



Recommended Server Specifications

Updated 2/24/22

Hardware Requirements Scaled by Number of Concurrent Users on the System

1-32 Concurrent users on the system

- 32GB Ram Minimum
- 2.4 or higher Processor - HT - 4 Cores
- 500gb Hard Drive (1.5 Preferably)

33-64 Concurrent users on the system

- 64GB Ram Minimum
- 2.8 or higher Processor - HT - 8 Cores
- 2TB Hard Drive or higher

65 or more Concurrent users on the system

- 128GB Ram Minimum
- 3.0 or higher Processor - HT - 16 Cores
- 6TB Hard Drive or higher

Physical Server

Storage

500GB Hard Drive Minimum (1.5TB Preferred based on agency size and future growth)

Communications

(4) 100/1000 Gigabit Network Cards (Covers LAN, NCIC, and future growth)

Faxing

Faxing no longer available (Must use Email)

Power Supply

Dual Hot Plug, Redundant Power Supplies preferred

Raid RAID 5

PERC Hardware Controller (No Software Raid Controllers)

Internal Optical Drive

DVD+RW, SATA, Internal Drive (External Drives can be used)

Virtual Servers

Processor

Processor size should be scaled based on resources available in the virtual environment

Memory

Memory should be scaled based on memory performance

Storage

500GB Hard Drive Minimum (Hard Drive space should be scaled based on available resources)

CD/DVD RW

Communications

(2) 100/1000 Gigabit Network Cards (Covers LAN, NCIC)

Faxing

Faxing no longer available (Must use Email)

Software

Operating System

Operating System Windows 2012 R2 Server™ SP1 Standard Edition X64 or higher w\appropriate CALs (Small Business Edition not recommended) For Legacy use only

Operating System Windows 2016 Server™ Standard Edition X64 or higher w\appropriate CALs (Small Business Edition not recommended) New Server Only Preferably 2019

SQL Server

SQL Server Microsoft SQL Server 2012, 2014, 2016 (for legacy servers only) 2019 Standard Edition w/appropriate CALs and above (New Servers), (SQL Server Express can be used in Smaller Network Environments with 5 or less users **CAD EXCLUDED**)

Backup

100 GB tape backup system with appropriate amount of backup tapes

Backup Software (i.e., Nova, Acronis)

Antivirus

Antivirus software

(Corporate Editions preferred)



Important Notes

- Digi Ports are required for Virtual servers that will be receiving ALI from a 911 controller.
- One physical server can run a combination of Southern Software applications (with minimum specs met)
- Southern Software server software can run in virtual environments (Virtual environments can use the same specs)
- Gigabit Network preferred
- Rack mounted servers purchased require 2/4 post racks – Ready Rails sliding rails without cable management preferred
- High Speed Internet Required
- Agencies using Southern Software MDIS/RMS in cars will need a VPN solution and Telecommunications Air Card
- SQL should not be the Domain Controller or Backup Domain Controller for the Agency.
- Drive Partitions should be allocated to have an OS drive and Data Drive: OS drive should be no less than 200GB.