Server and Workstation Hardware

Recommended Hardware and Networking for Courtware Software

The following equipment recommendations are for new equipment purchases. Existing workstations and laptops/tablets running Windows 8.1 or greater should be able to run CSI software with minimal issues. Please contact us to request a test of the software in your network environment.

Workstation

Operating System	Windows 10 Professional or better
CPU	Quad core 3 Ghz processor or better.
Storage	500 GB hard drive or better.
Memory	8 GB RAM, 16 GB RAM recommended.
Anti-Virus	All workstations should be loaded with anti-virus/anti malware software.
Connectivity Options	Gigabit Ethernet Network Adapter.

Laptop

Operating System	Windows 10 Professional or better. (Windows 10 S is not supported)
CPU	Quad core 3 Ghz processor or better.
Storage	500 GB hard drive or better.
Memory	8 GB RAM, 16 GB RAM recommended
Anti-Virus	All workstations should be loaded with anti-virus/anti malware software.
Connectivity Options	Gigabit Ethernet Network Adapter.
	Wireless LAN connections for reports & data sync with server.
	Air Card WAN connection for GPS tracking, live messaging & remote data sync with server.

Tablet

Operating System	Windows 10 Professional or better. (Windows 10 S is not supported)
CPU	Quad core 2.4 Ghz processor or better.
Storage	128 GB SSD or hard drive or better.
Memory	8 GB RAM, 16GB recommended.
Anti-Virus	All tablet computers should be loaded with anti-virus/anti malware software.
Connectivity Options	Wireless LAN connections for reports & data sync with server.
	Air Card WAN connection for GPS tracking, live messaging & remote data sync with server.

Server

Operating System	Windows Server 2012 or better **
CPU	2 or more Dual or Quad core 2.4 Ghz processor or greater.
Storage	1 TB hard drive. Mirrored 2 drive configuration or RAID 5, striped set with parity recommended. (Larger hard drive with anticipated high qty of photos, files, docs, videos attached to cases)
Memory	16 GB RAM or better.
Data Security	Anti-virus/anti-malware software, hardware firewall/router, automatic system backup.
Connectivity Options	Gigabit Ethernet Network Adapter. Internet access for tech support.

** **Network Attached Storage devices (NAS) are not supported as application servers due to processor limitations which may cause performance issues**

** **Virtual Environments such as Citrix, VMware and Hyper-V may require additional setup for client usb devices such as signature pads, scanners, card readers and printers.**

** **We recommend using gigabit network switches and category 6 Ethernet cabling in your network infrastructure**

Initial testing of the CSI software has shown successful operation of the software on workstations with Windows 7/8.1/10 and servers with Windows Server 2008/2012/2016 Please contact us if you wish to have a network test of the software performed on your network.

Recommended Hardware for Courtware Software

Courtware Solutions, Inc. can provide all of the software that you need for Records Management, Court Management and E-Ticketing. However, you do have some hardware requirements to complete your solution.

Listed below is a collection of information we have received from existing clients who have done extensive research that has resulted in excellent cost effective solutions.

Printers

4" Ticket Printers

Star Micronics	www.starmicronics.com	TSP800II models: TSP847IIU-usb | TSP847IIBi2 - Bluetooth
Brother	www.brother.com	models: Rugged Jet 4030/RJ4030

Recommended Resellers: POSAsap (877) 300-8018   www.posasap.com   for Star printers
                        Brite Computers (941) 921-1293 for Brother printers

4" Receipt Printers

Epson Printers	www.pos.epson.com	models:	TM-U220D
Star Micronics	www.starmicronics.com	models:	SP0500 series

Mobile Printers

Brother Printers	www.brother.com	models:	PocketJet 6/6+

Office Printers (8 1/2 X 11)

Any printer supported by Windows can be utilized by Cloudcop Central or VCMS.

Document Scanners

Epson Scanners	http://www.epson.com	models:	Epson ES-400	**customer recommended**
Fujitsu Scanners	http://www.fujitsu.com/us	models:	Fujitsu Fi series	**customer recommended**

Twain scanner drivers are required for compatibility. Fujitsu snapscan are not compatible with hosting.

Car Mounts

LEMSolutions   www.lemsolutions.com
These mount platforms are designed specifically for the HP-400 series, the Pentax PocketJet Series, and Canon i90 and ip100 mobile printers.(The Headrest Printer Mount works well with the HP Officejet H470 printer)
Office: 336.275.2728

Jotto Desk   www.jottodesk.com   Jotto Desk has great inexpensive solutions for vehicle laptop mounts.

License Scanners

L-tron	www.l-tron.com	models: model 4910LR-151-LTRK microphone style DL area Image scanner. **Courtware Recommended**
TEEMI	teemistore.com	models: model T22 usb wired 2d barcode scanner **Courtware Recommended**

Property Room Equipment

Wasp Barcode	www.waspbarcode.com	WWS550i Freedom barcode scanner Wireless/Bluetooth.
Inateck Barcode	https://www.inateck.com	InaTeck 2.4Ghz Wireless P6
DYMO Printers	www.dymo.com/en-US	DYMO Label Writer 450 w/ Dymo labels #30256

GPS receivers

GlobalSat   www.globalsat.com   Globalsat BU-353-S4 Weather-proof USB GPS Receiver
                        USB connection and NMEA compliant

Signature Pads

Topaz Systems   www.topazsystems.com   SigLite models: T-LBK460-HSB-R, TF-LBK463-HSB-R or
                        T-S460-HSB-R.   **Courtware Recommended**

Internet

Minimum internet speeds: 25Mb/s download, 5 Mb/s upload.
Recommended internet speeds: 100 Mb/s download 10 Mb/s upload or greater.
4G LTE for mobile communications is recommended. (5-12 Mb/s upload, 2-5Mb/s down) or better.

For equipment sales please contact our sales department at sales@courtware.net