



## 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 7 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**  
**CPU**  
**Storage**  
**Memory**  
**Anti-Virus**  
**Connectivity Options**

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

#### Laptop

**Operating System**  
**CPU**  
**Storage**  
**Memory**  
**Anti-Virus**  
**Connectivity Options**

Windows 10 Professional or better. (Windows 10 S is not supported)  
Quad core 3 Ghz processor or better.  
500 GB hard drive or better.  
8 GB RAM, 16 GB RAM recommended  
All workstations should be loaded with anti-virus/anti malware software.  
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**  
**CPU**  
**Storage**  
**Memory**  
**Anti-Virus**  
**Connectivity Options**

Windows 10 Professional or better. (Windows 10 S is not supported)  
Quad core 2.4 Ghz processor or better.  
128 GB SSD or hard drive or better.  
8 GB RAM, 16GB recommended.  
All tablet computers should be loaded with anti-virus/anti malware software.  
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**  
**CPU**  
**Storage**  
  
**Memory**  
**Data Security**  
**Connectivity Options**

Windows Server 2012 or better \*\*  
2 or more Dual or Quad core 2.4 Ghz processor or greater.  
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)  
16 GB RAM or better.  
Anti-virus/anti-malware software, hardware firewall/router, automatic system backup.  
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



## 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](http://www.starmicronics.com) TSP800II models: TSP847IUII-usb | TSP847IIBi2 - Bluetooth  
Brother [www.brother.com](http://www.brother.com) models: Rugged Jet 4030/RJ4030  
Recommended Resellers: POSAsap (877) 300-8018 [www.posasap.com](http://www.posasap.com) for Star printers  
Brite Computers (941) 921-1293 for Brother printers

#### 4" Receipt Printers

Epson Printers [www.pos.epson.com](http://www.pos.epson.com) models: TM-U220D  
Star Micronics [www.starmicronics.com](http://www.starmicronics.com) models: SPO500 series

#### Mobile Printers

Brother Printers [www.brother.com](http://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.

### Car Mounts

LEMSolutions [www.lemsolutions.com](http://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](http://www.jottodesk.com) Jotto Desk has great inexpensive solutions for vehicle laptop mounts.

### License Scanners

L-tron [www.l-tron.com](http://www.l-tron.com) models: model 4910LR-151-LTRK microphone style DL area Image scanner. **Courtware Recommended**

E-seek [www.e-seek.com](http://www.e-seek.com) models: 260 2d barcode & magnetic strip reader.

### Property Room Equipment

Wasp Barcode [www.waspbarcode.com](http://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](http://www.dymo.com/en-US) DYMO Label Writer 450 w/ Dymo labels #30256

### GPS receivers

GlobalSat [www.globalsat.com](http://www.globalsat.com) Globalsat BU-353-S4 Weather-proof USB GPS Receiver  
USB connection and NMEA compliant

### Signature Pads

Topaz Systems [www.topazsystems.com](http://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.