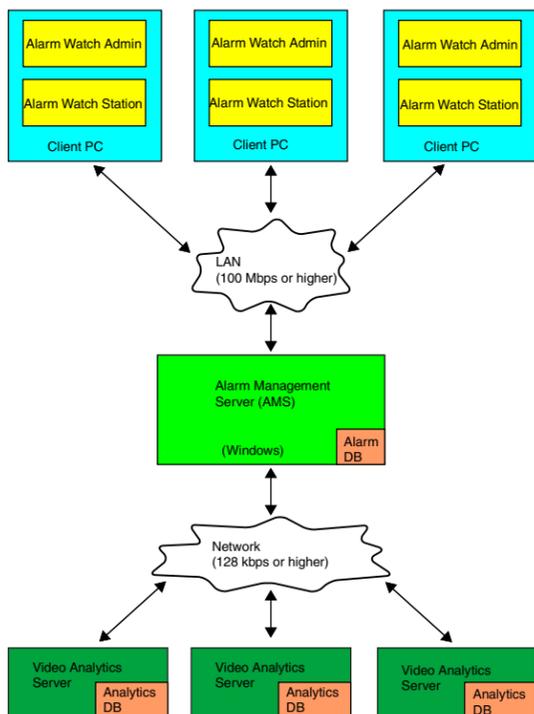


## Video Analytics V4

# Alarm Management Quick Reference

Alarm Management Component	Description
<b>Alarm Management Server (AMS)</b>	Service that receives analytics alarms from connected HVA servers, stores the incoming alarms into a local database, and sends the alarms to all connected Alarm Watch Stations.
<b>Alarm Watch Admin (AWA)</b>	Client application used to configure the AMS including adding, modifying, removing: HVA servers, alarm acknowledgement states, alarm suspension rules, holiday/exception date lists for alarm suspension, schedules for alarm suspension, AMS users and their privileges, and modifying system level configuration.
<b>Alarm Watch Station (AWS)</b>	Client application used to view and manage all the alarms from the HVA servers that the AMS is connected to. For more information, refer to the <i>Video Analytics V4 Reference Guide</i> .



## Alarm Watch Admin

**Note** The user must be assigned administrator permission to use Alarm Watch Admin. The default administrator created during installation of AMS has **admin** permission.

1. Start Alarm Watch Admin (**Start > All Programs > Honeywell Video Analytics > ActiveEye Alarm Admin**).
2. When prompted to log on (on first use), enter the hostname or IP address of the AMS on your network. Click **OK**.

**Note** Only one AWA application can connect to a single AMS at a time.

## Configure Servers

**Add** = Add an HVA server to the Analytics server list.  
**Edit** = Modify the properties of an HVA server.  
**Delete** = Remove an HVA server from the Analytics server list.

**Display name:** User-friendly server name  
**Hostname/IP address:** PC name or IP address of HVA server  
**Port:** TCP port of HVA server host PC  
**Username:** Specific to Alarm Watch. Requires Live View and Search permissions on HVA server (see *Configure Users*).  
**Password:** Password for this user

1. On the **Analytics Servers** tab, click **Add**, then follow the illustration above to configure each connected server.
2. Click **OK**. AMS attempts to connect to the server. On a successful connection, the new server is added to the Analytics server list.

To restore a deleted server, select **Show deleted servers** on the bottom of the page, then click **Restore**. The server must be running for the restore to succeed.

## Manage Alarm Acknowledgement States

On the Acknowledgement States tab, you can view, add, modify, or disable alarm acknowledgement states. Alarm acknowledgement states are user-defined text that can be associated with an acknowledged alarm (for example, **break-in** [for an event], **minor** [for an offence], **false** [for a nuisance alarm]). The figure below shows a typical configuration.

1. On the Acknowledgement States tab, click **Add**, then type a text string into the **Alarm Acknowledgement State** field.
2. **Enable** the item so that AMS users can assign this state to selected alarms (see *Acknowledge Alarms*).
3. Click **OK**. This acknowledgement state is now available to Alarm Watch stations that connect to the same AMS.

## Manage Alarm Suspension Rules

On the **Alarm Suspension Rules** tab, you can suppress reporting of alarms from selected cameras at specified times.

**Note** If the AMS does not support alarm suspension, the alarm Suspension Rules, Holidays/Exceptions, and Schedules tabs have all content hidden.

Each rule is independent of the others and any rule settings such as dates, selected cameras, and scheduling may overlap other rules. An incoming alarm is suspended (not displayed in AWS) if one or more enabled rules apply to that camera at the time of the alarm.

1. To start the Add/Edit Suspension Rule wizard, click **Add** on the **Alarm Suspension Rules** tab. The wizard leads you through enabling a new rule, selecting a time or schedule for the rule, and selecting the cameras to which the rule applies.
2. Click **OK** to add the new rule to AMS.

Expired and disabled rules are grayed out on the Alarm Suspension Rules tab. You can re-enable expired rules by editing the rule, modifying the Time Specifier, and then clicking **Refresh**.

## Manage Holiday and Exception Date Lists

On the **Holidays/Exceptions** tab you can view, add, edit, and delete named holiday and exception date lists.

**Add** = Define a new holiday/exception list from scratch.  
**Clone** = Make a new list from an existing list.  
**Edit** = Modify a holiday/exception list.  
**Delete** = Remove one or more lists.

## Manage Schedules

On the **Schedules** tab you can view, add, edit, and delete schedules. On this tab you:

- Provide a user-defined name that uniquely reflects the purpose of the schedule.
- Select (ON) or deselect (OFF) cells in the Time/Day grid to indicate the time(s) of week day or holiday that alarm suspension will be ON. Each cell represents a single hour for a single day of the week.

## Configure Users

On the **Users** tab, you can view, add, edit, and delete AMS user accounts and assign permissions.

Task	User Permission Type			
	Admin	View Live Alarms	Modify Alarm State	Search
Configure AMS	➔➔	➔➔	➔➔	➔➔
View live alarms	➔➔	➔➔	➔➔	➔➔
Acknowledge alarms, modify alarm state	➔➔	➔➔	➔➔	➔➔
Search alarms in AMS database	➔➔	➔➔	➔➔	➔➔

## Manage Database Properties

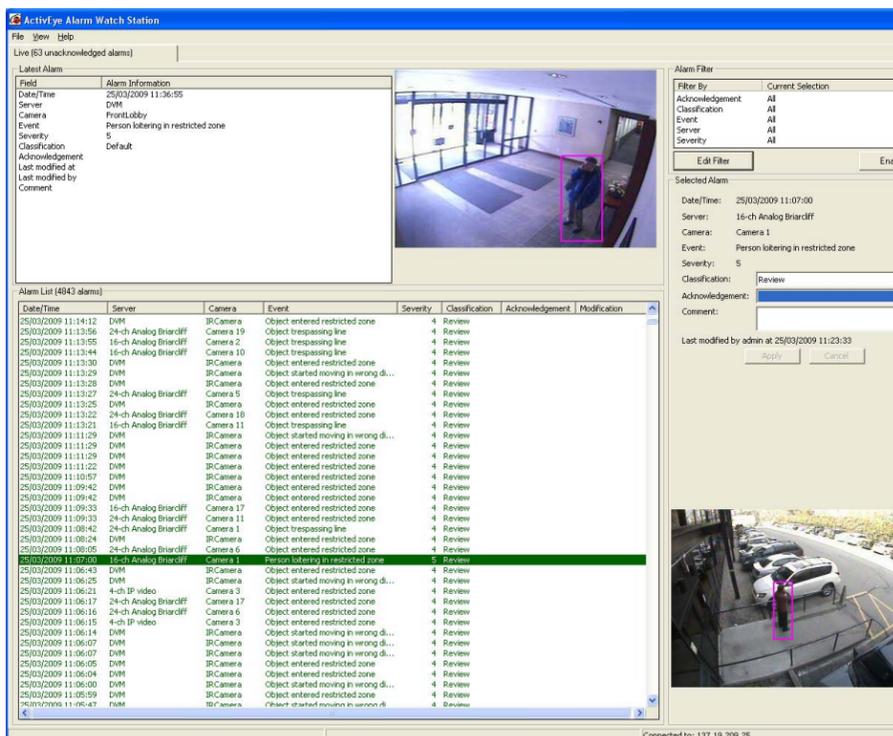
On the **System setup** tab, click **Database Properties** to set how AMS handles alarm records and when to run daily maintenance. Click **OK** for your changes to take effect the next database maintenance time.

Field	Description
<b>Min Free Disk Space</b>	If the available disk space falls below this minimum amount (default is 1 GB), AMS automatically begins deleting records, starting with the oldest records.
<b>Keep Records up to</b>	The number of days AMS keeps the alarm records (default 60 days).
<b>Database Maintenance Time</b>	Time when the AMS database runs its daily maintenance (default is 12 A.M.), preferably when the system receives the fewest alarms.

## Alarm Watch Station

Use this application to monitor real-time alarms from Analytics servers. Start the application (**Start** ➔ **Honeywell Video Analytics** ➔ **ActivEye Alarm Watch Station**), then log on.

**Note** Only one instance of AWS may run at one time.



AWS Area	Description
<b>Live tab header</b>	The total number of unacknowledged alarms
<b>Latest Alarm</b>	Detailed information of the latest live alarm as it is received.
<b>Alarm List</b>	All alarms from the user-configured duration (maximum 5,000). Can be: <ul style="list-style-type: none"> <li>Unfiltered (default)</li> <li>Filtered (must be enabled): Displays a subset of alarms that match the current filter criteria.</li> </ul>
<b>Alarm Filter</b>	The current filter criteria which can be edited and enabled/disabled based on alarm fields. Allows for partitioning monitoring tasks based on specific, different, subgroups of Analytics servers.
<b>Selected Alarm</b>	Detailed information of currently selected alarm(s). Acknowledge selected alarm(s) by assigning the alarm classification, acknowledgement state, or adding a comment.
<b>Status bar</b>	The current AMS connection status. For detailed status of all Analytics servers, select <b>View</b> ➔ <b>Status</b> .

## Configure AWS Preferences

To set how you want Alarm Watch Station to handle alarms, select **View** ➔ **Configuration**. Use the following table to set your preferences.

Field	Description
<b>Enable Audio Alarm</b>	An audible confirmation when live alarms are received
<b>Hide Dismissed Alarms</b>	Hides all Dismissed alarms from the Alarm List. <b>Note</b> This affects the default Alarm Filter setting.
<b>Exempt Filter Rule for Latest Alarm</b>	Allows the latest alarm to always display, regardless of the alarm filter settings when the filter is enabled.
<b>Maximum number of alarms</b>	The maximum number of alarms to be displayed (up to 5,000). This limit includes all alarms that have been dismissed, whether hidden or not.
<b>Show Alarms for</b>	The default time period for the past alarms to be displayed. Options are: <b>Today only:</b> Current day's alarms display. <b>The last [number of] days, starting [at a specified time]:</b> Alarms since the specified time and for the specified number of days display. <b>The last [number of] hours:</b> Alarms display for the specified number of hours.
<b>The last number of hours</b>	Alarms display since the last number of specified hours.

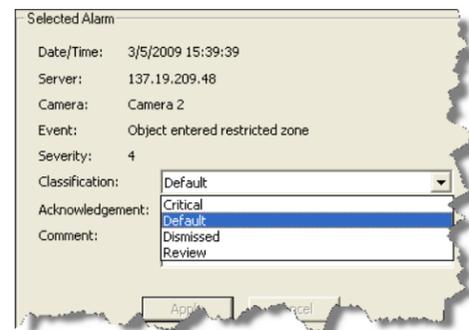
## View Alarm Suspension Rules

To view alarm suspension rules, select **View** ➔ **Alarm Suspension Rules**. Rules can only be changed in Alarm Watch Admin (see *Manage Alarm Suspension Rules*).

## Acknowledge Alarms

To acknowledge an alarm, you must assign an alarm classification or modify an alarm acknowledgement state.

- Select an alarm(s) in the Alarm List (see the Alarm Watch Station to the left).



- In the **Classification** drop-down list, select one of the options:

Option	Description
<b>Default</b>	Default classification for new alarms.
<b>Dismissed</b>	Alarms are hidden from the list (see <i>Configure AWS Preferences</i> ).
<b>Review</b>	Alarms have priority above Dismissed and below Critical.
<b>Critical</b>	Alarms have highest priority and display in <b>red</b> .

- To assign alarm acknowledgement states in the **Acknowledgement** drop-down list, alarms must first be defined in AWA by the **admin** user (see *Alarm Watch Admin*). Options are: Dispatched, Investigated, Modified, and Verified. The user who acknowledged the alarm and the acknowledgement timestamp also display in the Selected Alarm area, under the Comment field.
  - Add a comment (maximum 250 characters) in the **Comment** field as desired.
- Click **Apply**. Acknowledged alarms display in **green** (see Alarm Watch Station to the left).

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Document 800-04268 – Rev B – 09/10