AlarmWorX64 Multimedia
Using the Video Agent

APPLICATION NOTE

September 2013

Description: Guide to using the AlarmWorX64 Multimedia Video Agent
OS Requirement: Vista x64/ Windows 7 x64/ Windows 8 x64/ Windows Server 2008 x64/ Windows Server 2008 R2 x64/ Windows Server 2012
General Requirement: AlarmWorX64 Multimedia and Video Capturing device.

Introduction:

One of the agents available in AlarmWorX64 Multimedia is the Video Agent. The Video Agent is similar to the Popup Agent in that it launches popup window (.htm format), but in addition, it can also include previously saved Video and Picture. On top of this, it can actually take a snapshot, or a short video when the agent is triggered, which can then be integrated with the popup window.

Configuring the Video Agent:

The Video Agent will only work if a Video Capturing Device (e.g. Web Camera) is installed on the computer where you are trying to run the agent. General Setup of the Video Agent can be achieved by performing the following steps. Before you begin, you should make sure that UAC is turned off on your computer.

1. Opening the AlarmWorX64 Multimedia Configurator Provider in Workbench64 by going to Start → Programs → ICONICS → AlarmWorX64 Multimedia → AlarmWorX64 Multimedia
2. Go to Configurations → Multimedia Agents → Video.
3. Double click on Video to open it and click on "General Settings..."

   NOTE: You may receive an error stating "Failed to find any installed video capture drivers. This program will shutdown" if the video capturing device and its drivers are not properly installed.

4. You will see the **Snapshot Configuration** dialog shown in Figure 1 where you can adjust the Display, Compression, Format, Source, Video Driver, and Jpeg Settings.

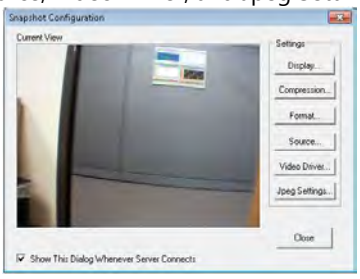

Figure 1 - Video Agent Snapshot Configuration Settings

These settings can vary depending on the type of Video Capturing Device installed, but more information on each of these can be found in the AlarmWorX64 Multimedia Help documentation.

Video Agent Template:

1. Right-click on the "Media Templates" folder under Configurations and select Add Media Template
2. Select the "Video" radio option and then click the ellipse "..." button on the right. You should see the **Template Definition Wizard**.

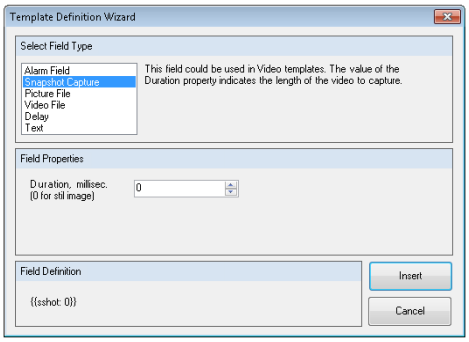

Figure 2 - Video Template Definition Wizard

5. Select the "Snapshot Capture" Field Type and enter a value of 0 for a snapshot (still image) or a value greater than 0 to record a small video (in milliseconds) under Duration.
6. Click on the "Insert" button to apply the changes to your new template.
7. Create a new "Video Agent" and assign it this newly created template.
8. At this time, you can assign this Video Agent to an Action Set, or use the "TEST" button to see what the result will look like.

Figure 3 - Example Video Agent

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