

LENSEC, LLC.

PERSPECTIVE VMS

Release Notes (Version 1.5.0)

LENSEC, LLC.

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RELEASE NOTES (VERSION 1.5.0)

Release Notes – Perspective VMS™

Thank you for choosing to install **Perspective Video Management Software (VMS) Version 1.5.0**.

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 1.5.0) was first made available for installation on 01/14/2014.

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 1.5.0 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 1.5.0. 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 7.0 and above (Recommend IE 9.0)
Display: SXGA (1280 x 1024) or higher resolution	Google Chrome 10.0 and above (Recommended 27.0)
	Mozilla Firefox 4.0 and above (Recommended 6.0).

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 2008 R2 Server).
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 4.0.
	Microsoft SQL Database Server 2008 (Express/Standard/Enterprise).

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	Windows 2003 Server or above (Recommended Windows 2008 R2 Server). Internet Information Services 6 or greater. MIME Types: .xap and .xaml files. Microsoft .NET Framework 4.0. Microsoft SQL Database Server 2005/2008 (Express/Standard/Enterprise).

Database Server*

Hardware	Software
Processor: 1.0 GHz. Memory: Minimum 8 GB RAM. Available Disk Space: Minimum: 320 GB.	Windows 2003 Server or above (Recommended Windows 2008 R2 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 1.5.0 is a Production Release update to Perspective VMS 1.4.1 and has the following feature additions and enhancements.

Product Feature Name	Description
Automatic Event Purging	The ability to schedule and purge image snapshots of past events from the database at a desired number of days.
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.
Line Crossing Report (Axis)	Exportable reports for a line crossing analytic on Axis cameras.
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.
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.
Private Labeling	Ability to modify the user-interface with private labeling options
RFID Reports	Ability to filter RFID data and run printable RFID transaction reports.
SQL Server 2012 Express Integration	Provides the ability to operate and run using Microsoft SQL Server 2012 R2 (Express).
SQL Server 2012 Integration	Provides the ability to operate and run using Microsoft SQL Server 2012.
Windows 2012 Server - Client Support	Ability for Perspective VMS to operate as a client on Windows 2012 Server
Windows 2012 - Server Support	Ability for Perspective VMS to operate as a server on Windows 2012
Windows 8 - Server Support	Ability for Perspective VMS Server application to operate on Windows 8

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_1_5_0.pdf)