

# STIOffice/STIDistrict Hardware Specifications for PCs

Local School Fileserver with STIOffice & STIClassroom WIN	
Processor	1GHz or Higher
RAM	512MB
Hard Disk	1GB Free Space
Network Connection	100MB via Switch
Operating System	Windows 2000/2003 Server, Novell Netware v4.11 or greater.
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	ZIP/Tape Drive
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

Local School Fileserver with STIOffice, STIClassroom WEB & Home+ (150 Employees or less)	
Processor	Dual Intel Pentium 2GHZ - 512k cache
RAM	*2GB SDRAM
Hard Disk	18GB (SCSI)
Network Connection	100MB via Switch
Operating System	**Windows 2000/2003 Server with IIS
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	ZIP/Tape Drive
*If there are more than 50 concurrent users or if there are Macintosh computers accessing Classroom Web or Home+, the specification for RAM required will be 4GB SDRAM.	
If more than 150 employees will be connected at the same time, please contact the STI Implementation department at (800-844-0884)	
**If STIClassroom WEB and Home+ are running on the same server, the applications must be installed on a 2003 server.	
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

STISETSWeb Web Server Requirements	
Processor	Dual Intel XEON 2GHZ - 512k cache
RAM	2GB SDRAM
Hard Disk	18GB (SCSI)
Network Connection	100MB via Switch
Operating System	Windows 2000/2003 Server with IIS (2003 Preferred)
Backup Mechanism	ZIP/Tape Drive
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

Workstation	
Processor	Pentium III 450 MHz or Higher
RAM	128 MB
Hard Disk	100MB Free Space
Network Connection	100MB
Operating System	Windows 98, Windows 2000 or Windows XP Pro
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	ZIP/Tape Drive
Browser (PC) (Classroom Web/LAISI/STI Post Office/Home +)	IE 6.0 or above
Screen Resolution (Classroom Web/LAISI/STI Post Office/Home+)	800 x 600 or greater

# STIOffice/STIDistrict Hardware Specifications for PCs

STIBookkeeper	
Processor	Pentium III 450MHz or Higher
RAM	128 MB
Hard Disk	100 MB Free Space
Network Connection	N/A
Operating System	Windows 98, Windows 2000 or Windows XP Pro
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	ZIP/Tape Drive

STICaller	
Processor	Pentium III 450 MHz or Higher
RAM	128 MB Minimum
Hard Disk	100MB Free Space
Network Connection	100MB
Operating System	Windows 2000 or Windows XP Pro
Expansion Slots	1 PCI Slot available

STIPalm	
Palm OS	Palm OS 3.5 or higher
Memory	4MB or higher
Palm Workstation	
Processor	Pentium III 450MHz or Higher
RAM	128 MB
Hard Disk	100 MB Free Space
Operating System	Windows 98, Windows 2000 or Windows XP Pro

STIAssessment v2.0 Windows Based Requirements	
Processor	Pentium 4 - 2Ghz
Memory / RAM	256+ MB
Hard Disk Space	50 MB <sup>1</sup>
Minimum Screen Resolution	1024 x 768
Internet Connection	Dedicated High Speed Cable or DSL running at 1.44Mb/s
Local Area Network (LAN) Connection Speed(s)	100Mb/s
Operating System	Windows XP running SP2 or Greater
Printer	Laser Quality B/W or Color
Backup Mechanism	N/A
Internet Browser(s)	Microsoft Internet Explorer 6.0 SP1 or Greater Netscape 8.2
.NET Framework 1.1 <sup>3</sup>	.NET Framework 1.1
<sup>1</sup> Needed for Internet Browser Plug-ins like Flash® or Java Virtual Machine. <sup>2</sup> Used mainly for reporting output. <sup>3</sup> Required to run the scanning software. <b>Note: Shared internet connections should allow for each workstation to have a dedicated 56kb/s, recommend 1.44Mb/s.</b>	

# STIOffice/STIDistrict Hardware Specifications for PCs

STIPD Web+database server (for 1500 employees or less)	
Processor	1GHz or Higher
RAM	1024MB or more
Hard Disk	40GB or greater Free Space (RAID Mirroring recommended)
Network Connection	100Mbps or greater
Operating System	Windows/2000 Server w/ service pack 4 (Windows 2003 Server recommended)
Printer	n/a
Application Server Software	Witango Application Server Standard version (see <a href="http://www.witango.com">http://www.witango.com</a> ) Retail cost: \$2900 – education pricing available. See web site for details.
Web Server Software	Microsoft IIS 5.0 or greater
Database Software	MS SQL 2000 w/ service pack 3 or greater
Network Environment	<ul style="list-style-type: none"> <li>• Server should have a dedicated IP address                             <ul style="list-style-type: none"> <li>○ Optional: If outside access (from the public internet) is desired, server may also need an external IP</li> </ul> </li> <li>• Server should have a DNS entry (i.e. pd.yourdomain.org)</li> <li>• Database server should NOT be publicly accessible</li> <li>• Optional: if outside access is desired, an SSL certificate is recommended for the web server in order to enable secure communications over the public network.</li> </ul>
Backup Mechanism	ZIP/Tape Drive or network backup
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	
For deployments greater than 1,500 employees, the web and database servers should be on two physically separate machines. Each machine's hardware should be equivalent to that stated above.	

STI District Server (Level 1) 0-3,000 Student Records	
Processor	Pentium III 1.13 GHz or Higher
RAM	512MB
Hard Disk	Two 40 GB (SCSI or IDE okay but SCSI is recommended) Install the OS and programs on Drive C and use the second drive for SQL data storage only
Network Connection	100 MB NIC with 100MB driver setting
Operating System	2000 Server, 2000 Advanced Server, 2000 Datacenter Server, Windows Server 2003 Standard, Windows Server 2003 Advanced.
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	Tape Backup Device or Network
Modem	56KB or better, Only if your schools will connect to STIDistrict using dial-up networking.
Import Process	Installed on SQL Server Machine
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

STI District Server (Level 2) 3,001-12,000 Student Records	
Processor	*Pentium IV – 2.0 GHz (Second Processor recommended)
RAM	1 GB
Hard Disk	40 GB (SCSI or IDE okay but SCSI is recommended) Install the OS and programs on Drive C and use the second drive for SQL data storage only. *60 GB SCSI SQL Data storage only
Network Connection	100 MB NIC with 100MB driver setting
Operating System	2000 Server, 2000 Advanced Server, 2000 Datacenter Server, Windows Server 2003 Standard, Windows Server 2003 Advanced.
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	Tape Backup Device or Network
Modem	56KB or better, Only if your schools will connect to STIDistrict using dial-up networking.
Import Process	Installed on SQL Server Machine
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

# STIOffice/STIDistrict Hardware Specifications for PCs

<b>STI District Server (Level 3) 12,001-20,000 Student Records</b>	
Processor	2 Pentium IV – 2.0 GHz
RAM	2 GB
Hard Disk	40 GB (SCSI or IDE okay but SCSI is recommended) Install the OS and programs on Drive C and use the second drive for SQL data storage only. *80-100 GB SCSI SQL Data storage only.
Network Connection	100 MB NIC with 100MB driver setting
Operating System	2000 Server, 2000 Advanced Server, 2000 Datacenter Server, Windows Server 2003 Standard, Windows Server 2003 Advanced.
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	Tape Backup Device or Network
Modem	56KB or better, Only if your schools will connect to STIDistrict using dial-up networking.
Import Process	The Import process should be installed on separate machines, See specs for <b>Import Process Computer</b> .
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

<b>STI District Server (Level 4) 20,001-40,000 Student Records</b>	
Processor	2 XEON – 1.8 GHz (or better) 1 Mb CACHE
RAM	2–4 GB
Hard Disk	40 GB (SCSI or IDE okay but SCSI is recommended) Install the OS and programs on Drive C and use the second drive for SQL data storage only. *Two RAID 1+0 or 5 configurations with 80-100 GB storage space. SQL Data storage only
Network Connection	100 MB NIC with 100MB driver setting
Operating System	2000 Server, 2000 Advanced Server, 2000 Datacenter Server, Windows Server 2003 Standard, Windows Server 2003 Advanced.
Printer	18 – 20 ppm HP compatible laser
Backup Mechanism	ZIP/Tape Drive
Modem	56KB or better, Only if your schools will connect to STIDistrict using dial-up networking.
Import Process	The Import process should be installed on separate machines, See specs for <b>Import Process Computer</b> .
If more than 40,000 Student Records will be connected at the same time then please contact the STI Implementation department at (800-844-0884)	
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	

<b>Import Process Computer</b>	
Processor	Pentium III 1.13GHz or Higher.
Ram	128 MB
Hard Drive	IDE or SCSI (You will need enough space to hold your import files for historical purposes. 30 GB or better should be sufficient. )
Network Connection	100 MB NIC with 100 MB driver setting
Operating Systems	Windows 98, Windows 2000 or Windows XP Pro
<b>Each STI server must be dedicated and cannot be used concomitantly as an e-mail server, any type of Domain Controller, Proxy Server or other third party application server.</b>	
Schools systems with more than 40,000 student records should consider the above specs as the absolute minimum requirements. We recommend that the district contact STI to review the network and anticipated workload prior to purchasing. After this review, we will better understand your expectations and we can make configuration suggestions.	