DS DATAPOINT – ACTIVE ALERT DRIVER INSTALLATION

May 23, 2011

Active Alert

Active Alert is a DS DataPoint device that allows you to perform video analytics. When certain Active Alert alarms occur, you can configure DS DataPoint to either send an email, display text over video, or record video.

NOTE: This document describes how to integrate Active Alert with DS ControlPoint via DS DataPoint. For information about how to configure Active Alert video analytics, see the Active Alert manufacturer's documentation. This should be complete before configuring Active Alert in DS DataPoint. By default, the following items exist in DS DataPoint:

- **Rule—**Record All Active Alert Items
- **Filter—**Default Active Alert Alarmed Filter
- **Action Types—**Send Email, Event Details on Video, and Record Video

These items allow you to perform any of the actions whenever a specific Active Alert event occurs. You can modify these items or add more rules, filters, and actions.

To create a Send Email action, complete the following steps:

1. Right-click Send Email in the tree and select Add New Action. This opens the Create a New Action Configuration window.

2. Enter a name that describes the action.

3. Enter the SMTP Server that the email can be sent from. Select whether the server uses SMTP Authentication; if so, also enter a username and password.

4. Enter the email address that the email message will appear to be sent from.

5. Click Add and then enter the email addresses that should receive emails when the rules and filters are met.

6. Enter the text that will appear in the email subject line.

7. Enter the message body that will appear in the email.

8. Select a maximum frequency of emails that can be sent.

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9. Click Finish.

To create an Event Details on Video action, complete the following steps:

1. Right-click Event Details on Video in the tree and select Add New Action. This opens the Create a New Action Configuration window.

2. Enter a name that describes the action.

3. To determine the camera(s) to display the text on, select one of the following options:

- Use Camera Information From the Event—the cameras involved with the event
- Field Name to Select Camera From—select the recorder address and port (18772)
- Select Camera from List—one or more selectable cameras

4. In the Event Text box, type the text to be displayed on the selected camera(s).

5. Select the number of seconds that the text will be displayed.

6. Click Finish.

To create a Record Video action, complete the following steps:

1. Right-click Record Video in the tree and select Add New Action. This opens the Create a New Action Configuration window.

2. Enter a name that describes the action.

3. To select the camera(s) to record, select one of the following options:

- Use Camera Information From the Event—the cameras involved with the event
- Field Name to Select Camera From—select the recorder address and port (18772)
- Select Camera from List—one or more selectable cameras

4. Select an alarm action from the Record As Alarmed drop-down list.

5. Click Finish.

6. To modify an existing action, right-click the action in the tree and select Edit Action Settings.

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To create a filter, complete the following steps:

1. Right-click the Filters item in the tree and select Add New Filter. This opens the Configure a Filter window.

2. Enter a name to describe the Filter.

3. Select whether this is a Counting filter and/or a filter based on a rule.

4. Enter the Active Alert parameters as configured in the Active Alert configuration (see the Active Alert manufacturer's documentation for details).

5. Click Save to complete the filter.

To create a rule, complete the following steps:

1. Right-click the Rules item in the tree and select Add Rule. This opens a new window.

2. Select an Active Alert system and click Next.

3. Select a filter and click Use the Filter I Selected in the List. Or, click I Want to Create a New Filter to create a filter.

4. Select the Action Type you want to trigger and click Next.

5. If an action has been created for the Action Type, you can select it from the list and click Use the Existing Configuration I Selected. Otherwise, you must create an action based on the Action Type (see the previous sections of this document).

6. Enter a name that describes the rule and click Finish.

7. To edit an existing rule, right-click the rule in the tree and select Edit Rule Settings.

To create an on-screen count, complete the following steps:

1. Right-click the On-Screen Counts item in the tree and select Add New On-Screen Count. This opens a window that lists all filters created as a counting filter. If a counting filter doesn't exist, create one as describe previously.

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2. Select a filter and click Use the Filter I Selected in the List.

3. Enter the display text (optional).

4. Select a counter number from the drop-down list.

5. Enter the Digital SENTRY system host name, username, password, and port (18772).

6. Click Select Camera button, select a camera name to display the counter on, and click OK.

7. If you want the counter to reset periodically, select the Automatic Reset checkbox, select a reset time, and select a reset interval.

8. Click Save.

NOTE: New On-Screen Counts cannot be viewed in DS ControlPoint until you disconnect and reconnect to the system running the counter.

To display Active Alert text and ellipses on a video window, complete the following steps:

1. Run Integral OSD Editor from Start, Programs, Integral, and then selecting OSD Configuration.

2. Log in to the computer running the DS DataPoint Host software.

3. Select a camera from the Cameras menu.

4. To display video from the camera, select the Show Video checkbox.

5. The Items tab allows you to select the text that you want to display, including Active Alert ellipses and counters. When you select a text item, it appears in the video window, and you can click the item and drag it to any location in the window.

6. The Font tab allows you to change the font of the text. Select the text item in the video window, enter a Font Size, and choose a font from the drop-down list.

7. The Color tab allows you to change the color of the text, its shadow, and its background. Select the text item, click the pen icon, choose a color from the wheel, and move the sliders to adjust the intensity of the color.

8. To save these settings for the selected camera, click Save. To save these settings for all cameras,

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click Apply to All.

NOTE: The configuration in Integral OSD Editor does not automatically display text and ellipses. To view text and ellipses, cameras must be configured in Active Alert for ellipses to appear, counters must be created in DS DataPoint Configuration, and rules must be created in DS DataPoint Configuration to create

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