



Hardware and Software Requirements for Client Applications

IVS Enterprise Server Version 12.5+

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INTRODUCTION

Minimum Hardware Requirements Statement

Any recommendations regarding personal computers, servers and applications which may be implemented using RMG Networks software are based on RMG's experience and understanding of the customers' intended use of RMG products. As with any computer-based system, individual requirements and performance may vary. The optimal configuration of software and hardware may depend on a variety of factors, such as the configuration of the RMG software installed, outbound message activity, number and complexity of applications monitored, the size and complexity of the user program options selected, the amount and rate of delivery of the data to the personal computer where the Intelligent Visual Solutions (IVS) Enterprise Server (ES) system resides by other computer systems, and many other factors.

This document outlines specific selected products and application usage to determine the recommended minimum PC configurations for RMG client and server software. Unless otherwise specified, customer is responsible for provision and setup of any network/LAN devices and/or connections.

Hardware that does not meet the minimum requirements may result in varying degrees of performance degradation. RMG Technical Support may require bringing the hardware platform into compliance with stated specifications before support can be provided.

ES12.5+ HARDWARE AND SOFTWARE REQUIREMENTS FOR CLIENT

For server side requirements and all prior versions: www.rmgnetworks.com/company/requirements

IVS InView

Operating Systems	Windows 7sp1 (32/64 bit) Windows 8,8.1 (32/64 bit) Windows 10 Enterprise (32/64 bit)
Application Versions	IVS InView 12.5, 12.5.0.2, 12.5.1
Installation Type	MSI
Processor	2.0 GHz or faster Pentium 4-class CPU Dual Core 2Ghz or better recommended
Memory	2GB (3GB Recommended)
Hard Disk Storage	1-10GB hard drive space More may be required dependent on quantity and/or file sizes of digital assets (video and graphic files)
Low End Graphic Hardware	Intel 945 chipset or equivalent
High End Graphic Hardware	ATI HD 5670+ series graphics
.NET Framework	.NET 4.0
Media Player	Windows Media Player 10 or higher
Language Version	English
Network	10/100/1000 Ethernet LAN
Other	NTFS file system Latest Windows updates and service packs Latest available videos drivers from vendor MS XML v6.0
Installation Notes	Please refer to the InView user manual for packaging options. http://support.rmgnetworks.com/documentation/12.5_IVS_InView.pdf

IVS InView Screen Saver

Operating Systems	Windows 7sp1 (32/64 bit) Windows 8,8.1 (32/64 bit) Windows 10 Enterprise (32/64 bit)
Application Versions	IVS InView Screen Saver 12.5.1
Installation Type	EXE
Processor	2.0 GHz or faster Pentium 4-class CPU Dual Core 2Ghz or better recommended
Memory	1GB (2GB Recommended)
Hard Disk Storage	1-10GB hard drive space More may be required dependent on quantity and/or file sizes of digital assets (video and graphic files)
Low End Graphic Hardware	Intel 945 chipset or equivalent
High End Graphic Hardware	ATI HD 5670+ series graphics
.NET Framework	.NET 4.0
Media Player	Windows Media Player 10 or higher
Language Version	English
Network	10/100/1000 Ethernet LAN
Other	-Latest Windows updates and service packs. -CD-ROM for installation -1 GB free hard drive space

IVS Design Studio

Operating Systems	Windows 7sp1 (32/64 bit) Windows 8,8.1 (32/64 bit) Windows 10 Enterprise (32/64 bit)
Application Versions	IVS Design Studio 12.5, 12.5.0.3, 12.5.1
Installation Type	.exe install
Processor	2.0 GHz or faster Pentium 4-class CPU Dual Core 2Ghz or better recommended
Memory	2GB (3GB Recommended)
Hard Disk Storage	1-10GB hard drive space More may be required dependent on quantity and/or file sizes of digital assets (video and graphic files)
Low End Graphic Hardware	Intel 945 chipset or equivalent
High End Graphic Hardware	ATI HD 5670+ series graphics
.NET Framework	.NET 4.0
Media Player	Windows Media Player 10 or higher
Language Version	English
Network	10/100/1000 Ethernet LAN
Other	-NTFS file system -Latest Windows updates and service packs -Latest available videos drivers from vendor -MS XML v6.0

IVS Design Studio Lite

IVS Design Studio Lite is a Microsoft Silverlight based application. [Click here](#) for the system requirements and installation instructions.

IVS Data Studio

Operating Systems	Windows 7sp1 (32/64 bit) Windows 8,8.1 (32/64 bit) Windows 10 Enterprise (32/64 bit)
Application Versions	IVS Data Studio 12.5, 12.5.1
Installation Type	EXE or MSI
Processor	2.0 GHz or faster Pentium 4-class CPU Dual Core 2Ghz or better recommended
Memory	1GB (2GB Recommended)
Hard Disk Storage	1-10GB hard drive space More may be required dependent on quantity and/or file sizes of digital assets (video and graphic files)
Low End Graphic Hardware	Intel 945 chipset or equivalent
High End Graphic Hardware	ATI HD 5670+ series graphics
.NET Framework	.NET 4.0
Media Player	Windows Media Player 10 or higher
Network	10/100/1000 Ethernet LAN
Language Version	English
Other	-NTFS file system -Latest Windows updates and service packs -Latest available videos drivers from vendor -MS XML v6.0
Installation Notes	MS Report Viewer must be installed as a prerequisite and is provided by RMG or it may be downloaded.

IVS ES Administrator, Symon Says, IVS Portal Administrator and IVS Composer

Operating Systems	Windows 7sp1 (32/64 bit) Windows 8,8.1 (32/64 bit) Windows 10 Enterprise (32/64 bit)
Application Versions	12.5, 12.5.1
Installation Type	EXE
Processor	2.0 GHz or faster Pentium 4-class CPU Dual Core 2Ghz or better recommended
Memory	1GB
Hard Disk Storage	1 GB free hard drive space
Network	10/100/1000 Ethernet LAN
Language Version	English
Other	-Latest Windows updates and service packs -CD-ROM for installation -1 GB free hard drive space

IVS DeskView

IVS DeskView has been deprecated in version 12.5. All DeskView installations should be replaced with InView installations.

IVS Broadcast PC

Operating Systems	Windows 7sp1 (32/64 bit) Windows 8.8.1 (32/64 bit) Windows 10 Enterprise (32/64 bit)
Application Versions	IVS Broadcast PC 12.5, 12.5.1
Installation Type	EXE
Processor	Dual Core 2Ghz +
Memory	4 GB RAM /Recommended DDR3 1333 RAM Minimum DDR2 1033
Hard Disk Storage	80GB HD (SATA or faster interface 80GB HD) (SATA or faster interface - 3.0Gb/s+, 16MB Cache) Server-grade drive recommended More may be required dependent on quantity and/or file sizes of digital assets (video and graphic files)
Low End Graphic Hardware	ATI HD 4650 graphics or greater
High End Graphic Hardware	ATI HD 5670 or greater
.NET Framework	4.0
Media Player	Windows Media Player 11 or higher
Network	10/100/1000 Ethernet LAN
Language Version	English
Other	-NTFS file system -Latest Windows updates and service packs -Latest available videos drivers from vendor -MS XML v6.0 -Video Card Support for DirectX Video Acceleration (DXVA) V1/V2

Client Software Virtual Environments

Company does not support any virtual environment for client (non-server software) applications. RMG solutions are networked applications. Citrix/Novell networks are not supported.

Network

The RMG Enterprise Server and media players (SDAs) require network connections using standard Cat 5 or 6 cabling and a network supporting IP v4. This network connection must be able to access necessary servers, systems, data sources and the internet. This is for data feeds, event interfaces, applicable content subscriptions and remote access.

- Customer shall supply appropriate internet connection connectivity for company provided solution.
- Company's RMG OnTarget content requires HTTP over TCP/IP communication using Port80.It is further required that these communications are not filtered, modified, blocked or cached.
- Connectivity and speed of the network connection between source data and th eCompany servers and clients. Company clients include, but are not limited to, IVS DesignStudio Editors, IVS Design Studio Lite, IVS Data Studio, media players, wallboards, remote administration suites (IVS ES Administrator, IVS Portal Administrator and IVS Composer), Symon Says, and IVS InView.

Ports and Protocols

Contemporary Web Service based Products: SDA/InView	HTTP: 80, 8010 (Configurable) Encrypted Server (Optional) - HTTPS: 443(Configurable) in place of port 80
Design Studio, Data Studio, Design Studio Lite, Messenger (Used in conjunction with Web Ports above)	TCP: 8013, 8014
SDA Configuration	Webpage - HTTPS:443 Upgrades: FTPES 21
Netlite/Netlite II	TFTP: UDP 69 , TCP:700
IP Jumpstart	UDP: 3424 Outbound from app, UDP:3425 Device response

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