate)

11. **Can Milestone be integrated with any other brands?**

    Milestone NVR can integrate with most common IP cameras. Please visit the Milestone web site for a complete list of compatible cameras.

12. **Is a separate part number needed for implementing Security in Niagara? Can it be combined with a JACE used for BMS integration?**

    Tridium offers license parts that can be added to Supervisors or JACEs. You can combine Access Control and BMS on a JACE. This type of combined system is recommended for smaller installations with less than 60 BMS devices.

13. **Data overlay: Do objects reposition themselves on PTZ videos?**

    No, the graphic objects do not follow the PTZ.

14. **How is the licensing for the Video Cameras?**

    Video driver licenses are scaled by the number of cameras connected.

15. **Is surveillance Driver a default driver in Niagara?**

    No, it is not an option.

16. **Are there any additional licensing associated with the Video features?**

    Yes, please review the license options on the Video Drivers datasheet on the Tridium web site.

17. **Are any driver updates required that depend upon different models?**

    Tridium validates video drivers with the latest vendor released software just prior to our software releases. You may need to update the firmware or software in your video devices to use the latest Niagara video drivers.

18. **Can we connect direct Network cameras to Niagara instead of Milestone as a middleware?**

    Only Axis cameras are supported for direct connection.

19. How can we integrate BMS, CCTV & ACS?

Niagara normalizes all data whether it originates from Access Control, BMS, or video systems. For example, video motion detection becomes a Niagara point that can be used in logic or for notification purposes. Likewise, access control information, such as the last person to access a door, can be used to turn on lights and modify BMS settings and sequences.

20. How is the Licensing done? Are there limits per licenses?

Licenses for video integration are scaled by connected cameras. There is no limit for the number of connected cameras for a supervisor.

21. Could you touch on the "Dual Stream" conversation with Milestone? Does it need to be enabled because Niagara will use both streams?

The reason I used dual stream in the demo is because the connected camera only supported a single video stream which was dedicated for recording.

22. Can we still install video driver on a BAS application without the SEC-license?

Yes.

23. Is it possible to buy the video driver directly or do I need to buy the security license also?

The video driver can be added to any Niagara system with or without a security license.

24. Is there is any plan to Integrate ONVIF compliance Cameras?

This functionality is on Tridium's product roadmap, but resources have not been allocated to development at this time.

25. What is the roadmap for the full Maxpro driver?

The driver was released with Niagara 4.6, and has been included with system builds since Niagara 4.8. The current driver still has java dependencies due to limitations in the NVR API.