

# School Accounting System-Onsite

Below you will find our hardware requirements for running the School Accounting System-Onsite (utilizing servers and workstations at the district). The software download includes Microsoft® SQL Server Express as part of the installation package that allows up to a 10GB database.

Recommendations for SQL Standard are also included for districts to take advantage of the features included with those SQL Server versions (i.e. increased CPU and RAM utilization, unlimited database size, etc.) and have the expertise in-house to support and maintain it. **Important Note:** In all configurations, if possible, we recommend having the School Accounting System as the only SQL Server database instance on a particular machine.

Please contact our Customer Support Department at 800.756.0035 ext. 2 or email [support@su-inc.com](mailto:support@su-inc.com) with any questions in regards to the hardware recommendations for the School Accounting System SQL version.

	Number of Computers Connecting	Minimum Hardware Requirements	
<b>Stand-Alone</b>	1	<u>Workstation: PC or Compatible</u> <ul style="list-style-type: none"> <li>• Windows 7, 8, or 10 (32 or 64 bit)</li> <li>• 3 GHz Pentium Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 20 GB Hard Drive (free space)</li> <li>• .NET Framework 4.0 Full/Extended</li> </ul>	<i>Important Note: Home Edition not supported</i>
<b>Peer-to-Peer Networked Configuration</b>	2 to 4	<u>Workstation acting as server: PC or Compatible</u> <ul style="list-style-type: none"> <li>• Windows 7, 8, or 10 (32 or 64 bit)</li> <li>• 3 GHz Pentium Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 20 GB Hard Drive (free space)</li> <li>• Gigabit Ethernet Adapter</li> <li>• .NET Framework 3.5 Full/Extended</li> </ul>	<u>Connected Workstations: PC or Compatible</u> <ul style="list-style-type: none"> <li>• Windows 7, 8, or 10 (32 or 64 bit)</li> <li>• 3 GHz Pentium Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 5 GB Hard Drive (free space)</li> <li>• Gigabit Ethernet Adapter</li> <li>• .NET Framework 3.5 Full/Extended</li> </ul>
<b>Dedicated Server LAN/WAN Utilizing included SQL Server Express</b>	5 or more	<u>Server: Server 2008 R2, 2012, 2016 (32 or 64 bit)</u> <ul style="list-style-type: none"> <li>• 3 GHz Pentium Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 50 GB Hard Drive (free space)</li> <li>• Gigabit Ethernet Adapter</li> <li>• .NET Framework 3.5 Full/Extended</li> </ul> <p><i>We do not support a wireless connection.</i></p>	<u>Connected Workstations: PC or Compatible</u> <ul style="list-style-type: none"> <li>• Windows 7, 8, or 10 (32 or 64 bit)</li> <li>• 3 GHz Pentium Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 5 GB Hard Drive (free space)</li> <li>• Gigabit Ethernet Adapter</li> <li>• .NET Framework 3.5 Full/Extended</li> </ul>
<b>Dedicated Server LAN/WAN Running SQL Server 2008 R2 Server 2012, 2016 Instance***</b>	5 or more	<u>Server: SQL Server Standard, Workgroup, or Enterprise editions</u> <ul style="list-style-type: none"> <li>• 3 GHz Duo Core Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 50 GB Hard Drive (free space)</li> <li>• Gigabit Ethernet Adapter</li> <li>• .NET Framework 3.5 Full/Extended</li> </ul> <p><i>We do not support a wireless connection.</i></p>	<u>Connected Workstations: PC or Compatible</u> <ul style="list-style-type: none"> <li>• Windows 7, 8, or 10 (32 or 64 bit)</li> <li>• 3 GHz Pentium Processor (or equivalent)</li> <li>• 4 GB RAM</li> <li>• 5 GB Hard Drive (free space)</li> <li>• Gigabit Ethernet Adapter</li> <li>• .NET Framework 3.5 Full/Extended</li> </ul>

\*\*\*Requires purchase of SQL Server 2008 R2, SQL Server 2012, or SQL Server 2016 licenses. While all districts will be able to sufficiently run the School Accounting System using the included SQL Server Express edition, districts with large databases or more than 5 users may consider upgrading to SQL Server Standard, Workgroup, or Enterprise editions for increased performance.

Continue to the next page for the **School Accounting System-Online** recommendations.

# School Accounting System-Online

Below you will find our minimum recommended hardware specifications for running the School Accounting System-Online (hosted option). The School Accounting System-Online offering is based on Public Internet access to a Class A data center. Consequently, any connection to the Public Internet, whether it is DSL, Cable modem, Frame, or Dial-up, all work. The forms of Internet access not currently supported are wireless, satellite, and Dial-On-Demand ISDN, due to their variability in connection.

Minimum Hardware Requirements	
<b>Workstations</b>	<ul style="list-style-type: none"> <li>• Windows 7, 8, or 10 (32 or 64 bit), Internet Explorer 8 or later, RDP Client Version 8.0</li> <li>• Mac OS X 10.9 and higher</li> <li>• 1 GHz Pentium Processor (or equivalent)</li> <li>• 1 GB RAM</li> <li>• 50 MB Hard Drive (free space)</li> </ul>
<b>Mobile Devices</b>	<ul style="list-style-type: none"> <li>• iOS 6.0 or higher, 14 MB free space, ISP 1 Mbps, screen resolution 1366x768 or higher</li> <li>• Android 2.2 or higher, 14 MB free space, ISP 1 Mbps, screen resolution 1366x768 or higher</li> </ul>
<b>Supported Browsers</b>	<ul style="list-style-type: none"> <li>• Internet Explorer 8.0 or later (<b>Important note for Windows 10 users: Edge browser not supported</b>)</li> <li>• App available for Mac OS X</li> </ul>
<b>Internet Access</b>	<ul style="list-style-type: none"> <li>• Connectivity to an Internet Service Provider (ISP) at a minimum of 1 Mbps</li> <li>• The RDP connection is based on Public Internet access to a Class A Data Center. Consequently, any connection to the Public Internet, whether DSL, Cable modem, Frame, or Dial-up, all work. The forms of internet access not currently support are satellite, and Dial-On-Demand ISDN, due to their variability in connection.</li> </ul> <p><i>A wireless (WiFi) connection to the Internet is not supported.</i></p>
<b>Firewall Configuration</b>	<p><b>Outbound Configuration of Firewalls / Routers</b> Port 443 must be opened, Port 80 can be opened but is not required, to the following IP Subnets:</p> <p>Hosted Environment Networks: 97.65.91.0/24 (subnet mask 255.255.255.0) 207.250.170.0/26 (subnet mask 255.255.255.192) 207.250.245.64/26 (subnet mask 255.255.255.192)</p>
<b>Monitor</b>	<ul style="list-style-type: none"> <li>• Minimum screen resolution of 1366x768 at 100%</li> <li>• 21 inch or greater recommended</li> </ul>
<b>Email</b>	<p>Maintaining an active email account allows you to receive correspondence from Software Unlimited, Inc. Please add our domain, <b>su-inc.com</b>, to your safe sender list. For more information, please visit our Frequently Asked Questions on our website at <a href="http://www.su-inc.com/faqpage.asp">www.su-inc.com/faqpage.asp</a> (search keywords: Safe Sender).</p>

## Additional Recommendations

<b>Backup Solutions For "Onsite" Option ONLY</b>	<ul style="list-style-type: none"> <li>CDR/CDRW</li> <li>DVDR</li> <li>Flash Drive</li> <li>Tape Backup</li> </ul>
<b>Printer</b>	<p>HP 3015 series or digital copier/printer. Small districts: HP Pro 400 (m401 series or current model)</p> <p>Laserjet printers must have PCL5E or greater language and be 100% HP Laserjet compatible. Inkjet and dot matrix printers are <b>not</b> supported.</p>
<b>Monitor</b>	<ul style="list-style-type: none"> <li>Minimum screen resolution of 1366x768 at 100%</li> <li>21 inch or greater recommended</li> </ul>
<b>Internet Access</b>	<ul style="list-style-type: none"> <li>T1, ISDN, DSL</li> </ul> <p>Internet access is required to download program updates through our Transfer Manager program. Using an Internet connection that is slower than 1 Mbps will take significantly longer to download data. Also, if you have a firewall, we ask that you configure it properly to allow access to our Transfer Manager program.</p>
<b>Email</b>	<p>Maintaining an active email account allows you to receive correspondence from Software Unlimited, Inc. Please add our domain, <b>su-inc.com</b>, to your safe sender list. For more information, please visit our Frequently Asked Questions on our website at <a href="http://www.su-inc.com/faqpage.asp">www.su-inc.com/faqpage.asp</a> (search keywords: Safe Sender).</p>

Continue to the next page for the **Web Link Module (onsite installation)** recommendations.

# Web Link Module Hardware Recommendations

Web Link Module Hardware Requirements	
Supported Browsers (current versions)	<ul style="list-style-type: none"> <li>• Internet Explorer</li> <li>• Edge</li> <li>• Firefox</li> <li>• Chrome</li> <li>• Safari</li> </ul>
Supported Device OS (current versions)	<ul style="list-style-type: none"> <li>• iOS</li> <li>• Android</li> </ul>
ONSITE INSTALLATIONS ONLY Server Requirements	<p><i>Onsite Installations ONLY</i></p> <ul style="list-style-type: none"> <li>• 3.0 GHz Intel Xeon, Dual Core, or equivalent</li> <li>• 4 GB RAM</li> <li>• 5 GB free hard drive space</li> <li>• Windows Server 2008, 2012 (32 or 64 bit)</li> <li>• Microsoft .NET Framework 4.0 Full/Extended or higher</li> <li>• IIS 6.0, 7.0, 7.5, 8.0                             <ul style="list-style-type: none"> <li>• <i>The above estimate is based on 20 concurrent users. When possible, SUI recommends a dedicated server for the Web Link add-on module and the School Accounting System for optimal performance.</i></li> </ul> </li> </ul>
Important Note	<ul style="list-style-type: none"> <li>• <i>For Onsite Installations ONLY – To allow external access to Web Link, a security certificate would need to be obtained by the district. This certificate is not included when licensing Web Link.</i></li> </ul>
Internet Access	<ul style="list-style-type: none"> <li>• Connectivity to an Internet Service Provider (ISP) at a minimum of 1 Mbps</li> </ul>
Email	<ul style="list-style-type: none"> <li>• All Web Link module users must have an active email address to use the optional <b>Password Recovery</b> option.</li> </ul>

# Web Link Graphical Diagram

