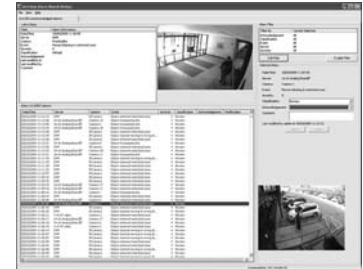# Honeywell

Alarm Management Server

CENTRALIZED ALARM MANAGEMENT FOR VIDEO ANALYTICS

Honeywell's Alarm Management suite allows security operators to monitor real-time alarms from a large number of video analytics servers. The Alarm Management Server (AMS) is a service that connects to a large number of Honeywell video analytics servers to receive analytics alarms generated by these servers. Multiple security operators on separate workstations can run separate copies of Alarm Watch Station (AWS) client applications to connect to AMS and collaboratively manage real-time alarms coming from all various analytics servers.

The alarm acknowledgement state modified by one operator can be seen on the AWS by all other operators in real-time.

There are three components in the software that enable Alarm Management functionality:

- Alarm Management Server – Running as a Windows service on the AMS PC. It serves as a communications interface between all HVA servers and the Alarm Watch Station client applications. AMS connects to HVA servers, stores all the incoming alarms into a local database, and delivers these alarms to all the Alarm Watch Stations that are connected to it.

- Alarm Watch Admin – A client application that allows the user to configure the AMS. The user can add HVA servers for AMS to connect to, customize alarm acknowledgement states that best suit the organization's own alarm management operation, and create user accounts to be used by AMS. Alarm Watch Admin is one of the client applications included in the Honeywell Video Analytics client package.

- Alarm Watch Station – A redesign from the previous version of Alarm Watch Station, this client application now works with AMS to allow the user to view and manage all the alarms coming from the list of HVA servers that AMS is connected to. The user can view and modify the status of any alarm; the status is shared across workstations and can be viewed by other operators. Alarm Watch Station is one of the client applications included in the Honeywell Video Analytics client package.

Market Opportunities

The Alarm Management suite is an ideal solution for larger Honeywell Video Analytics systems, in addition to central station monitoring types of applications.
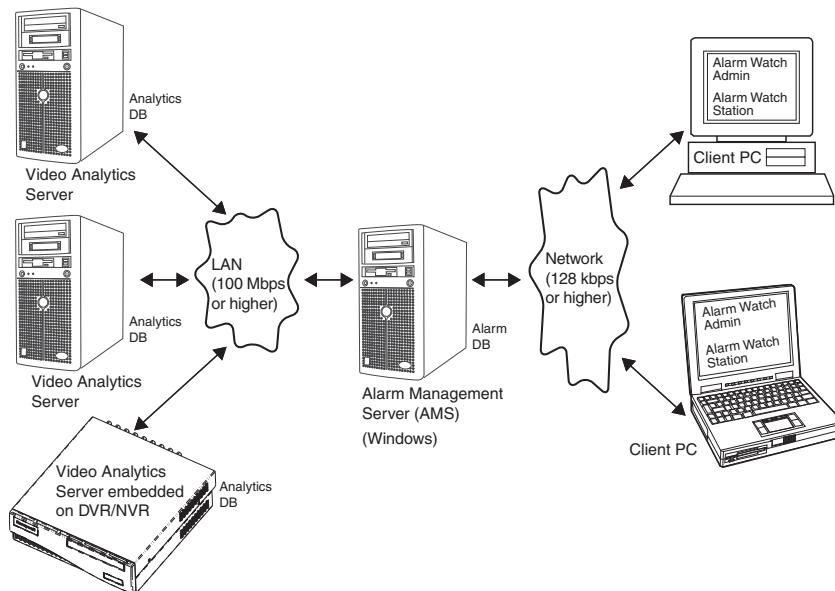
Features

- AMS has its own alarm database to store alarm data, including acknowledgement states of all alarms for real-time alarm management.

- User-defined alarm case management enables the user to filter alarms by date, time, ,alarm severity, event type, alarm classification, alarm acknowledgement and analytics server.

- Customizable alarm acknowledgement states enable a company to synchronize these according to their internal alarm management protocol.

- Multiple security operators on separate workstations can collaboratively manage real-time alarms from various analytics servers; alarm action taken can be viewed by all operators in real-time.

- Separate user account management for AMS results in an added level of system security.

- Four types of user level permissions include Admin, View Live Alarms, Modify Alarm State and Search.

Alarm Management Server

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SYSTEM OVERVIEW

SYSTEM SPECIFICATIONS

Minimum PC system requirements for AMS

Component	Requirement
Operating System	Windows XP Professional with Service Pack 2, or Windows Server 2003 R2 Standard
Processor	Recommended: Intel Core 2 Duo-E-7300 (2.66 GHz or higher) or comparable Minimum: Dual Core Intel Pentium 935 (3.2 GHz or higher) or comparable
RAM	1 GB or higher
Hard drive storage	160 GB, **Note:** On average, the size of an alarm record is 20 KB
Video adapter	Video card with 16 MB memory
Network connection	100/1000 Ethernet
Other	One USB 2.0 interface

ORDERING

Server	
HA8SRVRT3	8 Channel Mini Tower (North America)
HA8SRVRT3X	8 Channel Mini Tower (EMEA)
HA8SRVR3	8 Channel 1U Rackmount (North America)
HA8SRVR3X	8 Channel 1U Rackmount (EMEA)
Software	
HASWCD	Software CD
HAAMS	Alarm Management Server Software

For more information:

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