**Perspective VMS Version 6.1.0**

# Features List

| Limitations | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **Number of Cameras** | | 5 | 100 | 24 | 1,000 | Unlimited | Unlimited |
| **Number of User Accounts** | | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited | Unlimited |
| **Number of  Servers** | | 1 | - | 1 | 10 | Unlimited | Unlimited |

| Operating Systems | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **Windows 2025 - Server Support** | Ability for Perspective VMS Server application to operate on Windows 2025 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2025 - Client Support** | Ability for Perspective VMS as a client application to operate on Windows 2025 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2022 - Server Support** | Ability for Perspective VMS Server application to operate on Windows 2022 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2022 - Client Support** | Ability for Perspective VMS as a client application to operate on Windows 2022 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2019 - Server Support** | Ability for Perspective VMS Server application to operate on Windows 2019 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2019 - Client Support** | Ability for Perspective VMS as a client application to operate on Windows 2019 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2016 - Server Support** | Ability for Perspective VMS Server application to operate on Windows 2016 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2016 - Client Support** | Ability for Perspective VMS as a client application to operate on Windows 2016 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2012 R2 - Server Support** | Ability for Perspective VMS to operate as a server on Windows 2012 R2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 2012 Server - Client Support** | Ability for Perspective VMS to operate as a client on Windows 2012 Server | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 11 - Server Support** | Ability for Perspective VMS Server application to operate on Windows 11 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 11 - Client Support** | Ability for Perspective VMS to operate as a client on Windows 11 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 10 - Server Support** | Ability for Perspective VMS Server application to operate on Windows 10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows 10 - Client Support** | Ability for Perspective VMS to operate as a client on Windows 10 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Windows (legacy versions) - Client Support** | Ability for Perspective VMS to operate as a client on Windows legacy versions (Windows 7, XP, 2008, etc.) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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| **Apple OS X - Client Support** | Ability to run on Apple OS X machines | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Linux Unbuntu - Client Support** | Ability for Perspective VMS to operate as a client on Linux Unbuntu | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **VMware vSphere Integration** | Ability for the application to be installed and maintained on a VMware instance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **VMware Workstation Integration** | Ability for the application to be installed and maintained on a VMware instance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Oracle VirtualBox Integration** | Ability for the application to be installed and maintained on an Oracle VirtualBox instance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Databases | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **SQL Server 2022 Integration** | Provides the ability to operate and run using Microsoft SQL Server 2022. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2022 Express Integration** | Provides the ability to operate and run using Microsoft SQL Server 2022 (Express). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2019 Integration** | Provides the ability to operate and run using Microsoft SQL Server 2019. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2019 Express Integration** | Provides the ability to operate and run using Microsoft SQL Server 2019 (Express). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server on Azure** | Provides the ability to operate and run using Microsoft SQL Server (on Azure). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2017 Integration** | Provides the ability to operate and run using Microsoft SQL Server 2017. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2017 Express Integration** | Provides the ability to operate and run using Microsoft SQL Server 2017 (Express). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2016 Express Integration** | Provides the ability to operate and run using Microsoft SQL Server 2016 (Express). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2016 Integration** | Provides the ability to operate and run using Microsoft SQL Server 2016. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2014 Express Integration** | Provides the ability to operate and run using Microsoft SQL Server 2014 (Express). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Server 2014 Integration** | Provides the ability to operate and run using Microsoft SQL Server 2014. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SQL Backup/Restore** | A feature that would allow for an SQL database backup routine to be initiated and/or scheduled through PVMS | ✓ | - | - | ✓ | ✓ | ✓ |

| General Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Welcome and Login (Module) | Welcome area with navigation to components and modules within Perspective VMS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Install Shield - Installation Wizard | A step-by-step process for installing Perspective VMS (Server) at your site. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Authorized User Logon | User generated password protected login for secure and audit-enabled access to the platform. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Favicon | The use of a browser icon shall be available to differentiate the application from other web/browser tabs. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cross Browser Interoperability | Provides the ability to run as a Rich Internet Application, smart-client, in Internet explorer, Mozilla Firefox, Opera, and Apple's Safari browsers. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Top Navigation Bar (Component) | The top navigation bar allows users to quickly jump between modules. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Drag-and-Drop Support | Perspective VMS offers drag-and-drop functionality throughout modules for efficient navigation and operation. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Authorized Pass-through Authentication | Ability to generate an authenticated pass-through login credential to access Perspective VMS from 3rd party software or resources without requiring an additonal login. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Global Search | Provides the ability to rapidly search any content with Perspective VMS. From user entered tags or extractions, to multi-view presets, cameras, and Maps. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Maintenance Period Expiration (License) | Ability for displaying the advanced notice of expiration of software maintenance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Touch Enabled | Perspective VMS offers full functionality for all touch surfaces and with no hidden menus or cumbersome right clicks, touch is a great medium for PVMS. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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| **PVMS Debugging webpage** | A tool for monitoring active streaming connections within PVMS for troubleshooting and debug purposes. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **HTML5 Integration** | Ability for Perspective VMS user-interface to operate and stream video within a native HTML5-complient web-browser | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **DAS Support** | Ability to support Direct Attached Storage | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **NAS Support** | Ability to support Network Area Storage | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **SAN Support** | Ability to support Storage Area Networks | ✓ | - | ✓ | ✓ | ✓ | ✓ |

| Support | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Custom Logon Script/Message | An ability to create a custom message for users logging into Perspective VMS. This message can be a one-time acceptance by the user, or persistent for each access attempt to the software. The message(s) may be custom tailored for each permission group and multiple messages may be prioritized or ranked for sequential viewing and acknowledgement. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| EULA | A one-time acknowledgement of the End-User License Agreement | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Administrative Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Archiving Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Analytics Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS External System Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Health Monitor Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Streaming Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Web Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Camera Service Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| PVMS Event Engine Log | Ability to view events, transactions, errors from the service in an event log within Microsoft's Administrative Tools | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| System Help | Integrated System Help files navigation and operational support of Perspective VMS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
|---|---|---|---|---|---|---|---|
| Tutorial Videos | Interactive tutorial videos showing brief functional instructions to common operating interfaces. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Language Support | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **Multi-Language Support (English)** | Operation in English (US/UK) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-Language Support (Arabic)** | Operation in Arabic | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-Language Support (Russian)** | Operation in Russian | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-Language Support (Spanish)** | Operation in Spanish | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-Language Support (French)** | Operation in French | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-Language Support (Portuguese)** | Operation in Portuguese | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Map Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **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 Dock - Rapid Map Callup** | An ability that allows users to navigate to maps associated to cameras within the dock. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Map Layers** | Ability to add definable layers to any map. These layers can be hidden or exposed depending on user configuration and preference. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Maps** | Provides the ability to upload custom generated map files of facilities, grounds, or regions. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Dynamic Camera Icons** | Icons change state based on status (alarm/alert, service/no service) | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Map Browser - Rapid Camera Loading** | Ability to load all cameras from a map with one click from the Camera Dock interface | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Map Coordinate Grid** | Ability to overlay a coordinate grid for visually pinpointing an area of a map.` | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Map Integration** | Ability to add custom or pre-defined map images into Perspective and add dynamic camera icons providing accurate situational awareness for any facility or site. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Map Items Group** | Provides the ability to Professionally group items across all maps to be shown as distinct layers that may be toggled on or off. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Maps Module (Module)** | An interface providing an at-a-glance geographic overview of a 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 site  for users, administrators, first responders,  and visiting agencies. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Multi-Floor Navigation** | Provides the ability to navigate to floors in a building or site location. | ✓ | - | ✓ | ✓ | ✓ | ✓ |

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| **Multi-Level Mapping** | Provides the ability to navigate multiple maps through an intuitive interface with dynamic pan-tilt and zoom on each graphic. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Dynamic Device Icons (Doors)** | Door Icons allowing for interaction to send/issue commands to the integrated device. | ✓ | - | - | - | ✓ | ✓ |
| **Dynamic Device Icons (Shapes)** | Shape icons objects allowing for interaction to send/issue commands to the integrated device. | ✓ | - | - | - | ✓ | ✓ |
| **Live Maps** | Ability for integration to dynamic map tools showing street names and site facilities including the ability to search for sites and addresses. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **OpenStreetMap Integration** | Integration with OpenStreet Maps® | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Google Maps Integration** | Ability to leverage Google Maps for associating security objections geographically | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Map Shapes** | Ability to design custom shapes for placement on a map | ✓ | - | - | - | ✓ | ✓ |
| **Live Map Distance Measuring** | Ability to measure between points and area within Live Maps (Maps Module) | ✓ | - | ✓ | ✓ | ✓ | ✓ |

| Camera Viewer Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Borderless Multi-View | An ability to view multi-view arrangements without pixel space or borders between containers. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Scan | Adds a default Multi-view sequence of all cameras the user has access to, enabling the user to quickly scan cameras one after another in a one-up configuration. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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... | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Dynamic Resolution Multi-View Streaming | Ability for selected cameras with multiple resolution attributes to stream at a size appropriate for larger and smaller container sizes, making streaming more efficient overall. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Fit Window Viewing | Ability for the user to "Fill" or "Fit" the viewing area by not constraining video feeds to maintain defined aspect ratios. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Full Screen Monitoring | Ability to monitor video in full screen mode | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Live Monitoring | Live video viewing enables you to monitor one or more live Views either via direct streaming or server-side streaming (proxy). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---|---|---|---|---|---|---|---|
| **Multiple Aspect Ratio Viewing** | Ability for custom defined multiple live streaming camera view arrangements using 4:3 or 16:9 or 16:10 ratios with several pre-defined templates for easy and fast viewing configurations. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **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. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Out-of-Service Identifier** | A capability within the User Interface to annotate cameras that are Out-of-Service for planned / remedy maintenance or pre-staging of future installation cameras to alert the user of a known out-of-service condition. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **PC-based Joystick Integration** | Ability to leverage PC/USB joysticks (including Playstation and Xbox game controllers) for controlling Pan/Tilt/Zoom functionality of compatible cameras. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **PTZ Control** | Ability to Pan/Tilt/Zoom by using a standard Joystick control, Click to Zoom or Click to Center. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **PTZ Control Basic (Component)** | Provides a unique interactive interface tool allowing the user to navigate the field of view of the PTZ camera using basic PTZ controls. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **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. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **PTZ Sequence Editor (Tour)** | Ability to configure PTZ presets into a tour configuration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **PTZ Presets (Edge)** | Ability to optionally set PTZ presets for configuration on the camera (at the edge). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
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| **PTZ Return to Home** | Ability to set a PTZ "Home" position and set a time value for returning the PTZ to home automatically. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Virtual PTZ Control** | Ability to digitally pan and zoom on any image from any camera view, providing more analysis of an area of interest. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Auto Focus (Camera)** | Ability to auto focus compatible cameras from within the camera viewer container. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Bi-Directional Audio** | Ability to stream audio out via an on-screen control within the camera overlay of Perspective VMS. The feature utilizes the PC microphone and audio-output on selected cameras. | - | - | - | ✓ | ✓ | ✓ |
| **Live Audio Streaming** | Ability to stream live audio back to PVMS | - | - | - | ✓ | ✓ | ✓ |
| **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. | - | - | - | ✓ | ✓ | ✓ |
| **Alert pop-up stream (action)** | Ability to trigger via workflow a pop-up stream of a camera as an action response. | - | - | - | - | ✓ | ✓ |
| **Camera Associative Door Control** | Ability to control associated door(s) from the camera overlay to lock, unlock, and pulse door(s) | - | - | - | - | ✓ | ✓ |
| **Live Events** | Ability to view cameras, analytic rules and devices events live as an overlay on the camera cell in Camera Viewer Module. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Linked Cameras** | Ability to link nearby camera based on directions | ✓ | - | - | - | ✓ | ✓ |
| **Camera Selector Panel** | Ability to manage camera views by adding or removing cameras from their current view with just a few clicks | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Dewarping (Options)** | Ability to change the view for 360 cameras | ✓ | - | - | - | ✓ | ✓ |
| **H.264 Support - Live Streaming** | Ability to stream video in H.264 (HEVC) format | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Motion-JPEG Support - Live Streaming** | Ability to stream video in Motion-JPEG format | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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|---|---|---|---|---|---|---|---|
| **H.265 Support - Live Streaming** | Ability to stream video in H.265 (HEVC) format | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Archiving Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Archive Location Failover | Ability to define an alternate location should configured archive locations become inaccessible. This "Failover" location would be utilized only if no other archiving paths could be found. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| 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 | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Archive Timeline Seek | Ability to scroll/seek the archive timeline with image previews | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Downloadable Extracts | Ability to download and view extracts in a standard video player | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Fast Archive Playback Control | Ability to rewind and control recorded video at upto 64x speeds from the Camera Viewer container of any camera | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Frame-by-Frame Archive Playback Control | Ability to rewind and control recorded video by frames from the Camera Viewer container of any camera | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Full Screen Archive Monitoring | Ability to monitor video in full screen mode | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| H.264 Support - Playback | Ability to stream and archive video in H.264 format. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| H.265 Support - Playback | Ability to archive video in H.265 (HEVC) format. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Motion-JPEG Support - Playback | Ability to record and archive video in Motion-JPEG format | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Instant Replay - 10 seconds back | Ability to instantly review 10 seconds back | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Instant Rewind (FSAL) | Allows for immediate rewind of MJPEG archiving from live view regardless of position in time of video/archive file generation. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Motion-JPG Support - Playback | Motion-JPEG image recording/archiving of video | ✓ | - | ✓ | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---------|-------------|---|---|---|---|---|---|
| **MPEG-4 Support - Playback** | Ability to record and archive video in MPEG-4 format | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Open in Archives** | Ability to open selected camera from Camera Viewer into Archive Module | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Scheduled Recording** | An ability to schedule various parameters of recording on camera during selected schedules | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Server-Generated Extraction Overlay** | An ability to add metadata of a server generated overlay with camera name, date/time onto video extractions. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Streaming Archive Player** | Ability to playback archived video. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Video Extract Player** | Ability to play extracted video within Perspective VMS and download for external playback | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Archive Audio** | Ability to record/archive audio synchronized with video. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Archive Redistribution** | Ability to automate a redistribution of archives from one location in store to remaining active locations within the archive store. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Multi-Streaming Archive Viewer** | Ability to playback multiple archived video streams simultaneously. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Neighboring Cameras - Archive** | Provides the ability while in archive playback mode within the camera viewer module, to associate cameras together in custom multi-view arrangement of a logical group for quick display of "neighbor" cameras or devices. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Time-lapse Extractions** | Provides the ability to record video in increments of Frames per Hour(s), thereby allowing for archive viewing or video extractions spanning multiple weeks, months, or even years. | ✓ | - | ✓ | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---|---|---|---|---|---|---|---|
| **Video Collage** | Ability to download multiple camera extractions into a single playback file as a video collage | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Watermarking** | Security technology to provide chain of evidence information | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Archive Locking** | Provides the user the ability to flag or mark sections of times (or entire days) for exemption from the normal archive deletion routines. | ✓ | - | - | - | ✓ | ✓ |
| **Edge-based Recording Import** | An ability to pull/import recordings from an SD card either from the camera or directly from the SD card itself. | ✓ | - | - | - | ✓ | ✓ |
| **Extraction Editing** | An ability to edit or refine extractions via editing start and end times thereby creating a second "trimmed" extraction in addition to the original. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Privacy Mask for Extractions** | Ability to create privacy masks for video extractions | ✓ | - | - | - | ✓ | ✓ |
| **Highlighting Objects** | Classify and highlight objects on archive timeline | ✓ | - | - | - | | ✓ |
| **Embedded timeline** | Ability to control camera playback by camera cell embedded timeline | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Archive Encryption** | Secure archive files by encrypting them to prevent unauthorized access or tampering. | ✓ | - | - | - | - | ✓ |
| **Password Protected Extraction** | Protect downloaded video extractions with a password for secure external sharing. | ✓ | - | - | - | - | ✓ |

| Dashboard Module | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **Dashboard Module** | Allows users to view an at a glance system overview through multiple widgets, arrnaged in a single page including system componenets health, top events, and storage utilization (Change to match before) | ✓ | - | - | - | ✓ | ✓ |
| **Dashboard - Event Widgets** | Provides the ability to view events from devices, analytic rules and cameras in multiple different formats (tabular and graphical) | ✓ | - | - | - | ✓ | ✓ |
| **Dashboard - Health Widgets** | Provide the ability to monitor system health, from offline componenet, archive stores storage and health jobs | ✓ | - | - | - | ✓ | ✓ |
| **Dashboard - Monitoring Widgets** | Provides the ability to monitor events as they occur in the camera and map cells | ✓ | - | - | - | ✓ | ✓ |
| **Dashboard - Text Editor** | Provides the ability to create and format contents with options to adjust font style, size and color. | ✓ | - | - | - | ✓ | ✓ |
| **Live Updates** | Provides live updates of events and system health as they occur in the Dashboard module | ✓ | - | - | - | ✓ | ✓ |

| Forensic Search Module | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
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| Forensic Search Module | Allows the users to locate and investigate incidents, granting users the means to narrow down their search through precise filters. | ✓ | - | - | - | - | ✓ |
| Search for Motion | Allows the users to search for motion events. | ✓ | - | - | - | - | ✓ |
| Search for Person | Allows the users to search for people based on their attributes, image or name. | ✓ | - | - | - | - | ✓ |
| Search for Vehicle | Allows the users to search for vehicles based on their classification | ✓ | - | - | - | - | ✓ |
| Search by specific camera | Allows the users to search for events or incidents for a specific camera. | ✓ | - | - | - | - | ✓ |
| Search by specific zone | Allows the users to choose the zone they're interested in. | ✓ | - | - | - | - | ✓ |
| Extract Multiple Events | Allows the users to extract all incident events in a single video. | ✓ | - | - | - | - | ✓ |

| Actions/Events Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Audible Alert Notification | User-defined audible alert action upon event notification. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Archive Video Image Extraction | Ability to extract video from archived recordings to a segregated location on the network that will not be overwritten by the software. This video may also be downloaded externally as a copy for permissioned users | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Extraction Pop-up Preview | A customized and filter-ready list view of extracts made. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Extraction List/View | A customized and filter-ready list view of extracts made. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Image Extraction Search | The ability of scanning and searching through multiple image extractions. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Motion detection based events | Archived recording on motion events | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| User Defined Side Panel Position Preference | System shall maintain preferred state of side panel (minimized/maximized) across user sessions. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Actions Panel (Component) | A set of collaboration tools and buttons providing the ability to dynamically share messages or views with other system users. | ✓ | - | - | ✓ | ✓ | ✓ |
| Add Tag | Ability to mark/flag video, cameras, or events for fast search and quantifiable look-up from Camera Viewer | ✓ | - | - | ✓ | ✓ | ✓ |
| Alert annotations | Ability to track alert acknowledgement by user/date as well as modify event to mark as active for additional follow up. Marked active event transactions are also tracked by user and date. | ✓ | - | - | ✓ | ✓ | ✓ |
| Edge-based Motion Detection Events | Provides the ability to leverage edge device motion detection algorithms for event archiving and alerts | ✓ | - | - | ✓ | ✓ | ✓ |
| Expandable Info Panel | An expandable information panel showing events for easy filtering and search by time, date, object, and grouping criteria. | ✓ | - | - | ✓ | ✓ | ✓ |
| Highlight Tags | Ability to mark / highlight an area of interest within a tagged event | ✓ | - | - | ✓ | ✓ | ✓ |
| Send Messages | Allows users to send messages within the application, for instant collaboration | ✓ | - | - | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---|---|---|---|---|---|---|---|
| **Share View** | A collaboration tool providing the ability to dynamically share any view the user is currently seeing with any other user. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Share View Info Panel** | Component feature for listing and administration of historical shared views | ✓ | - | - | ✓ | ✓ | ✓ |
| **Share View Pop-up Preview** | Ability to dynamically share your view from any module to another user in a simple yet collaborative method. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Share View - Push** | Ability to push a share view to a users workstation on command | ✓ | - | - | ✓ | ✓ | ✓ |
| **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 | ✓ | - | - | ✓ | ✓ | ✓ |
| **Visual Camera Status Indication** | A visual alert within the events panel, annotating the camera status for quick reference. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Visual Service Status Indication** | A visual alert within the events panel, annotating the service status for quick reference. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Whisper Alert Notifications** | A configurable pop-up notification for alerts. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Behavior Events** | Behavior-based event transactions and alerts. Most often used for Video Analytic alarms. | ✓ | - | - | - | ✓ | ✓ |
| **Custom Action (Button)** | A user-defined button that can be utilized as a trigger for workflow-based actions.  The button may be customized by the configuration user in both text and graphic icon. It will appear where assigned by group permissions on the Actions menu of the Side Panel. | ✓ | - | - | - | ✓ | ✓ |
| **Door Alert Message** | A visual alert within the events panel, annotating an alert from a related door alarm. | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (External Input Alert)** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined an event from a configured External Input device | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (System Alert)** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined an event from a System alert | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (RFID Alert)** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined an event from a configured RFID device | ✓ | - | - | - | ✓ | ✓ |

| | | ✓ | - | - | - | ✓ | ✓ |
|---|---|---|---|---|---|---|---|
| **Import Video from Source** | An ability to import video files (.mp4, .mov) from an external source such as a mobile phone, tablet, or web-camera.  The imported videos may be associated to a selected device and managed within the archive timeline for comparison against other camera objects during an investigation or search. | ✓ | - | - | - | ✓ | ✓ |
| **Live Stream Pop-up Alert** | Adjustable pop-up viewing window for streaming camera views from any module upon workflow alert. | ✓ | - | - | - | ✓ | ✓ |
| **Restrict Access (formerlly System Lockdown)** | An ability to "one-click" lockdown the video surveillance system enabling access for only select users (based on permission assignments) | ✓ | - | - | - | ✓ | ✓ |
| **Virtual Output Actions** | Ability to configure virtual output actions (daisy chain workflows) as part of a workflow | ✓ | - | - | - | ✓ | ✓ |

| Administrative Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Administration Module (Module) | Intuitive and detailed interface module for configuration and operational management of users, devices, and system parameters. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Administration (Bulk Edit) | Ability to bulk edit objects within Administration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Collection | Allows for cameras to be grouped together administratively for faster search and call-up in the selection of cameras in the camera viewer or archive modules. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Icon Set | A set of pre-loaded icons for interactive display on any map to represent different types of cameras or devices. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Mass Editing (Bulk Edit) | The ability to bulk edit multiple cameras at once. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Security Authentication | Provides the ability to utilize camera security credentials for viewing and administration. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Status Testing | An ability inside of camera configuration to test the camera stream status. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Timeout Value | Ability to custom define the amount of time when a service recognizes a camera stream as not connected (also known as a Timeout interval). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Camera Bitrate/Compression Quality Adjustment | An ability to set a value selection for compression quality (bitrate) if allowed per camera model for streaming bandwidth regulation. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Configuration Import/Export - Camera Model | An ability to Export and Import custom camera model configurations across different systems of Perspective VMS. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Copy Administration Records | A quick ability for users to copy administration records. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Custom Training URL | Offers users the ability to modify web-based training locations for end-users | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Customizable User Profile | Individual user profile customization options including: Default Layouts, Start-up Preferences, and Language Orientation. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---|---|---|---|---|---|---|---|
| **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 Perspective VMS | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Extended Tool Tips** | Enhanced or detailed tool tips that are provided to the user on hovering over an object or item. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Camera Support Tracking** | An ability to annotate reference information for support items per each camera object. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Mass Import/Upload** | Ability to upload cameras from a CSV (excel) file | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-Channel Camera Models** | Ability to configure multi-sensor / multi-channel cameras | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-login** | Provides the ability to allow multiple logins by one user to Perspective VMS. Also allows for this permission to be denied to users/groups. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Multi-View Layout Administration** | An ability to define and show/hide both default and custom multi-view arrangements | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Open in Administration** | Ability to open the camera administration (based on permissions) from the camera overlay | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Password Policy** | Ability to determine password policy qualifiers (character limit and type) for users and camera devices. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Preferred Default Aspect Ratio** | Allows user to select default / preferred aspect ratio for camera (workflows maps) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Printable Settings List** | Ability to print the system settings parameters. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Print-ready views** | Ability to print configuration views for easy site commissioning and reporting. Includes ability to define which columns and sort should appear in the view. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Rotate Camera Stream** | Ability to rotate a camera stream via VMS configuration. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Scheduled Access Login Limitation** | The ability to restrict users access to the VMS during selected schedules | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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|---|---|---|---|---|---|---|---|
| **Server Administration** | Provides the ability to define stand alone or distributed servers and administer their respective services from any instance of Perspective VMS. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Services Administration** | A configuration area within Perspective VMS to monitor and administer actions performed on PVMS Services such as Start, Stop, and Restart | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Support Information Administration** | An area within system settings for administering support information | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Universal Camera Model Driver** | Perspective VMS allows users to define or setup custom camera model configurations via HTTP or RTSP command strings. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **User Default Archive Module Preferences** | Allows each user the ability to define default timeline start time and interval. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **User Default Map Selection** | Provides the user the capability to select their own default map when logging into the Perspective VMS. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **User Defined Schedules** | A schedule interface tool designed for event/action parameters but that will also customize further the times to record, archive, search for motion or other items. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **User Groups** | Groups allow multiple users to share the same permissions sets for efficient administration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **User Inactivity Auto Expiration** | Ability to set a configurable automatic expiration on user accounts who have not accessed the system in a number of days. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **User Mass Editing (Bulk edit)** | Ability to edit multiple user profiles at once (bulk edit). | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Archive Stores** | Archive Stores provide the ability to dynamically store archived video across one or multiple drive volumes. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Archive Threshold Control** | An ability that allows a user to determine the condition to remove archives (number of target days achieved or based on drive space only). | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Icons** | Offers users the ability to upload custom icons for use in the map layout design. | ✓ | - | ✓ | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---------|-------------|---|---|---|---|---|---|
| **Custom MJPEG Archive Settings** | Provides the ability in configuration to customize Frames Per Second (FPS), Motion Sensitivity, and Overlay controls for any custom camera. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Video (H.264/MPEG4) Settings** | Provides the ability in configuration to customize Frames Per Second (FPS), and Overlay controls for any custom camera. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Video (Image) Archive Settings** | Provides the ability in configuration to customize Frames Per Second (FPS), and Overlay controls for any custom camera. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Custom Motion Sensitivity** | Ability to adjust the motion sensitivity is the amount of change in percent between two concurrent frames. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Map Layout Designer (Keyboard Controls)** | Ability to utilize keyboard shortcuts to position cameras (fine-tune) on a map | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Snapshot Preview** | Provides a snapshot preview (or live stream) of the camera as it's being placed into the map | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Archive Lock Management** | Ability to administer, create and delete archive locks | ✓ | - | - | - | ✓ | ✓ |
| **Camera Password Management** | Ability to push camera passwords generated in Perspective VMS to the camera | ✓ | - | - | ✓ | ✓ | ✓ |
| **Camera Security Profiles** | Ability to associate a password profile policy to camera security | ✓ | - | - | ✓ | ✓ | ✓ |
| **Custom Icons** | Offers users the ability to upload custom icons for use in the map layout design. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Last Login Report** | Provides administrators with at-a-glance "last-login" reporting and audit of users who have logged into Perspective. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Pre-defined Acknowledge Responses** | Ability to set pre-defined responses to alarm/alert acknowledgements. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Unlimited Archive Settings** | Provides the ability in configuration to customize Frames Per Second (FPS), Motion Sensitivity, and Overlay controls for any custom camera. | ✓ | - | - | ✓ | ✓ | ✓ |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Archive STORE Location File Check** | Ability to check and automate creation of a PowerShell script for removal of any archive location for any folders or files that are not cataloged in the database as valid archive files. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Action Button Trigger** | The ability to initiate/trigger a programmable action (via workflow routine) based on an action button. | ✓ | - | - | - | ✓ | ✓ |
| **Analytic Rules** | Ability within the Integrations section of Administration for naming and associating analytic rules with cameras for use in alerts and workflows. | ✓ | - | - | - | ✓ | ✓ |
| **Antennas (RFID)** | Ability within the Integrations section of Administration for naming and associating RFID Antennas with cameras for use in alerts and workflows. | ✓ | - | - | - | ✓ | ✓ |
| **Automatic Event Purging** | The ability to schedule and purge image snapshots of past events from the database at a desired number of days. | ✓ | - | - | - | ✓ | ✓ |
| **Automated Real-Time Extraction** | An ability for PVMS to automate a manual recording (Real-Time Extraction) for a period of defined time based upon a triggered event as part of a workflow. | ✓ | - | - | - | ✓ | ✓ |
| **Autonomous Distributed Archive Management (ADAM)** | Ability for full autonomous archive management (creation, deletion, protection of archive locks and all other archive management features) regardless of consistent network connectivity to a central database. ADAM allows for remote transaction logging of.. | ✓ | - | - | - | ✓ | ✓ |
| **Conditions Setup - GUI** | Ability to define scheduling conditions for enabling a workflow which consists of defined triggers and customized actions. | ✓ | - | - | - | ✓ | ✓ |
| **Devices** | Ability within the Integrations section of Administration for naming and associating 3rd party security devices with cameras for use in alerts and workflows. | ✓ | - | - | - | ✓ | ✓ |

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|---|---|---|---|---|---|---|
| **Enhanced Recording** | An ability for PVMS to enhance normal camera configurations (FPS and Resolution) to a changed state on trigger-able (alarm/alert) conditions defined in a workflow. | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (Behavioral)** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined an event from a configured behavioral analytic device | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (Camera)** | The ability to initiate/trigger a programmable action (via workflow routine) based a defined an event from a camera | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (Camera Input)** | The ability to initiate/trigger a programmable action (via workflow routine) based a defined an input event from a camera | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (Door Alert)** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined an event from a configured Door device | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (Multiple Cameras)** | The ability to initiate/trigger a programmable action (via workflow routine) based a defined an event from multiple cameras selected at once | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger (White list / Black list)** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined an event from a configured control list | ✓ | - | - | - | ✓ | ✓ |
| **Event-based Trigger - GUI** | The ability to initiate/trigger a programmable action (via workflow routine) based an defined event such as an input, video analytic, or system message. | ✓ | - | - | - | ✓ | ✓ |
| **External Notifications** | An ability to notify externally of PVMS (such as email) on trigger-able (alarm/alert) conditions defined in a workflow. | ✓ | | | | | |
| **Imported Videos Administration** | An ability to manage imported video information within the Administration module. | ✓ | - | - | - | ✓ | ✓ |
| **Integration Data Synchronization (Job)** | Ability to set frequency of data synchronization for integration connectors | ✓ | - | - | - | ✓ | ✓ |

| Interface Actions (GUI) | Ability to configure a user interface action as part of a workflow | ✓ | - | - | - | ✓ | ✓ |
|---|---|---|---|---|---|---|---|
| Logon-based Trigger | The ability to initiate/trigger a programmable action (via workflow routine) based on a users login. | ✓ | - | - | - | ✓ | ✓ |
| Multi-Store Archiving | Ability to designate a primary archive storage area and a secondary archive storage area which may act independently using individual camera streams for archiving at individual parameters (FPS, Resolution) over varying storage settings. | ✓ | - | - | - | ✓ | ✓ |
| Output Actions | Ability to configure device output actions as part of a workflow | ✓ | - | - | - | ✓ | ✓ |
| PTZ Action | An ability to move to a PTZ preset as a result of a workflow on trigger-able (alarm/alert) conditions defined in a workflow. | ✓ | - | - | - | ✓ | ✓ |
| Secondary Archiving Configuraition | Ability to archive a second continuous archive at a configurable frame per second on all motion-based archiving | ✓ | - | - | - | ✓ | ✓ |
| UI Action - Archive Module | The ability to configure an action (of a workflow) to navigate user(s) or group(s) to the Archive module and select a desired camera view and pre-event time parameter for viewing that camera arrangement. | ✓ | - | - | - | ✓ | ✓ |
| UI Action - Audible Alert | Ability to configure audible alerts as a part of a workflow. | ✓ | - | - | - | ✓ | ✓ |
| UI Action - Camera Viewer | The ability to configure an action (of a workflow) to navigate user(s) or group(s) to the Camera Viewer module with a selected camera view/arrangement. | ✓ | - | - | - | ✓ | ✓ |
| UI Action - Maps Module | The ability to configure an action (of a workflow) to navigate user(s) or group(s) to the Maps module and select a desired map for immediate view. | ✓ | - | - | - | ✓ | ✓ |
| UI Action - Reporting Module | The ability to configure an action (of a workflow) to navigate user(s) or group(s) to the Reports module and select a desired report for immediate view. | ✓ | - | - | - | ✓ | ✓ |

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|---|---|---|---|---|---|---|---|
| **UI Action - Welcome Module** | The ability to configure an action (of a workflow) to navigate user(s) or group(s) to the Welcome module. | ✓ | - | - | - | ✓ | ✓ |
| **Workflows** | Workflows are a logical association of objects, triggers, conditions and actions that allow for integration of physical and logical inputs into on-screen display actions or other notification alerts. | ✓ | - | - | - | ✓ | ✓ |
| **Workflows by Camera** | An administrative view for showing cameras configured in a workflow. | ✓ | - | - | - | ✓ | ✓ |
| **Workflows by User** | An administrative view for showing users configured in a workflow. | ✓ | - | - | - | ✓ | ✓ |
| **Workflows Editor - GUI** | Workflows are a logical association of objects, triggers, conditions and actions that allow for integration of physical and logical inputs into on-screen display actions or other notification alerts. | ✓ | - | - | - | ✓ | ✓ |
| **Distributed Services Failover** | Ability to configure fail-over services on alternative servers for increased system redundancy | ✓ | - | - | - | - | ✓ |
| **Fleet Stations** | Ability to associate fleet vehicles with transmitting stations objects for organizational purposes. | ✓ | - | - | - | ✓ | ✓ |
| **Fleet Vehicles** | Ability to create vehicle objects for association of cameras to inputs and metadata. | ✓ | - | - | - | ✓ | ✓ |
| **Private Labeling** | Ability to modify the user-interface with private labeling options | ✓ | - | - | - | ✓ | ✓ |
| **Web Services Architecture Failover** | Ability to configure fail-over web services on alternative servers for increased system redundancy | ✓ | - | - | - | ✓ | ✓ |

| Reports | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Acknowledge Response Reports | Exportable reports for event acknowledgement / responses by users | ✓ | - | - | ✓ | ✓ | ✓ |
| Associated Schedules Report | Filterd report that shows the relationship between selected schedules and cameras | ✓ | - | - | ✓ | ✓ | ✓ |
| Audit Trail / Access Log Report | Accessible audit trail report of users actions and history | ✓ | - | - | ✓ | ✓ | ✓ |
| Camera Access Report | An ability to run a report show all Users with access to a list of cameras. | ✓ | - | - | ✓ | ✓ | ✓ |
| Camera API Report | A report showing all cameras with camera ID and description | ✓ | - | - | ✓ | ✓ | ✓ |
| Cameras Reports | An ability to run a report showing cameras and archiving locations. | ✓ | - | - | ✓ | ✓ | ✓ |
| Cameras Service Report | An ability to run a report showing cameras marked as Out-of-Service | ✓ | - | - | ✓ | ✓ | ✓ |
| Camera Snapshots (Image Portfolio) Report | A printable report that shows the image snapshot of each camera in the system for assessing camera image quality, focus and field-of-view. | ✓ | - | - | ✓ | ✓ | ✓ |
| Camera Status Report | An exportable status report of current camera status along with support reference information. | ✓ | - | - | ✓ | ✓ | ✓ |
| Configuration Reports | An area inside of the reports module for launching the administration print-views and configuration reports | ✓ | - | - | ✓ | ✓ | ✓ |
| EULA Report | Provides the ability to generate a report for all users who have agreed to the End User License Agreement. | ✓ | - | - | ✓ | ✓ | ✓ |
| Group Permissions Report | An ability to run a report show all Groups and inherent permissions of each group for reference. | ✓ | - | - | ✓ | ✓ | ✓ |
| Logon Acceptance Message Report | Provides the ability to generate a report for all users who have agreed to the Custom Logon Message Agreement. | ✓ | - | - | ✓ | ✓ | ✓ |
| Access Log Query | Ability to track users activities within Perspective VMS | ✓ | - | - | ✓ | ✓ | ✓ |
| Reporting Module (Module) | Provides the ability to launch data reports within the Perspective VMS application. | ✓ | - | - | ✓ | ✓ | ✓ |

| Feature | Description | | | | | | |
|---|---|---|---|---|---|---|---|
| **Reporting Module (Module)** | The Reporting Module provides the ability to launch configurable filtered reports showing system information and event transactions within Perspective VMS. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Users Report** | An ability to run a report show all Users and their last activity. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Server Health Report** | Exportable status report of current server status along with support reference information. | ✓ | - | - | ✓ | ✓ | ✓ |
| **Archiving History Report** | Ability to report on statistical information in graphical format of archive storage utilization per day. | ✓ | - | - | - | ✓ | ✓ |
| **Archiving Status Report** | An exportable status report of all active camera's archiving statistics including:  Camera Name, Model, IP Address, Archviing Server, Store Location, Oldest Archive Date, Newest Archive Date, Missing Dates, Archive Span, Archive Schedule, Archive Codec, Retention, Motion %, Storage per Day, Total Storage Used, Archive Lock Status. | ✓ | - | - | - | ✓ | ✓ |
| **Connectors Status Report** | A report to illustrate the updated status of an integration connection via external service. | ✓ | - | - | - | ✓ | ✓ |
| **Custom Reports** | Ability to save custom report filters and configurations | ✓ | - | - | - | ✓ | ✓ |
| **Heat Map Report** | Report illustrating the Heat Map analytic results from Video Analytic integration | ✓ | - | - | ✓ | ✓ | ✓ |
| **Line Crossing Report (Axis)** | Exportable reports for a line crossing analytic on Axis cameras. | ✓ | - | - | - | ✓ | ✓ |
| **Motion Path Report** | Report illustrating the Motion Path analytic results from Video Analytic integration | ✓ | - | - | ✓ | ✓ | ✓ |
| **License Plate Report** | Report illustrating the LPR events along with the plate and vehicle images | ✓ | - | - | - | ✓ | ✓ |
| **RFID Reports** | Ability to filter RFID data and run printable RFID transaction reports. | ✓ | - | - | - | ✓ | ✓ |
| **RFID Tag Inventory Report Undo** | Ability to filter RFID data and run printable RFID Tag Inventory reports. | ✓ | - | - | - | ✓ | ✓ |
| **RFID Device Transactions Report** | Ability to filter RFID data and run printable RFID device transaction reports. | ✓ | - | - | - | ✓ | ✓ |

| | | Trial | Command | Express | Standard | Professional | Enterprise |
|---|---|---|---|---|---|---|---|
| **Store Status - Archiving Storage Deficit (Analysis) Report** | A report showing archiving storage deficits based on archiving targets, actual archive span, and storage capacity. | ✓ | - | - | - | ✓ | ✓ |
| **System Schedules Report** | Filterd report that shows the relationship between selected schedules and cameras | ✓ | - | - | - | ✓ | ✓ |
| **Archive Copy Progress Report** | Report illustrating the archive copy progress for all remote cameras | ✓ | - | - | - | - | ✓ |
| **Remote Sites License Report** | Report illustrating remote sites' license information | ✓ | - | - | - | - | ✓ |
| **Workflow History Report** | Report showing historical transaction log of workflow events initiated by trigger with date/time. | ✓ | - | - | - | ✓ | ✓ |
| **Workflows with Cameras Report** | A report listing each workflow and associated camera(s) | ✓ | - | - | - | ✓ | ✓ |
| **Workflows with Users Report** | A report listing each workflow and associated user(s) | ✓ | - | - | - | ✓ | ✓ |
| **Fleet Reports** | An area inside of the reports module for launching the fleet reports | ✓ | - | - | - | ✓ | ✓ |
| **Vehicle Camera Health Status Report** | Ability to generate health reports on camera health of remote fleet devices | ✓ | - | - | - | ✓ | ✓ |
| **Archive Details Report** | Report showing the archives details (resolution and FPS) for each camera | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Mobile** | **Description** | **Trial Edition** | **Command Edition** | **Express Edition** | **Standard Edition** | **Professional Edition** | **Enterprise Edition** |
| **Android Mobile App Connection** | Provides the ability to view Perspective VMS installations on a mobile device | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **iOS Mobile App Connection** | Provides the ability to view Perspective VMS installations on a mobile device | ✓ | - | ✓ | ✓ | ✓ | ✓ |

| Camera Integrations | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **OnVIF Profile-S Integration** | An ONVIF device compliant to the Profile S is an ONVIF device that sends video data over an IP network to a client. The Profile S also includes support for PTZ, audio and metadata streaming, and relay outputs if those features are present on the device. ... | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Cameras Compatiability (Various)** | For a full list of compatible cameras, reference the Perspective VMS Camera Compatiblity Guide | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Analog Encoder Integration (ACTi)** | Ability to utilize encoders for Analog Camera Integration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Analog Encoder Integration (Axis)** | Ability to integrate with Axis Analog Encoders to incorporate hybrid analog and IP systems together. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Analog Encoder Integration (Bosch)** | Provides ability to integrate to Bosch (BVIP) Encoders | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Panamorph De-warping (Immervision)** | Ability to deworp and navigate (server-side) video from a compatible IP camera with a Panamorph lens | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Pelco Analog PTZ (Pelco D) Support** | Ability to support integration with analog Pelco-D PTZ control signals | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Audio streaming integration (Axis)** | Audio Integration for all general Axis camera models | - | - | - | ✓ | ✓ | ✓ |
| **Audio streaming integration (HIK)** | Audio Integration for general HIK Vision cameras | - | - | - | ✓ | ✓ | ✓ |
| **Audio streaming integration (IQEye)** | Audio Integration for all general IQinVision camera models | - | - | - | ✓ | ✓ | ✓ |
| **Audio streaming integration (Mobotix)** | Ability for audio streaming for Mobotix Cameras | - | - | - | ✓ | ✓ | ✓ |
| **Audio Support (Toshiba)** | Audio Integration for general Toshiba cameras | - | - | - | ✓ | ✓ | ✓ |
| **Audio out Integration (Axis)** | Audio Integration for all general Axis camera models | - | - | - | - | ✓ | ✓ |
| **Audio out Integration (IQinVision)** | Audio out Integration for all general models | - | - | - | - | ✓ | ✓ |
| **Axis Cross Line Detection** | Allows for the incorporation of Cross-Line Analytic behavior from Axis Communications to Perspective VMS. | - | - | - | - | ✓ | ✓ |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Edge-based Motion Detection (Axis)** | Ability to support edge-based Motion Detection alerts for Axis | - | - | - | - | ✓ | ✓ |
| **Edge-based Motion Detection (HIK)** | Edge based motion events for all general HIK Vision cameras | - | - | - | - | ✓ | ✓ |
| **Edge-based Motion Detection (IQEye)** | Ability to support edge-based Motion Detection alerts for Vicon (IQinVision) | - | - | - | - | ✓ | ✓ |
| **Edge Archiving (Axis)** | Ability to record and recall edge based storage on Axis Cameras | - | - | - | - | ✓ | ✓ |
| **Edge Archiving (BST)** | Ability to record and recall edge based storage on BST Cameras | - | - | - | - | ✓ | ✓ |
| **Edge Archiving (Dahua)** | Ability to record and recall edge based storage on Dahua Cameras | - | - | - | - | ✓ | ✓ |
| **Edge Storage (Hanwha)** | Ability to record and recall edge based storage on Hanwha Cameras | - | - | - | - | ✓ | ✓ |
| **Edge Storage (HIK)** | Ability to record and recall edge based storage on HIK Cameras | - | - | - | - | ✓ | ✓ |
| **Edge Storage (ONVIF)** | Ability to record and recall edge based storage onONVIF based devices | - | - | - | - | ✓ | ✓ |
| **External Audio Stitching** | Provides the ability to combine an external audio source (secondary IP source) with camera | - | - | - | - | ✓ | ✓ |
| **ONVIF Camera Discovery** | Provides administrators and systems integrators the ability to add cameras directly from the network using a discovery tool. (Applicable to cameras that are ONVIF-ProfileS compliant). | - | - | - | - | ✓ | ✓ |

| Integration Options | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **REST API** | Provides the ability to query Perspective VMS database records like Camera, Servers, Devices and Events | ✓ | - | - | - | ✓ | ✓ |
| **Camera Service** | Provides third-party systems the bility to get live and archive video streams from any camera in RTSP format | ✓ | - | - | - | ✓ | ✓ |
| **Pass-through Login** | Provides third-party systems the ability to open Perspective VMS web application, as a new windows or embedded in an iframe, and pass the login details as query string parameters | ✓ | - | - | - | ✓ | ✓ |

| Access Control Integrations | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Access Control Integration - Events | Ability to receive events from integrated Physical Access Control System (PACS) software. | ✓ | - | - | - | ✓ | ✓ |
| Access Control Integration - Cardholder Image Importing | Ability to import cardholder images for cross reference to video data | ✓ | - | - | - | ✓ | ✓ |
| BadgePass ACS - Pull Events | Ability to Integrate and pull events from BadgePass Access Control Systems | ✓ | - | - | - | ✓ | ✓ |
| BadgePass ACS - Door control | Ability to control (lock, unlock, pulse) doors from BadgePass Access Control Systems | ✓ | - | - | - | ✓ | ✓ |
| CredoID - Pull Events | Ability to Integrate and pull events from CredoID Access Control Systems | ✓ | - | - | - | ✓ | ✓ |
| CredoID - Device Import | Ability to import door devices into the administration configuration of PVMS from the Access Control database | ✓ | - | - | - | ✓ | ✓ |
| CredoID - Cardholder Image Importing | Ability to import cardholder images from CredoID Access Control software. | ✓ | - | - | - | ✓ | ✓ |
| DNA Fusion Integration - PACS Video Call-up | Integration Feature that calls up video within Open Options DNA Fusion (Access Control) | ✓ | - | - | - | ✓ | ✓ |
| Morpho Track - Pull Events | Ability to pull events from a MorphoTrack reader | ✓ | - | - | - | ✓ | ✓ |
| RS2 - AccessIt! - Door Control | Ability to control (lock, unlock, pulse) door controls within AccessIt! Access Control from RS2 | ✓ | - | - | - | ✓ | ✓ |
| RS2 - Access It! Universal Integration | Integration with Access Control | ✓ | - | - | - | ✓ | ✓ |
| RS2 - Access It! Device Import | Ability for importing of door readers from AccessIt! Systems | ✓ | - | - | - | ✓ | ✓ |
| RS2- AccessIt! - Cardholder Image Importing | Ability to import cardholder images from RS2 AccessIt! Access Control software. | ✓ | - | - | - | ✓ | ✓ |
| RS2 - AccessIt! - Door Status Monitoring | Ability to monitor Accessit access control door status | ✓ | - | - | - | ✓ | ✓ |
| S2 Enterprise Integration - Pull Events | Integration of S-2 Enterprise PACS for association of Access Control events and managed video surveillance | ✓ | - | - | - | ✓ | ✓ |
| S2 Netbox Intgration - Pull Events | Integration of S-2 NetBox PACS for association of Access Control events and managed video surveillance. | ✓ | - | - | - | ✓ | ✓ |

| Feature | Description | | | | | | |
|---|---|---|---|---|---|---|---|
| **Suprema Face Station - Events** | Ability to pull (as events) Access Control transactions from Suprema Face Station Access Control System by Suprema. | ✓ | - | - | - | ✓ | ✓ |
| **Suprema Face Station - Device Access Control** | Ability to send commands (i.e. Lock/Unlock) to devices within integrated the Suprema Face Station Access Control System (PACS) software from Suprema | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy - Event Integration** | Integration Feature for System Galaxy control panel and reader event display in Perspective VMS | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy Integration - PACS Video Call-ups** | Ability to communicate via API for event transactions with System Galaxy by Galaxy Control Systems. | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy Integration - Door Control** | Ability to control (lock, unlock, pulse) door controls within System Galaxy Access Control systems | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy - SignalR Integration** | Ability to integrate with actions and events with System Galaxy using SignalR communications | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy - Device Import** | Ability to import door devices into the administration configuration of PVMS from the Access Control database | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy - Cardholder Image Importing** | Ability to import cardholder images from System Galaxy Access Control software. | ✓ | - | - | - | ✓ | ✓ |
| **System Galaxy - Door Status Monitoring** | Ability to monitor System Galaxy access control door status | ✓ | - | - | - | ✓ | ✓ |
| **TDSi Integration - Pull Events** | Integration of TDSi readers for event association to cameras | ✓ | - | - | - | ✓ | ✓ |
| **Gallagher - Pull Events** | Ability to integrate and pull events from Gallagher access control | ✓ | - | - | - | ✓ | ✓ |
| **Gallagher - Device Import** | Ability to import door devices into the administration configuration of PVMS from the Access Control database | ✓ | - | - | - | ✓ | ✓ |
| **Gallagher - Device Control** | Ability to control (lock, unlock, pulse) door controls within Gallagher Access Control | ✓ | - | - | - | ✓ | ✓ |
| **Gallagher - Cardholder Image Importing** | Ability to import cardholder images from Gallagher Access Control software | ✓ | - | - | - | ✓ | ✓ |
| **Gallagher - Door Status Monitoring** | Ability to monitor Gallagher Access Control door status | ✓ | - | - | - | ✓ | ✓ |

| Video Analytic | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Area of Interest - Motion Detection | Provides the user the ability to define the area of interest for motion detection. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Fast-Find (H264/MPEG) | 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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Fast-Find (MJPEG) | 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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Fast-Find (Image) | 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. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Multiple Areas of Interest - Motion Detection | Provides the user the ability to define multiple areas of interest for motion detection. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| Facial Recognition | Server-based Video Analytic | ✓ | - | - | - | ✓ | ✓ |
| Aureus 3D Facial Recognition Integration | Ability to incorporate facial recognition results from CyberExtruder Aureus 3D Facial Recognition application | ✓ | - | - | - | ✓ | ✓ |
| Smart Face - Facial Recognition Integration | Ability to incorprate facial recognition results from Innovatrics Smart Face Facial Recognition application | ✓ | - | - | - | ✓ | ✓ |
| Priority Zones - Motion Detection | Provides the user the ability to define priority levels for motion detection zones. | ✓ | - | - | ✓ | ✓ | ✓ |
| Agent Vi Edge Analytic Integration | Integration with Agent Vi Video Analytics | ✓ | - | - | - | ✓ | ✓ |
| Integrated Video Analytics | Ability to incorporate 3rd-party behavior-based video analytics within the Perspective VMS Events container | ✓ | - | - | - | ✓ | ✓ |
| Area Counting | Server-based analytic for the counting and collection of the number and the dwell time of persons within virtual areas, and for each area signaling of the presence of a number of person higher than a defined threshold | ✓ | - | - | - | ✓ | ✓ |

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|---|---|---|---|---|---|---|---|
| **ATM** | Server-based analytic for the detection and signaling of one or more than one persons who remain within a virtual area for longer than a defined time | ✓ | - | - | - | ✓ | ✓ |
| **AV Speed** | Server-based analytic for the estimation and collection of the average speed of vehicles crossing double virtual gates, and for each double gate signaling of average speed lower or higher than a defined threshold | ✓ | - | - | - | ✓ | ✓ |
| **Counting** | Server-based analytic for the counting and collection of the number of subjects of interest crossing virtual gates in a certain direction | ✓ | - | - | - | ✓ | ✓ |
| **Face Mask Detection** | Server-based Video Analytic | ✓ | - | - | - | ✓ | ✓ |
| **Gate Flow** | Server-based analytic for the counting and collection of the number of persons crossing virtual gates in a certain direction | ✓ | - | - | - | ✓ | ✓ |
| **Hot Zones** | Server-based analytic for the estimation and collection of the percentage of occupancy of virtual areas by subjects of interest, and for each area signaling of an occupancy percentage higher than a defined threshold | ✓ | - | - | - | ✓ | ✓ |
| **Intrusion Detector / Trip-line** | Server-based analytic for the detection and signaling of the intrusion within virtual areas or the crossing of virtual lines in a certain direction by targets of interest | ✓ | - | - | - | ✓ | ✓ |
| **Loitering** | Server-based analytic for the detection and signaling of subjects of interest that remain within virtual areas for longer than a defined time | ✓ | - | - | - | ✓ | ✓ |
| **Occupancy Rate** | Server-based analytic for the estimation and collection of the percentage of occupancy of virtual areas by subjects of interest, and for each area signaling of an occupancy percentage higher than a defined threshold | ✓ | - | - | - | ✓ | ✓ |
| **Object Left Detector** | Server-based analytic for the detection and signaling of objects left unattended within virtual areas for longer than a defined time | ✓ | - | - | - | ✓ | ✓ |

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|---|---|---|---|---|---|---|---|
| **Panic Disorder** | Server-based analytic for the assessment of irregular behavior | ✓ | - | - | - | ✓ | ✓ |
| **Slip/Fall Detector** | Server-based analytic for the detection and signaling of a person who lies down and remains on the ground for longer than a defined time | ✓ | - | - | - | ✓ | ✓ |
| **Stolen Object** | Server-based analytic for the detection and signaling of objects removed from virtual areas | ✓ | - | - | - | ✓ | ✓ |
| **ALPR - License Plate Recognition Events** | Ability to support server-based automated license plate recognition (APLR) with optical character recognition (OCR). | ✓ | - | - | - | ✓ | ✓ |
| **ALPR - Plate Color Recognition** | Ability to support color recognition on the License Plate for departmental identification in select nations. | ✓ | - | - | - | ✓ | ✓ |
| **Open ALPR - License Plate Recognition Events** | Ability to incorprate license plate recognition results from Open ALPR | ✓ | - | - | - | ✓ | ✓ |
| **Open ALPR - Vehicle Classification** | Ability to support vehicle classification for license plate recognition events | ✓ | - | - | - | ✓ | ✓ |
| **Open ALPR - Connector Status** | Ability to retrieve the status of OpenALPR connector | ✓ | - | - | - | ✓ | ✓ |
| **Vaxtor - License Plate Recognition Events** | Ability to incorprate license plate recognition results from Open ALPR | ✓ | - | - | - | ✓ | ✓ |
| **Vaxtor - Vehicle Classification** | Ability to support vehicle classification for license plate recognition events | ✓ | - | - | - | ✓ | ✓ |

| Specialty Integrations | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| Open API/SDK | Provides the ability to render live streaming or archive playback at a set date/time in a controlled browser window of Perspective VMS based on an application programmable interface (API) call. Typically associated with Access Control or Intrusion Detection software systems. | ✓ | - | - | - | ✓ | ✓ |
| Active Directory (Read) | Active Directory Integration | ✓ | - | - | - | ✓ | ✓ |
| Commport UVSS Detection | Ability to receive events and video from CommPort's Under Vehicle Surveillance System | ✓ | - | - | - | ✓ | ✓ |
| JVA Energizer Connectors Integration | Ability to receive events from JVA Technologies Electric Fence | ✓ | - | - | - | ✓ | ✓ |
| Quantum Storage Integration | Ability to integrate for long term storage with Quantum Corporation Tape Storage Devices | ✓ | - | - | - | ✓ | ✓ |
| RAIN RFID Events | Ability to receive events and alerts with Impinj RFID connectors and devices | ✓ | - | - | - | ✓ | ✓ |
| Sicurit HyperPower Event Detection | Event detection from Sicurit HyperPower Perimeter detection | ✓ | - | - | - | ✓ | ✓ |
| Silence Sicurit HyperPower Alarms | Ability to silence Sicurit alarms | ✓ | - | - | - | ✓ | ✓ |
| Shotspotter - Events | Ability to provide event detail and geo location mapping for events generated from ShotSpotter's gunshot detection analytic. | ✓ | - | - | - | ✓ | ✓ |
| Soter - Vape Detector Event Integration | Ability to provide event detail and camera association with Soter Vape Detection. | ✓ | - | - | - | ✓ | ✓ |
| Syslog Devices | Ability to add syslog connections for SNMP communication. | ✓ | - | - | - | ✓ | ✓ |
| Halo Sensor - Pull Events | Ability to integrate and receive events from Halo Sensor | ✓ | - | - | - | ✓ | ✓ |
| Halo Sensor - Dashboard | Ability to view events received from Halo sensor in real time in the camera viewer | ✓ | - | - | - | ✓ | ✓ |
| Advanced Detection UVIS | Ability to integrate and receive event from Advanced Detection UVIS | ✓ | - | - | - | ✓ | ✓ |

| Services | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **Administration Service** | The Administration service monitors and checks drives for the right utilization; checks how much free space on the drive(s), and subsequently purge old archives or move them to a different offsite location. It is also responsible for importing and ensuring user synchronization between Active Directory and PVMS. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Health Monitor Service (Service)** | A Health Monitor Service which functions to check if system cameras defined in the VMS are up and running. If not, the service will notify the user about the offline status of the camera in question. The Service will also generate health report related to cameras, servers and other system components. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **HTML5 Compliant Adaptive Streaming (WebRTC)** | Ability to stream within a container supported by HTML5 compliant web browsers including Apple iOS using WebRTC | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Live Streaming (Proxy) - H264** | Ability to proxy camera streams via the streaming server to workstations where direct connection is unavailable using selectable H264 parameters | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Live Streaming (Proxy) - MotionJPG** | Ability to proxy camera streams via the streaming server to workstations where direct connection is unavailable. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SSL Support** | Ability to support SSL web services for enhanced browsing security. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Streaming Service (Service)** | A service that acts as an intermediary agent between PVMS and system cameras; it is mainly responsible for handling the streams and passing them to the system. It is also responsible for streaming the archives that are created using Archiving Service. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Camera Service** | A service that provides the ability to connect to camera through RTSP stream | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Archive Streaming** | Ability to stream recording video from the archive server (data repository) via the streaming server to a client workstation. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Archiving Service** | Archive Service provides for; archiving image and video streams from system cameras, handling image extraction requests from users and create archives/extractions accordingly, as well as managing live recording requests from users to capture camera video streams and encode them using H.264/MPEG-4 codec for optimal quality/size. | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **H.264 Archiving** | H.264 protocol for recording/archiving video | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Enhanced WebAssembly (WASM)** | The VMS shall have an ability to leverage Enhanced WebAssembly for managing archive playback per device | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Image Archiving** | Ability for snapshot image recording/archiving of video | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **Motion JPEG Archiving** | Motion-JPEG image recording/archiving of video | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **MPEG Archiving** | MPEG protocol for recording/archiving video | ✓ | - | ✓ | ✓ | ✓ | ✓ |
| **External System Service** | A service communicating independent packages from Perspective VMS to act as an intermediary communication agent between PVMS and 3rd party software/hardware applications (RFID, Video Analytics, Access Control, etc) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Event Engine Service** | Event Engine is a service that aggregates metadata from cameras and external systems, organizing detailed information about people, vehicles, and objects based on their attributes. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **SDK Service** | is a service that enable seamless integration with third-party systems through a lightweight messaging framework. Designed for efficient data exchange, similar to RabbitMQ, it ensures real-time communication and interoperability. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

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|---|---|---|---|---|---|---|---|
| **InterLink** | Ability to link multiple remote independent sites for integrated client management | ✓ | - | - | - | - | ✓ |
| **Dynamic Interlink** | Ability to link multiple remote sites for integrated client management without the need for static IP | ✓ | - | - | - | - | ✓ |

| Health | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|:---:|:---:|:---:|:---:|:---:|:---:|
| **Automated Database Size Maintenance** | An ability to automatically maintain a database size so that it does not exceed 10GB (for SQL Express Version deployments) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Camera Health Monitor Check Interval** | Ability to custom configure intervals and thresholds for health monitoring on Cameras, Servers, External Systems, and Drive Information | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Camera Health Status Email Alert Notification** | Ability for the system to detect and report via email health status exceptions such as non-responsive services, cameras offline, or excessive database size growth. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Critical Storage Store Alert** | Ability for the system to detect and report via email health status when critical storage space for a store is reached | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Database Health Status Email Alert Notification** | Ability for the system to detect and report via email health status exceptions such as non-responsive services, cameras offline, or excessive database size growth. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Drive Failure Status Email Alert Notification** | Ability for the system to detect and report via email health status exceptions if a store location path is inaccessible | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Health Jobs Scheduler** | Ability to custom configure intervals and thresholds for health monitoring on Cameras, Servers, External Systems, and Drive Information | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Operating System Health Status Email Alert Notification** | Ability for the system to detect and report via email health status exceptions such as non-responsive services, cameras offline, or excessive database size growth. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Server Health Status Email Alert Notification** | Ability for the system to detect and report via email health status exceptions such as non-responsive services, cameras offline, or excessive database size growth. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **System Health Status Email Alert Notification** | Ability for the system to detect and report via email health status exceptions such as non-responsive services, cameras offline, or excessive database size growth. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Archive Maintenance Check** | Ability for the system to check archive table database index and run maintenance routine if needed. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **Interlink Event Synchronization** | Ability for the system to synchronize events from remote sites. | ✓ | ✓ | ✓ | - | ✓ | ✓ |

| Fleet Features | Description | Trial Edition | Command Edition | Express Edition | Standard Edition | Professional Edition | Enterprise Edition |
|---|---|---|---|---|---|---|---|
| **Fleet Security Management Module (module)** | Ability to manage multiple fleet vehicles/devices centrally for viewing video across a timeline of events and including the ability for vehicle incident export. | ✓ | - | - | - | ✓ | ✓ |
| **Idle Time Event (Fleet)** | Ability to auto calculate and tag vehicle idle time in the fleet module event timeline | ✓ | - | - | - | ✓ | ✓ |
| **Import Vehicle Incident** | Ability to schedule vehicle incident imports from fleet recorders | ✓ | - | - | - | ✓ | ✓ |
| **Print Route** | Ability to print a route driven over a period of time | ✓ | - | - | - | ✓ | ✓ |
| **Vehicle Incident Events** | Ability to store vehicle video incidents for retrieval end extraction. | ✓ | - | - | - | ✓ | ✓ |
| **Virtual Vehicle Speedometer** | Ability to track of vehicle's speed during transit route in association with video | ✓ | - | - | - | ✓ | ✓ |