

LENSEC, LLC.

PERSPECTIVE VMS

Release Notes (Version 2.0.0)

LENSEC, LLC.

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RELEASE NOTES (VERSION 2.0.0)

Release Notes – Perspective VMS™

Thank you for choosing to install **Perspective Video Management Software (VMS) Version 2.0.0**.

LENSEC LLC, a leader in video surveillance management software, has designed Perspective VMS as an intuitive, feature-rich, scalable, and yet fully flexible platform for monitoring and interrogating video surveillance cameras and devices. Our latest release (Version 2.0.0) was first made available for installation on 03/17/2014.

This document is designed to provide an informational overview of features and issues that may be relevant to your installation of Perspective VMS.

1. Introduction

Perspective VMS Version 2.0.0 provides several new and enhanced features building upon the long running success of LENSEC's K12M and LENSEC VMS software platforms.

1.1. Scope

The release notes pertain to installations of Perspective VMS Enterprise, Standard, Express, Command View, and Trial Editions Version 2.0.0. Separately available is documentation for general use and installation of Perspective VMS.

2. System Requirements

2.1. Client-Side Operating Systems and Browsers Supported

Perspective VMS operates within the Microsoft® Silverlight™ platform and can be run as a client version through standard web-browsers including Microsoft Internet Explorer, Firefox by Mozilla, and Google Chrome.

Client Recommendations

Hardware	Software
Processor: 2.4 GHz (x64 Processor) or 1.3GHz (Dual Core).	Windows 7 or above (Recommended Windows 7)
Memory: Minimum 4 GB RAM.	Mac OSX or higher (Recommended OSX Lion)
Available Disk Space: Minimum 10 GB.	Internet Explorer 9.0 and above (Recommend IE 11.0)
Display: SXGA (1280 x 1024) or higher resolution	Google Chrome 10.0 and above (Recommended 34.0)
	Mozilla Firefox 4.0 and above (Recommended 6.0).
	Microsoft Silverlight 5.0

2.2. Server System Requirements

Web Server*

Hardware	Software
Processor: 2.4 GHz (x64 Processor) or 1.3GHz (Dual Core).	Windows 2008 Server or above (Recommended Windows Server 2012).
Memory: Minimum 8 GB RAM.	Internet Information Services 7 or greater.
Available Disk Space: Minimum 320 GB	MIME Types: .xap and .xaml files.
OS Partition (if applicable): Minimum 40 GB	Microsoft .NET Framework 4.5.
Network Interface Controller: Minimum 1GB	

Archive/Streaming Server*

Hardware	Software
Processor: 2.4 GHz (x64 Processor) or 1.3GHz (Dual Core). Memory: Minimum 8 GB RAM. Available Disk Space: Minimum: 320 GB OS Partition (if applicable): Minimum 20 GB Network Interface Controller: Minimum 1GB	Windows 2008 Server or above (Recommended Windows 2012 Server). Internet Information Services 6 or greater. MIME Types: .xap and .xaml files. Microsoft .NET Framework 4.5.

Database Server*

Hardware	Software
Processor: 1.0 GHz. Memory: Minimum 8 GB RAM. Available Disk Space: Minimum: 320 GB.	Windows 2008 Server or above (Recommended Windows 2012 Server). Microsoft SQL Database Server 2005/2008/2012 (Express/Standard/Enterprise)

* All services may be installed on a single stand-alone server

2.3. Server-based Software Prerequisites

2.3.1. Internet Information Services (IIS)

Internet Information Services with the following roles are required to host the application:

- Application Development
 - ASP.NET
 - .NET Extensibility (prerequisite for ASP.NET)
 - ISAPI Extensions (prerequisite for ASP.NET)
 - ISAPI Filters (prerequisite for ASP.NET)
 - CGI
- Security
 - Windows Authentication
- IIS 7 Management Compatibility

2.3.2. .NET Framework 4.x

PVMS is built on top of Microsoft's Silverlight Application Framework which requires .NET Framework 4.x to operate.

2.3.3. Silverlight 5.0

PVMS is built on top of Microsoft's Silverlight Application Framework which requires Silverlight 5.0 to operate as a client.

3. Features

3.1.1 New Features, Bug-fixes, and Enhancements

Perspective VMS 2.0.0 is a Major Release update to Perspective VMS 1.x. There exist new feature additions, feature enhancements and maintenance items, which include:

Product Feature Name	Description
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.
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.
Enhanced Archiving and Archive Management (FIFO Deletion)	Removes the risk for errant archive deletion upon a database connection failure while the administration service is running.
Enhanced Active Directory Integration	Adds the ability to incorporate group permissions from Active Directory into Perspective VMS during the synchronization process.
Camera/Archive Location Reports	Adds a report that associates cameras with archiving location.
Enhanced H.264 parameters for Axis Cameras	Adds the ability to record variable frame rates for Axis cameras using the H.264 codec.
Improved Install Shield experience	Adds the ability to configure windows user settings and create application shortcuts during the installation.
Improved Archive Module Timeline	Corrects an error where not all archive days appear on the timeline.
Improved PTZ management of Direct Connection	Corrects an error where PTZ cameras in Direct-mode may become inoperable upon edit.
Enhanced Out-of-Browser user management	Corrects an error where a user logged into the Out-of-Browser application is not cleared from the Active Sessions.
Enhanced camera model support	Various camera model enhancements for supported camera manufacturers.
Enhanced Error Management (Out-of-Browser, Neighboring Cameras, SQL Scheduling)	Various enhanced error message corrections and dialog descriptions.
Enhanced General User Interface	Various tool-tip and layout enhancements to improve the usability of the general layout and graphical-user-interface (GUI).

3.2.1 Full Product Feature List

A full product feature list can be found online at (http://www.lensec.com/library/Specs/PerspectiveVMS_FeaturesList_2_0_0.pdf)