

School Accounting System-Onsite

Below you will find our hardware recommendations 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 with any questions in regards to the hardware recommendations for the School Accounting System SQL version.

Hardware Recommendations - Onsite	
<p>Stand-Alone Host or Connecting SAS Client (1 SAS Client)</p>	<ul style="list-style-type: none"> • Windows 10 or 11 – Pro, Education, or Enterprise (64 bit) • 3.0+ GHz Intel Processor • 16GB+ RAM • 100GB+ SSD or PCIe Hard Drive (at least 50GB+ free space) • Monitor Size: 21" or larger
<p>Database Host Peer-to-Peer Networked Configuration (2-4 SAS Clients)</p>	<ul style="list-style-type: none"> • Windows 10 or 11 – Pro, Education, or Enterprise (64 bit) • 3.0+ GHz Intel Processor • 16GB+ RAM • 150GB+ SSD or PCIe Hard Drive (at least 100GB+ free space)
<p>Database Host Running included SQL Server Express (5 or more SAS Clients)</p>	<ul style="list-style-type: none"> • Windows Server 2016, 2019, 2022 • 3.0+ GHz x64 Intel Core i5 or Higher Processor • 16-32GB+ RAM • 200GB+ SSD or PCIe Hard Drive (at least 100GB+ free space)
<p>Database Host Running SQL Server 2017 Standard or Enterprise* (5 or more SAS Clients)</p>	<ul style="list-style-type: none"> • Windows Server 2016, 2019, 2022 • SQL Server 2017 Standard or Enterprise • 3.0+ GHz x64 Intel Xeon Multi-Core Processor • 16-32GB+ RAM • 250GB+ SSD or PCIe Hard Drive (at least 150GB+ free space)
<p>All Machines</p>	<ul style="list-style-type: none"> • Gigabit Ethernet Adapter • Public Internet download speed 10 Mbps or faster • .NET Framework 4.6.2 • <i>Windows 10 Home Edition is NOT Supported</i>
<p>Backup Solutions</p>	<p>SUI Recommends customers follow the 3-2-1 backup rule:</p> <ul style="list-style-type: none"> • 3 backup copies of your data • 2 backup copies on different backup media • 1 backup copy located offsite

*Requires separate purchase of SQL Server 2017 license. 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 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, most broadband connections to the Internet like fiber, cable, and DSL will work. While we do not recommend Wi-Fi connections, Wi-Fi connections generally work if the Wi-Fi router is connected to the public Internet over a wired broadband connection. The public Internet connections not currently supported are wireless, satellite, and Dial-On-Demand ISDN, due to the potential for high latency and variation in speed.

Hardware Recommendations - Online	
Operating Systems	<ul style="list-style-type: none"> • Recommended: Windows 10 or 11 – 64bit <ul style="list-style-type: none"> ○ RDP Client Version 10.0 or higher • Mac OS 12 (or higher) and Windows App (previously named Remote Desktop) <p><i>Chromebooks are not currently supported</i></p>
Laptop or Workstation Hardware	<ul style="list-style-type: none"> • 2+ GHz Intel Processor • 8-16GB+ RAM • 100GB+ Hard Drive (50GB Free Space)
Smart Phones and Tablets	<ul style="list-style-type: none"> • iOS 13 or higher or Android 9 or higher • 1 GB free space • Data speeds 5+ Mbps download • Screen Resolution 1366x768 or higher
Supported Browsers	<p><u>Windows:</u></p> <ul style="list-style-type: none"> • Recommended: Chrome • Chrome or Edge <p><i>(Important note for Windows 10 users: Edge browser not supported)</i></p> <p>• <u>Mac:</u></p> <ul style="list-style-type: none"> • Windows App
Internet Access	<ul style="list-style-type: none"> • Wired Broadband connection (10Mbps+ download) including fiber, cable, and DSL. <p><i>A wireless (Wi-Fi) connection to the Internet is not recommended.</i></p> <p><i>Geographical Restrictions: Traffic from unauthorized regions, outside of the U.S. and Canada, is blocked.</i></p>
Firewall Configuration	<p><u>Outbound Configuration of Firewalls / Routers</u></p> <p>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>
Monitor	<ul style="list-style-type: none"> • Minimum screen resolution of 1366x768 at 100% • 21 inch or greater recommended

Additional Recommendations	
Printers	Laser printers must have PCL5E or greater language and be 100% laser compatible. Inkjet and dot matrix printers are not supported.
Firewall – Onsite Only	If you have a firewall, we ask that you configure it properly to allow access to our Transfer Manager site (https://transfer.su-inc.com).
Email	Maintaining an active email account allows you to receive correspondence from Software Unlimited, Inc. Please add our domain, su-inc.com , to your safe sender list. For more information, please visit our Frequently Asked Questions on our website at www.su-inc.com/faqpage.asp (search keywords: Safe Sender).
Mobile Device	All users are required to enroll in Multi-Factor Authentication (MFA). Each user must have access to a mobile device (iOS or Android smartphone or tablet) capable of installing and running a standard authentication app to receive push notifications or generate secure verification codes.

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

Web Link Module Recommendations

Recommendations – All Web Link Users	
Recommended Browsers (current versions)	<ul style="list-style-type: none"> • Mozilla Firefox • Google Chrome • Apple Safari • Microsoft Edge
Supported Device OS (current versions)	<ul style="list-style-type: none"> • iOS • Android
Email	<ul style="list-style-type: none"> • All Web Link module users must have an active email address to use the optional Password Recovery option.
Hardware Recommendations – Web Link <u>Onsite</u> Only	
Server Recommendations	<ul style="list-style-type: none"> • 3.0+ GHz Intel Xeon multi-core processor • 16GB+ RAM • 20GB+ free hard drive space • Windows Server 2016, 2019, 2022 -- 64bit • Microsoft .NET Framework 4.0 Full/Extended or higher • IIS Version 10 or newer <ul style="list-style-type: none"> • <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>
HTTPS SSL Certificate	<ul style="list-style-type: none"> • <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 <u>not</u> included when licensing Web Link.</i>
Internet Access	<ul style="list-style-type: none"> • Wired broadband internet with a minimum of 10 Mbps upload speed

K12Docs Recommendations

Recommendations – All K12Docs Users	
Recommended Browsers (current versions)	<ul style="list-style-type: none"> • Google Chrome • Apple Safari • Microsoft Edge • Mozilla Firefox
Supported Device OS (current versions)	<ul style="list-style-type: none"> • Windows • Mac • iOS • Android
Scanner/MFD	<ul style="list-style-type: none"> • Ability to scan documents from an attached desktop scanner or access to a networked Multi-Function Device (MFD) scanner/copier.
Internet Access	<ul style="list-style-type: none"> • Broadband internet with a minimum of 10 Mbps upload speed
Onsite Hardware Recommendations – CloudConnect	
Server Recommendations for CloudConnect	<p>Overview of CloudConnect:</p> <p>The K12Docs CloudConnect service is a locally installed gateway that provides a simple, temporary, and secure store and forward method for capturing document images via a customer’s existing multi-function device (MFD), such as a copier/printer that has “Scan to Network” functionality. The MFD device requires configuration of the “Scan to Network” feature, uploading scanned documents to a “drop” folder on the CloudConnect server. The “drop folder” is a network share, configured on the server. The K12Docs CloudConnect service polls the drop folders every 60 seconds and uploads the scanned document(s) to a K12Docs Indexing List in the K12Docs Cloud environment. From there, users may use K12Docs in a browser for indexing the scanned documents into the appropriate filing structure provided by the K12Docs system. A typical configuration scenario has one drop folder per K12Docs Indexing Lists. In this 1 to 1 configuration mapping, multiple “Scan to Network” shortcuts would need to be configured on the server -- one for each drop folder.</p> <ul style="list-style-type: none"> • A non-dedicated Windows Server 2016 or higher (or Windows 10 or higher if using a PC) • 3.0+ GHz Intel Xeon multi-core processor • 16GB+ RAM • 1GB+ free hard drive space • Microsoft .NET Framework 4.0 Full/Extended or higher
Workstations (ONLY for users opting to install GX desktop software and/or optional advanced capture tools)	<ul style="list-style-type: none"> • Windows OS • 3.0+ GHz Intel Processor • 16GB+ RAM • 1GB+ free hard drive space • Monitor Size: 21” or larger • Gigabit Ethernet Adapter
Internet Access	<ul style="list-style-type: none"> • Wired broadband internet with a minimum of 10 Mbps upload speed