



STT Trainer by Kaplan IT Learning

Technical Specifications

Kaplan IT Learning
A Division of Kaplan, Inc.
<http://www.stt-trainer.com>

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STT Trainer 5.2	3
Overview	3
Content Development	4
Content Deployment and Statistics	5
Learner Environment	6
STT Trainer Port Requirements	7
General Notes	8
Standalone Installations	8
Lesson Recorder	8
About Simulations and File Size	8
Citrix Compatibility	8

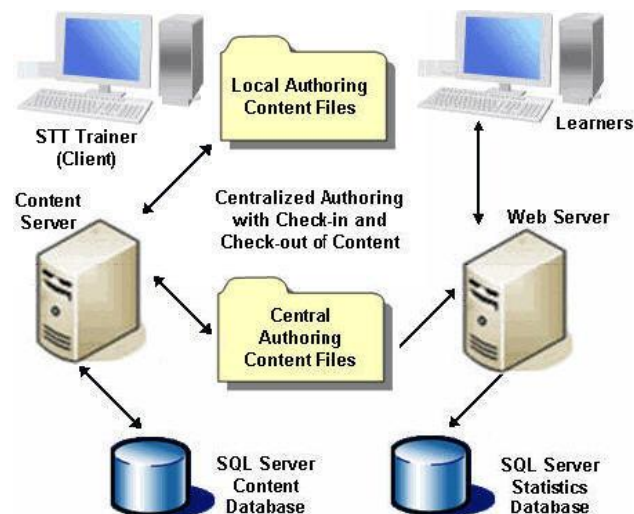
STT Trainer 5.2

Overview

STT Trainer is a client-server application. Content authors log on to the STT Trainer Content Manager from their desktops to access a central authoring repository (CAR) where lesson resources and content are stored, edited and deployed to trainees. Trainees typically access the lessons over the company intranet (or the internet) using Internet Explorer.

Server

The STT Trainer Server is installed on the computer that hosts the central authoring location in the organization. All client computers that are used for authoring must be pointed to this location when you roll out the clients. The server can be installed as a web server using the HTTP protocol, or as a Windows service, using the TCP/IP protocol. To support diverse authoring projects, you can host multiple servers and authoring projects on the same computer.



The minimum & recommended requirements for STT Trainer Server

Component	Minimum Requirements	Recommended
File System	NTFS only	
Operating System	Windows Server 2003*	Windows Server 2008
Windows Installer	Windows Installer 4.5	
Service Packs	SP2 for Windows Server 2003	SP2 for Windows Server 2008
Database	SQL Express MS SQL Server 2000, SP4	MS SQL Server 2005, SP3 MS SQL Server 2008, SP1**
.NET Framework	.NET Framework 3.5	
Processor	Pentium IV 2 GHz	Intel Pentium Dual Core 3 GHz
Number of Processors	One	Two
Memory	1 GB	2 GB
Dedicated Disk Space***	2 GB	4 GB
Protocols and Ports	See section on <i>STT Trainer Port Requirements</i>	

* Windows XP Professional sufficient for evaluation. Full deployment supported only on server operating systems.

** For MS SQL Server 2008, ensure that PowerShell 2.0 is installed on the server.

*** Required for a repository of approximately 100 lessons of 30 MB each.
Multiple instances of the STT Trainer Server on large projects may require additional capacity.

Content Development

Authors require the STT Trainer Content Manager. This includes all the tools to record (Recorder), edit (Editor), structure and distribute training material.

With the Recorder, authors can record application screens and tasks (such as keystrokes and mouse clicks) as they work in live applications. In the Editor, authors can further customize and enhance lessons based on the recorded data.

The size of a lesson file depends on the number of screens and voice recordings as well as the amount of lesson information and other content it contains. An average lesson is about 30 MB - which includes the original recorded data, edited data and all published outputs. The recommended hard disk space below will therefore be sufficient for an authoring repository of about 100 lessons. However, if you intend to create more (or larger) lessons, you should adjust the recommended hard disk space accordingly.

The minimum & recommended requirements for STT Trainer Content Manager

Component	Minimum Requirements	Recommended
File System	NTFS only	
Operating System	Windows XP Professional	Windows Vista Windows 7
Windows Installer	Windows Installer 4.5	
Service Packs	SP3 for Windows XP Professional	SP 1 for Windows Vista
.NET Framework	.NET Framework 3.5	
SAP GUI*	SAP GUI 6.4 (patch 23 or later) SAP GUI 7.1 (patch 10 or later)	Latest patches
SAP Server*	SAP Server 4.7	Latest patches
Java Access Bridge**	Java Access Bridge 2.0	Java Access Bridge 2.0
Microsoft Office	MS Office 2003 with Compatibility Pack	Office 2007
Interop Assemblies	Microsoft Primary Interoperability Assemblies 2005	
Internet Explorer	Internet Explorer 6.0, SP2	Internet Explorer 7.0 or 8.0
Windows Media Player	Windows Media Player 6.4	Windows Media Player 9 +
Processor	Pentium III 1 GHz	Pentium IV 3 GHz
Display Adaptor	1024 x 768, 24-bit color 16 MB memory	1024 x 768, 24-bit color 64 MB memory
Memory	1 GB	2 GB
Dedicated Disk Space [■]	2 GB	4 GB

* Only required for authors who intend to record SAP

** Only required for authors who intend to record Java applications.

■ Required for a repository of approximately 100 lessons of 30 MB each.
Authors working on multiple projects on different servers may require additional capacity.

Content Deployment and Statistics

Once you have developed and published your content, you can deploy the material as SCORM packages, or deploy your content to the STT Trainer Lesson Portal. If you use training repositories, you can install the STT Statistics Writer on your web server to save learner statistics.

The required hard disk space for the training repository is determined by the size of the deployed content, i.e. the number and size of the deployed lessons, resources and additional files. An average deployed lesson is about 10 MB – which includes the simulation and all published outputs. The recommended hard disk space overleaf will therefore be sufficient for a training repository of about 400 lessons. However, if you plan to deploy large training repositories with a lot of content and extra files, you should adjust the recommended hard disk space accordingly.

The minimum & recommended requirements for the web server and statistics (training repository)

Component	Minimum Requirements	Recommended
Operating System	Windows Server 2003	Windows Server 2008
Windows Installer	Windows Installer 4.5	
Service Packs	SP2 for Windows Server 2003	SP2 for Windows Server 2008
Web Server	Internet Information Server 6.0	Internet Information Server 7.0
Database*	MS SQL Express, SP2 MS SQL Server 2000, SP4	MS SQL 2005, SP3 MS SQL 2008, SP1 **
Processor	Pentium IV 2 GHz	Intel Pentium Dual Core 3 GHz
Number of Processors	One	Two
Memory	1 GB	2 GB
Dedicated Disk Space***	2 GB	4 GB
Protocols and Ports	See section on <i>STT Trainer Port Requirements</i>	

* You can install the statistics database on a different database server.

** Microsoft SQL 2008 Management Studio requires PowerShell.

*** Required for a repository of approximately 400 deployed lessons of 10 MB each.
Projects with large numbers of learners may require additional capacity on the web server.

Learner Environment

Learners play published simulations in Internet Explorer (version 6 or above). They can also access published documentation through other browsers. However, to access context-sensitive assistance directly from your applications, learners will need to install STT Trainer's Help application.

To install STT Trainer Help, computers must meet additional minimum requirements.

The minimum & recommended requirements for learners playing web simulations in the Lesson Portal, STT InfoShare or through a SCORM LMS

Component	Minimum Requirements	Recommended
Operating System	Windows 2000 Professional Windows XP Professional	Windows Vista Windows 7
Service Packs	SP4 for Windows 2000 Professional SP3 for Windows XP Professional	SP1 for Windows Vista
Processor	Pentium IV 1 GHz	Pentium IV 3 GHz
Memory	512 MB	1 GB
Display Adaptor	800 x 600, 16-bit color 8 MB memory	1024 x 768, 24-bit color 32 MB memory
Dedicated Disk Space	100 MB	200 MB
Windows Media Player	Windows Media Player 6.4	Windows Media Player 9 +
Internet Explorer	Internet Explorer 6.0, SP1	Internet Explorer 7.0 or 8.0
Adobe Flash Player *	Flash Player 8.0 or 9.0	Flash Player 10.0

* Recommended to accelerate content download. Learners can still play web simulations without Flash. Flash 8 is not supported in Internet Explorer 6 on Windows 2000.

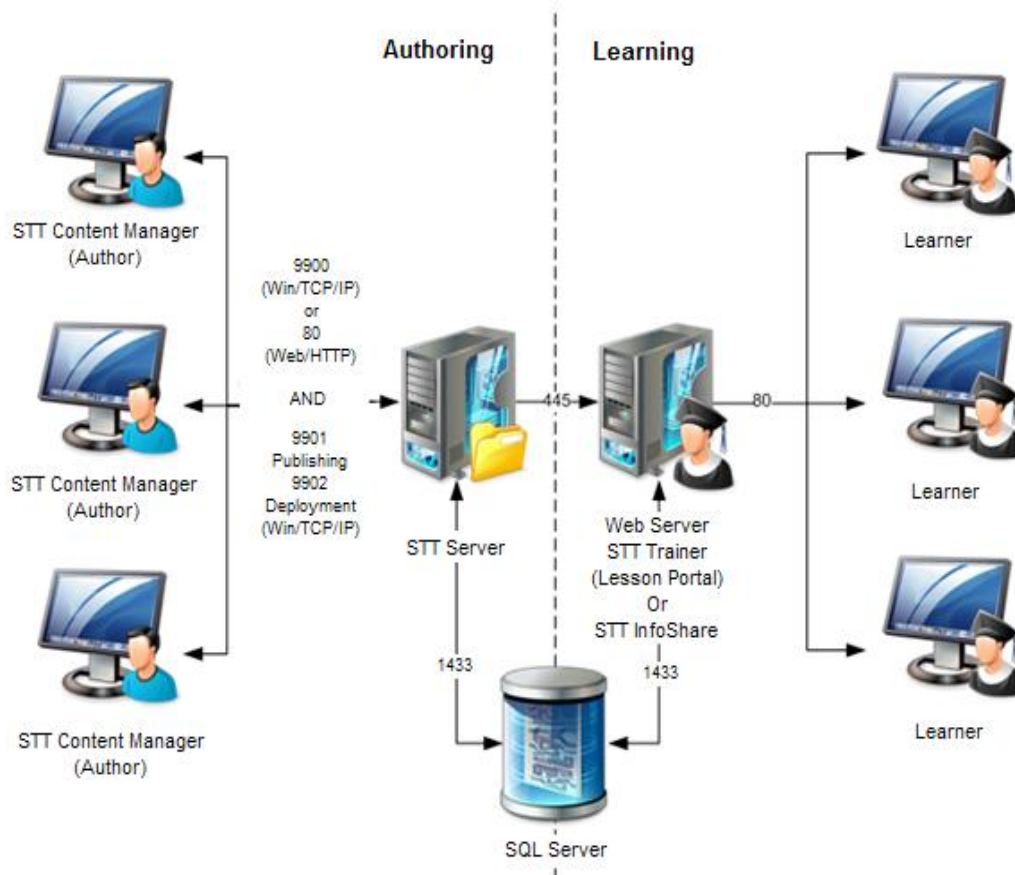
The minimum & recommended requirements for learners to install STT Trainer Help

Component	Minimum Requirements	Recommended
Operating System	Windows XP Professional	Windows Vista Windows 7
Windows Installer	Windows Installer 4.5	
Service Packs	SP3 for Windows XP Professional	SP1 for Windows Vista
.NET Framework	.NET Framework 3.5	
Processor	Pentium IV 1 GHz	Pentium IV 3 GHz
Memory	512 MB	1 GB
Display Adaptor	800 x 600, 16-bit color 8 MB memory	1024 x 768, 24-bit color 32 MB memory
Dedicated Disk Space	100 MB	200 MB
Windows Media Player	Windows Media Player 6.4	Windows Media Player 9 +
Internet Explorer	Internet Explorer 6.0, SP2	Internet Explorer 7.0 or 8.0

STT Trainer Port Requirements

Below is a graphic representation of the required port settings for the STT Trainer Server (Authoring Environment) and the Web Server (Learning Environment).

All default ports can be configured to your environment, except for port 445 which is the dedicated Microsoft Networking port and cannot be changed.



General Notes

Standalone Installations

If you are running a standalone installation, you need to ensure that you comply with the memory requirements for both STT Trainer Server and STT Content Manager *combined*.

In other words, you need a minimum of 1GB memory for STT Trainer Server as well as 1GB memory for STT Content Manager; altogether a minimum of 2GB to run a standalone installation.

Lesson Recorder

If you use dual monitors with Lesson Recorder, you can only record on your primary monitor.

About Simulations and File Size

When learners access content through the STT Trainer Lesson Portal, or play simulations and previews from a SCORM LMS, there are some additional files that are downloaded before the learner plays his lessons. These files contain all the images for the Lesson Portal and Lesson Player, as well as the actual intelligence required to run the lessons in Internet Explorer.

Please see the article on *Bandwidth Requirements for STT Trainer Web Simulations* for detailed figures on the size of these files. This article is available from the Kaplan IT Support Portal.

Citrix Compatibility

Citrix Meta Frame is supported in both the STT Trainer Lesson Development and Lesson Presentation environments.

The following requirements apply:

- All STT Trainer lesson development functionality is supported within the Citrix environment. Performance or latency issues resulting from low bandwidth or load on the Citrix server are not supported by Kaplan IT. Performance depends on the bandwidth available to the Citrix client. Independent tests have shown that a minimum of 64 KB/second is required, with the best performance achieved at 128 KB/second or above.
- For lesson recording, best results are achieved when the STT Content Manager application, which includes the Lesson Recorder, is installed on the Citrix server. If the Recorder is installed on the Citrix client, screen recording accuracy will deteriorate due to the additional application layer between the Citrix client and server. Kaplan IT does not guarantee 100% recording accuracy in the screen recording process on any applications. It is generally accepted that editing will be required in the lesson editing phase to correct recording deficiencies.
- The playing of Web Simulations by learners is fully supported in the Lesson Presentation environment.