



Misys Learning Suite

Technical Requirements

Contents

Executive Summary	3
Abstract	3
Key Terms	3
Developer Station Technical Information.....	4
Installation and Software Protection	4
Developer Station	4
Supported Configuration of Operating System and Browsers	6
Server Deployment	6
Server Technical Information.....	6
End User Technical Information.....	6
General Requirements.....	6
JavaLoader Publish	8
.NET Publish.....	8
HTML Publish	8
Local Deployment	9
End User Technical Information.....	9
CD-ROM Publish	9
Glossary	10

Executive Summary

Abstract

This document, *MLS Technical Requirements*, details the technical environment required to use the Misys Learning Suite software.

It lists the requirements for the developer station, including information on installation and software protection, the basic minimum configuration and the supported operating systems and browsers.

It then lists the technical environment required for deploying end user content via a server (Javaloader, .NET Loader and HTML publish types), and for local deployment (via executable publish or CD-ROM).

Key Terms

Throughout this document, several key terms are used regularly. These terms are integral to understanding the technical requirements.

The first time a term is used, please refer to the Glossary section at the end of this document to ensure you fully understand the concept presented.

Developer Station Technical Information

Installation and Software Protection

Installation via Executable	
Install	Files copied to the developer machine. Modification made registry in Windows
Uninstall	Deletion of files from the directory containing the product, doesn't clean the registry in Windows
Backup for Recovery purposes	Copy of .exe required only – to tape or disk as per standard user practice
Activation Code	
Serial Number	A security code unique per computer is given during the installation with the .exe Necessary to send the Serial Number displayed during installation to the Misys Support to have an activation code
Dongle	
Dongle Protection	Dongle inserted into USB port
Driver	Sentinel System Driver 5.41.1 (32-bit) provided with dongle. Admin rights required for driver installation.


Developer Station

Hardware	
Processor	1.66 GHz or equivalent
Memory	1 GB
Disk Space	20 Mb for documentation and examples 50 Mb for the product* 500 Mb (min) for the project (storage of simulations and tutorials)
Sound	Sound card or speakers (only necessary if content is authored with sound)

Operating Systems Supported	
Windows 2000	SP4 and above only
Windows XP SP1, SP2	Recommended
Windows Vista	
Citrix Server (Microsoft Windows Terminal Server)	The MLS application is supported only on certain Citrix solutions. Please contact a Misys consultant for more information on the supported solutions. NB With SAP note that it needs to be on the same server as the <i>GUI</i> not the server.
Browsers Supported	
Internet Explorer 6.0	Javascript must be enabled.
Internet Explorer 7.0	Javascript must be enabled.
Software Supported	
Microsoft Office 2000, XP, 2003, 2007	Only necessary if documentation is to be produced
Network Requirements	
Windows 2000 Server, Windows 2003	For web-based access to published tutorials
Network Speed	10 Mbit minimum – higher speed access is highly recommended
Protocol	TCP/IP
Security Rights Required	
Misys Program folder	Full rights to the directory location of choice
Registry	Rights required on installation to write password to run the software, and to update when expired
Windows temp folder	Software requires write rights to this directory
Project & publish folders	User determined – generally the area allocated for user file storage. Can be run over a network. If stored locally, ensure entire project directory is backed-up regularly to a server drive/external drive or tape. Simply restore to access project




*If you install the product with all extensions

 Note that these are the recommended specifications and are required if working with very large projects. With lower specifications you may still be able to use the software but performance may be affected.

Supported Configuration of Operating System and Browsers

Supported Configurations for Developer Machine	WIN 2K + SP4 + IE 6.0 onwards
	WIN XP + IE 6.0 onwards
	WIN Vista + IE 7.0 (with protected mode Off)

 For information on End User Operating System and Browser support please see End User Technical Information

Server Deployment

Server Technical Information

Server Hardware – minimum recommended	
Processor	1.2 GHz or higher
Memory	512 MB
Disk Space	Space to match that of published lesson files only
Web Server MIME Type Settings	(Applies to Java/.NET publishing formats): .iml (application/octet – stream) .sim (application/octet – stream) .the (application/octet – stream) .dtb (application/octet – stream) .dic (application/octet – stream) .tpl (application/octet – stream) “Authorizations” set to “Scripts only”

End User Technical Information

General Requirements

Hardware – minimum recommended	
Processor	1.2 GHz or higher
Memory	512 MB

Disk Space	Less than 5Mb for the runtime, less than 100Kb for the publish loader files			
Sound	Sound device, speakers or headphones required if tutorial developed with sound.			
Operating Systems Supported				
Windows 2000	SP4 and above only			
Windows XP SP1, SP2				
Windows Vista				
<p>Note: Mac OS, Linux, Unix and other operating systems are not supported. Running Windows on certain Citrix environments on a PC with a non-Windows operating system may be compatible; however feasibility would need to be determined on a case by case basis.</p>				
Browsers Supported				
<p>Note: In this document Misys uses the terms Supported and Compatible as separate but distinct phrases. Please refer to the Glossary for definitions of these terms.</p>				
Browser	Versions	Publish Formats	Level	Comment
Internet Explorer	IE 5.5 IE 6.0 IE 7.0	Javaloader .NETloader Full HTML	Compatible Supported	Please contact Misys if you wish to use version 5.5 When using IE 7.0, protected mode must be turned off
	IE 8.0	Javaloader .NETloader Full HTML	Compatible	Tested although not yet officially released by Microsoft
Firefox	2.x, 3.0	Javaloader	Compatible	
Safari	3.2.1	Javaloader	Compatible	
Opera	9	Javaloader	Compatible	
Chrome	1	Javaloader	Compatible	



If your browser isn't listed here or if you are using a different version, please contact Misys for more information.

JavaLoader Publish

Specific Requirements	
Java	Java JRE 1.3 (and above)
Bandwidth	Runtime (player) and tutorial files are downloaded when tutorial is first launched (and subsequent lessons are downloaded as accessed). Connection speed will not affect the running of the lesson.
Disk Space	Space required to match that of the runtime folder and lesson files
Path of Downloaded Files	<i>C:\Documents and Settings\user\JavaDeploy</i>
End User Right	No admin rights required

.NET Publish

Specific Requirements	
.NET	.NET Framework 2.0+
Bandwidth	Only runtime and tutorial files are downloaded when tutorial is first launched. Connection speed will not affect the running of the lesson.
Disk Space	Space required to match that of the runtime folder and lesson files
Path of Downloaded Files	<i>C:\Documents and Settings\user\Local Settings\Application Data</i>
End User Rights	No admin rights required

HTML Publish

Specific Requirements	
Bandwidth	Approx 50-75 KB per simulated screen A slow connection can cause the pages to load slowly and cause problems with the look and feel of the tutorial
Server Disk Space	Space required to match that of the published folder
Path of Downloaded Files	No runtime or component on the end-user machine
End User Rights	No admin rights required

Local Deployment

End User Technical Information

Hardware – minimum recommended	
Processor	1.2 GHz or higher
Memory	512 MB
Disk Space	Less than 5Mb for the runtime, less than 100Kb for the publish loader files
Sound	Sound device, speakers or headphones required if tutorial developed with sound.
Operating Systems Supported	
Windows 2000	SP4 and above only
Windows XP SP1, SP2	
Windows Vista	

CD-ROM Publish

Specific Requirements	
Disk Space	Space required to match that of the published files
End User Right	No admin rights required
Bandwidth	No internet connection required (unless links included to materials on a server)

Glossary

Activation code	A code that is created to enable you to activate the MLS software on your machine. The code is machine specific and determines the extensions you are able to use, and the time you are able to use the product for.
Misys Learning Suite	The software application that you are installing.
MLS	Misys Learning Suite
Compatible	Misys have tested the referenced OS or Browser. MLS will operate as expected however there may be some inconsistent interface behaviour or navigational experiences that Misys will not resolve or provide specific documentation upon.
Developer station	The machine being used by the content developer, who is creating materials using MLS.
Dongle	A USB-type key that is placed in the user's computer to enable a user to run a software application.
Dongle driver	The driver that is needed to ensure that the dongle is recognised and can be used by the computer.
Dongle token	The code that sets the permissions on the dongle.
End user	The machine being used by the end user, who is accessing published MLS content.
Extensions	Specific modules that MLS uses to create clones of particular software application.
Serial number	A number, generated during the installation which is unique to your computer. This is used to generate the activation code.
Software protection	This term refers to how Misys ensures that only registered users are able to install and use the software.
Support	Misys will resolve any issues/inconsistencies that may arise with the referenced OS or Browser, or provide specific documentation around the unexpected behaviour.
User rights	The rights that you have on your machine (i.e. what permissions you have to do certain functions).