

Hawk VMS Version 1.3.0

Features List



Hawk VMS™ Features (by Edition)

Feature	Description	Trial	Express	Standard	Enterprise
Up-to 5 Cameras	Ability to add up-to 5 Cameras in Hawk VMS.	●			
Up-to 5 User Accounts	Ability to add up-to 5 Users/Operators in Hawk VMS.	●			
Up-to 10 Cameras	Ability to add up-to 10 Cameras in Hawk VMS.		●		
Up-to 10 User Accounts	Ability to add up-to 10 Users/Operators in Hawk VMS.		●		
Up-to 25 User Accounts	Ability to add up-to 25 Users/Operators in Hawk VMS.			●	
Up-to 64 Cameras	Ability to add up-to 64 Cameras in Hawk VMS.			●	
Up-to 1 Building/Site	Ability to add 1 Building/Site in Hawk VMS.	●	●	●	
Unlimited Cameras	Ability to add an unlimited number of cameras in Hawk VMS.				●
Unlimited Sites	Ability to add an unlimited number of buildings/sites in Hawk VMS.				●
Unlimited Users	Ability to add an unlimited number of users/operators in Hawk VMS.				●
Administration Module (Module)	Intuitive and detailed interface module for configuration and operational management of users, devices, and system parameters.	●	●	●	●
Apple OS X - Client Support	Ability to run on Apple OS X machines.	●	●	●	●
Application Deployment (Out-of-Browser)	Provides the ability to run as a desktop client without the need of any browser.	●	●	●	●
Archive Management	Monitors archive drive space and manages First-In-First-Out routine.	●	●	●	●
Archive Module (Module)	Allows users to quickly locate and playback archived video, provides functionality for timeline based archive retrieval, event and archive integration, downloading and sharing archived video and tagging archived information.	●	●	●	●
Archive streaming	Ability to stream recording video from the archive server (data repository) via the streaming server to a client workstation.	●	●	●	●
Archive Timeline Control	Dynamic timeline control for fast searching and visual historical search navigation.	●	●	●	●
Area of Interest - Motion Detection	Provides the user the ability to define the area of interest for motion detection.	●	●	●	●
Audible Alert Notification	User-defined audible alert action upon event notification.	●	●	●	●
Authorized User Logon	User generated password protected login for secure and audit-enabled access to the platform.	●	●	●	●
Camera Dock (Component)	Allows the user to drag and drop cameras from one or more maps into one common area (the Camera Dock) for viewing.	●	●	●	●
Camera Model Administration - Advanced PTZ Controls	Ability to define advanced custom PTZ controls within the administration of camera models.	●	●	●	●
Camera Security Authentication	Provides the ability to utilize camera security credentials for viewing and administration.	●	●	●	●



Feature	Description	Trial	Express	Standard	Enterprise
Camera Viewer Module (Module)	The Camera Viewer module provides live video viewing, enabling you to monitor one or more live Views, create Sequences of Multi-Views, quickly initiate on-demand recording, manipulate Pan-Tilt-Zoom ("PTZ") cameras, and quickly review recently archived vi...	●	●	●	●
Copy Administration Records	-	●	●	●	●
Cross Browser Interoperability	Provides the ability to run as a Rich Internet Application, smart-client, in Internet explorer, Mozilla Firefox, Google Chrome, Opera, and Apple's Safari browsers.	●	●	●	●
Custom Archive Paths	Ability to define custom locations for archive storage.	●	●	●	●
Customizable User Profile	Individual user profile customization options including: Default Layouts, Start-up Preferences, and Language Orientation.	●	●	●	●
Custom Maps	Provides the ability to upload custom generated map files of facilities, grounds, or regions.	●	●	●	●
Custom Multi-view Sequence Editor	Provides the ability to create user-defined multi-view sequences. The sequences can rotate on a schedule for automated display of unlimited camera arrangements.	●	●	●	●
Custom Training URL	Offers users the ability to modify web-based training locations for end-users.	●	●	●	●
Direct camera interface link	Ability to open the camera interface directly from the Camera Setup screen.	●	●	●	●
Display Active User Sessions	Provides status of all users actively logged into Hawk VMS.	●	●	●	●
Distributed Streaming	Ability to stream camera feeds from across a LAN/WAN over multiple subnets in a distributed server architecture.	●	●	●	●
Downloadable Extracts	Ability to download and view extracts in a standard video player.	●	●	●	●
Dynamic Camera View Selector	Allows user to select and switch camera view arrangements through the utilization of a dialogue window consisting of thumbnail icons, devices, lists, or map views.	●	●	●	●
Extraction List/View Fast-Find	A customized and filter-ready list view of extracts made.	●	●	●	●
Fast Find	Ability to quickly search a camera field of view for motion events in a user-defined area by drawing a box and setting a sensitivity threshold.	●	●	●	●
Fit Window Viewing	Ability for the user to "Fill" or "Fit" the viewing area by not constraining video feeds to maintain defined aspect ratios.	●	●	●	●
Global Search	Provides the ability to rapidly search any content with Hawk VMS. From user entered tags or extractions, to multi-view presets, cameras, and Maps.	●	●	●	●
H.264 Support	Ability to stream and archive video in H.264 format.	●	●	●	●
Image Snapshot	Provides the ability to take and download a snapshot image from any one or multiple camera view(s).	●	●	●	●
Informational Camera Header	A header overlay with relevant information and real-time status about the camera.	●	●	●	●
Installation Wizard	A step-by-step process for installing Hawk VMS (Server) at your site.	●	●	●	●



Feature	Description	Trial	Express	Standard	Enterprise
Live Monitoring	Live video viewing enables you to monitor one or more live Views either via direct streaming or server-side streaming (proxy).	●	●	●	●
Live Streaming (Proxy)	Ability to proxy camera streams via the streaming server to workstations where direct connection is unavailable.	●	●	●	●
Map Integration	Ability to add custom or pre-defined map images into Hawk and add dynamic camera icons providing accurate situational awareness for any facility or site.	●	●	●	●
Map Layout Designer (Module)	An intuitive drag-and-drop interface module for layout and design adjustments to map files including desired zoom parameters and optional layer and device placement options.	●	●	●	●
Maps Module (Module)	An interface providing an at-a-glance geographic overview of the site or entire enterprise with the ability to interact with cameras and devices for relative field-of-view. Ideal for real-time situational awareness and to build visual familiarity of the...	●	●	●	●
Motion detection based events	Archived recording on motion events.	●	●	●	●
Motion-JPEG Support	Ability to record and archive video in Motion-JPEG format.	●	●	●	●
MPEG-4 Support	Ability to record and archive video in MPEG-4 format.	●	●	●	●
Multi-Floor Navigation	Provides the ability to navigate to floors in a building or site location.	●	●	●	●
Multi-View Monitoring	Ability for custom defined multiple live streaming camera view arrangements with several pre-defined templates for easy, and fast viewing configurations.	●	●	●	●
Multi-view Presets	Ability to save a selected camera configuration and view as a preset for quick retrieval.	●	●	●	●
Private and Public Extracts	Provides the ability to annotate whether an extract can be viewed by other system users or to be maintained as a private event by the owner and administrator.	●	●	●	●
PTZ Control	Basic Ability to Pan/Tilt/Zoom.	●	●	●	●
PTZ Control Sphere (Component)	Provides a unique interactive interface tool allowing the user to navigate the field of view of the PTZ camera using a sphere graph.	●	●	●	●
PTZ Lock	Ability to lock a PTZ in position, preventing another user from moving the PTZ without first over-riding the lock action.	●	●	●	●
PTZ Presets	Ability to control PTZ cameras and set preset stopping coordinates.	●	●	●	●
Silverlight 5 Integration	Integration for Microsoft's Silverlight Version 5.	●	●	●	●
Snapshot Preview	Provides a snapshot preview (or live stream) of the camera as it's being placed into the map.	●	●	●	
Software License	A software license key allows each site to be configured properly towards the scope of work. The license will determine the instance edition (Standard or Enterprise) as well as enable purchased add-on modules.	●	●	●	●
SQL Server Express Integration	Provides the ability to operate and run using Microsoft SQL Server 2008 R2 (Express).	●	●	●	●



Feature	Description	Trial	Express	Standard	Enterprise
Streaming Archive Player	Ability to playback archived video.	●	●	●	●
System Help	Integrated System Help files navigation and operational support of Hawk VMS.	●	●	●	●
Touch Enabled	Hawk VMS offers full functionality for all touch surfaces and with no hidden menus or right clicks, touch is a great medium for HVMS.	●	●	●	●
Tutorial Videos	Interactive tutorial videos showing brief functional instructions to common operating interfaces.	●	●	●	●
User Audit Trail	Ability to track users activities within Hawk VMS.	●	●	●	●
User Groups	Groups allow multiple users to share the same permissions sets for efficient administration.	●	●	●	●
Video Extract Player	Ability to play extracted video within Hawk VMS and download for external playback.	●	●	●	●
Virtual Pan/Zoom	Ability to digitally pan and zoom on any image from any camera view, providing more analysis of an area of interest.	●	●	●	●
Welcome and Login (Module)	Welcome area with navigation to components and modules within Hawk VMS.	●	●	●	●
Windows 2008 Server - Client Support	Ability for Hawk VMS to operate as a client on Windows 2008 Server.	●	●	●	●
Windows 2008 Server - Server Support	Ability for Hawk VMS Server application to operate on Windows 2008 Server.	●	●	●	●
Windows 7 - Client Support	Ability for Hawk VMS to operate as a client on Windows 7 (Home and Professional).	●	●	●	●
Windows 7 Server - Server Support	Ability for Hawk VMS Server application to operate on Windows 7 (Home and Professional).	●	●	●	●
Windows 8 - Client Support	Ability for Hawk VMS to operate as a client on Windows 8 (Home and Professional).	●	●	●	●
Actions Panel (Component)	A set of collaboration tools and buttons providing the ability to dynamically share messages or views with other system users.			●	●
Audio streaming integration (Axis)	Audio Integration for all general Axis camera models (Series: M, P, Q, 200).			●	●
Audit Trail / Access Logs	Accessible audit trail report of users actions and history.			●	●
Custom Icons	Offers users the ability to upload custom icons for use in the map layout design.			●	●
Custom Motion Sensitivity	Ability to adjust the motion sensitivity is the amount of change in percent between two concurrent frames.			●	●
Dynamic Camera Icons	Icons change state based on status (alarm/alert, service/no service).			●	●
Expandable Info Panel	An expandable information panel showing events for easy filtering and search by time, date, object, and grouping criteria.			●	●
Extended Tool Tips	Enhanced or detailed tool tips that are provided to the user on hovering over an object or item.			●	●
H.264 Support (Axis)	H.264 Integration for all general Axis camera models (Series: M, P, Q, 200).			●	●



Feature	Description	Trial	Express	Standard	Enterprise
Last Login Report	Provides administrators with at-a-glance "last-login" reporting and audit of users who have logged into Hawk.			●	●
Live Audio Streaming	Ability to stream live audio back to HVMS.			●	●
Map Locator	The quick locate function allows the user to find the location of any camera on one (or multiple maps) from within the Camera Viewer. Any map the selected camera is associated with will be displayed in a quick preview window.			●	●
Multi-Language Support (Arabic)	Operation in Arabic.			●	●
Multi-Language Support (English)	Operation in English (US/UK).			●	●
Multi-Language Support (Russian)	Operation in Russian.			●	●
Multi-Language Support (Spanish)	Operation in Spanish.			●	●
NAS Support	Ability to support Network Area Storage.			●	●
Neighboring Cameras	Provides the ability to associate cameras together in custom multi-view arrangement of a logical group for quick display of "neighbor" cameras or devices.			●	●
Panoramic Camera Support (Axis)	Panoramic camera support for Axis models with 360-degree FOV. Will display Overview, Panoramic, and Quad View support.			●	●
Print-ready views	Ability to print configuration views for easy site commissioning and reporting.			●	●
PTZ Sequence Editor (Tour)	Ability to configure PTZ presets into a tour configuration.			●	●
Real-time Extraction	Ability to live record and extract video with or without motion or external trigger by a simple one-click interface on any camera view.			●	
Send Messages	Allows users to send messages within the application, for instant collaboration.			●	●
Share View	A collaboration tool providing the ability to dynamically share any view the user is currently seeing with any other user.			●	●
SQL Server 2008 R2 Integration	Provides the ability to operate and run using Microsoft SQL Server 2008 R2.			●	●
System-based Alerts	Diagnostic alerts on system actions of a camera or service.			●	●
Tagging	Ability to mark/flag video, cameras, or events for fast search and quantifiable look-up.			●	●
Universal Camera Model Driver	Hawk VMS allows users to define or setup custom camera model configurations via HTTP or RTSP command strings.			●	●
Unlimited Archive Settings	Provides the ability in configuration to customize Frames Per Second (FPS), Motion Sensitivity, and Overlay controls for any custom camera.			●	●
Visual Camera Status Indication	A visual alert within the events panel, annotating the camera status for quick reference.			●	●
Active Directory (Read)	Active Directory Integration.				●
Agent Vi Edge Analytic Integration	Integration with Agent Vi Video Analytics.				●



Feature	Description	Trial	Express	Standard	Enterprise
Behavior Events	Behavior-based event transactions and alerts. Most often used for Video Analytic alarms.				●
Custom Map Layers	Ability to add definable layers to any map. These layers can be hidden or exposed depending on user configuration and preference.				●
DNA Fusion Integration - PACS Video Call-up	Integration Feature that calls up video within Open Options DNA Fusion (Access Control).				●
Multi-Level Mapping	Provides the ability to navigate multiple maps through an intuitive interface with dynamic pan-tilt and zoom on each graphic.				●
Multi-Streaming Archive Player	Ability to playback multiple archived video streams simultaneously.				●
RFID Camera Tracking (SIRIT)	Ability to call-up or associate cameras in archives with an RFID event.				●
RFID Event Integration (SIRIT)	Transaction-based event integration with RFID readers and tags from SIRIT.				●
Video Analytics	Ability to incorporate 3rd-party behavior-based video analytics within the Hawk VMS Events container.				●
VMware Workstation Integration	Ability for the application to be installed and maintained on a VMware instance.				●

PURPLEARROW VMS (Campus-based Video Management Software)

PURPLEARROW's premier web-based campus IP Video surveillance software application, The PURPLEARROW VMS platform fulfills the requirements for any standardized campus surveillance system as well as those critical needs outside the norm.

PURPLEARROW VMS – Fleet Management Module

For fleet management and remote device recording PURPLEARROW understands the need for durable and reliable solutions. We have designed systems to range from one camera on a emergency management vehicle with 3G/4G access for long range field reconnaissance, to an entire fleet of transportation vehicles with sensors arrays designed to withstand vandalism, extreme environments, and the general shock and wear of air, road, water, or rail travel.

Complete with a software solution designed for easy access and remote video retrieval that is cleanly integrated with your standard PURPLEARROW VMS Solution, you can feel at ease in communicating procedures with your staff and ensuring your video is always accessible and can be archived securely.



PURPLEARROW – Professional Services (Remote)

Custom Map Configuration

PURPLEARROW engineering provides custom and interactive map development. Map design development in Adobe Photoshop / Illustrator. Design will be incorporated into Hawk VMS' Silverlight interface showing camera locations. (Price per map page)

Report Development (SQL-based or Custom)

Custom development of cross-query reports for manual or automatic generation within either Hawk VMS, PURPLEARROW VMS, or the related SQL database structure itself. (Price per report)

Specification Design

Construction and/or Architectural Engineering design and specification for PURPLEARROW products to be used within a bid-spec or design-build scope of work for an End-user or agency.

Video Server Configuration

Site Installation/Server Configuration: Server integration with PURPLEARROW VMS / Hawk VMS includes network programming for the server with cameras and devices, access to user maps, configuration of software to allow web control, configuration of software for Remote Diagnostics and end-user training.



PURPLEARROW – Advanced Professional Services

Custom Software Development

PURPLEARROW can provide custom software scripting development or application-based integration. (Pricing is based on a per day rate)

Onsite Field Diagnostic Services

Field diagnostic services offer engineering troubleshooting and technical support for security management solutions. PURPLEARROW will provide a certified field support technician/engineer to assist the integrator in a diagnostic troubleshooting and support role directly to a field location. (Pricing is based on a per day rate, excluding travel, lodging and per-diem expenses)

Site Commissioning

Site Commissioning of Hawk VMS (Pricing is based on a per day rate, excluding travel, lodging, and per-diem expenses)

Systems Integration (Field-based)

Integration of Security / IT / Low-Voltage sub-systems into an overall Security Management Solution. (Pricing is based on a per day rate, excluding travel, lodging, and per-diem expenses)

Systems Integration (Remote)

Integration of Security / IT / Low-Voltage sub-systems into an overall Security Management Solution. (Pricing is based on a per day rate)

Vulnerability Assessment

A PURPLEARROW assessment process includes, identifying, quantifying, and prioritizing the vulnerabilities at a site or within a particular sub-system. (Pricing is based on a per day rate, excluding travel, lodging and per-diem expenses)



PURPLEARROW – Training Services

Onsite Partner Training*

Partner Training includes, Hawk VMS, Command View, and/or other PURPLEARROW specific product training to be held at Partner's specified location. (Pricing is based on a per day rate, excluding travel, lodging and per-diem expenses).

PURPLEARROW-based Partner Training*

Partner training includes, Hawk VMS, Command View, and/or other PURPLEARROW specific product training to be held at PURPLEARROW's Houston Headquarters (or comparable location).

Onsite End-user Training*

End-user training includes, Hawk VMS, Command View, and or other PURPLEARROW specific product training to be held at an End-user location on behalf of (or in conjunction with) the PURPLEARROW Partner. (Pricing is based on a per day rate, excluding travel, lodging and per-diem expenses).

Remote End-user Training*

End-user training includes, Hawk VMS, Command View, and or other PURPLEARROW specific product training to be held at via a remote conference bridge and web-conference on behalf of (or in conjunction with) the PURPLEARROW Partner.

[Technical Training Program Brochure](#)

* Remote training sessions are typically up-to 6 hours/day including setup time, with class size maxed at 15 participants. PURPLEARROW-based trainings are held from 9AM – 4PM (with lunch included).

PURPLEARROW – Software Maintenance and Monitoring

Software Maintenance

This software maintenance support plan entitles the customer to all versions (minor and major) and hotfix releases (incremental) for the software product purchased during the service period. It also includes access to our knowledge base, FAQs, release notes, and any forthcoming documentation for the software product purchased. Software Maintenance fee is paid annually per license. Service contract will be valid for one year and service extension can be acquired based on mutual evaluation and agreement.

Highlights:

Access to our extensive knowledge base

Release Notes and Documents

Major Version Release Updates

- Primary Releases (e.g. 2.x or 3.x)
- These releases provide newer functionality or discovery relating to function or reporting such as:
 - Enhanced product integrations (devices and software)
 - Innovative new modules offering both core and ancillary feature additions

Minor Version Release Updates

- Incremental Releases (e.g. 1.1.x to 1.2.x)
- These releases provide improvements/modifications to function or reporting such as:
 - Improvements to Graphical User Interface (GUI)
 - Increased number of pre-configured reports and database views

Hotfixes/Bug Fixes

- Revisions (e.g. 1.1.1 to 1.1.2)
- These releases provide code fixes such as:
 - Modifications to functional process
 - Partner manufacturer updates and integration revisions

Software Maintenance Plus

This software maintenance plus support plan entitles the customer to all version (minor and major) and hot-fix releases (incremental) for the software product purchased during the service period. Includes email and telephone technical support for software related issues as well as access to our knowledge base, FAQs, release notes, and any forthcoming documentation for the software product purchased. During the period of the service contract, up to 8 hours of PURPLEARROW Professional Services may be provided at no additional charge, as pertains to the particular scope and size of the project. All active maintenance customers receive loyalty preferred pricing on select PURPLEARROW software products and professional services. Software Maintenance Plus fee will be valid for one year and service extension can be done based on mutual evaluation and agreement. Software Maintenance Plus fee is paid annually per license.

Highlights:

Access to our extensive knowledge base

Release Notes and Documents

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- These releases provide code fixes such as:
 - Modifications to functional process
 - Partner manufacturer updates and integration revisions

Software Technical Email and Phone Support

Up to 8 hours of PURPLEARROW Professional Services (Remote)

Loyalty Pricing

- **Active maintenance customers receive preferred pricing on select PURPLEARROW software products and professional services**

Remote Monitoring

This remote monitoring support plan entitles the customer to all version (minor and major) and hot-fix releases (incremental) for the software product purchased during the service period. Includes email and telephone technical support for software related issues as well as access to our knowledge base, FAQs, release notes, and any forthcoming documentation for the software product purchased. During the period of the service contract, up to 8 hours of PURPLEARROW Professional Services may be provided at no additional charge, as pertains to the particular scope and size of the project. All active maintenance customers receive loyalty preferred pricing on select PURPLEARROW software products and professional services. This service includes PURPLEARROW's Remote Status Monitoring (RSM). RSM helps ensure maximum uptime of your system by proactively monitoring the up/down status of each camera and server in your surveillance network. If a camera or server is determined to be off line, PURPLEARROW's customer service professionals will remotely diagnose and attempt to remedy the problem to ensure your system is always online and operational. In the event of a hardware failure, PURPLEARROW's customer service team can work remotely with customer's on-server support personnel to have them retrieve the defective device and return to PURPLEARROW for repair/replacement if the hardware is covered under warranty. In addition to RSM, server assessment reports, remote diagnostic support and remote hardware support are offered in this support plan. The Remote Monitoring fee will be valid for one year and service extensions can be done on initial evaluation and agreement. The fee is paid annually per license. The Software Plus Fee may be itemized separately in the proposal.

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- Release Notes and Documents

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Loyalty Pricing

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Remote Status Monitoring (RSM)

Notification of exceptions via email

Emergency Situation Support (ESS)

Server Assessment Reports

- Reports that show what the server has and its installation history

Remote Diagnostic Support

- Supporting a server from our technical team by assisting in tracking root causes for exceptions

Remote Hardware Support

- Support of hardware related issues through common troubleshooting

DISCLAIMER: Specifications are subject to change without notice. Lensec, USA is the OEM for this application, PACS have OEM tie up with Lensec for rebranding and customizing application as per Indian requirements and integrations. OEM reserves the right to make changes to improve performance without impacting form, fit or function.

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