

halFILE 4.x Network Hardware & Software Requirements & Recommendations

Minimum Server Hardware Requirements (File Server, SQL, IIS and Image Servers)

- Server 2008 R2 / Server 2012 R2 or higher
- Modern Xeon/Opteron quad core or greater CPU
- Multiple Processors (larger configurations)
- 8 GB RAM or greater (16GB recommended)
- 320 GB or greater Hard Disk Drive (for operating system and applications – does not include On-line Document Storage Requirements)
- RAID 1 (mirror), 5, 10 drives highly recommended
- 1000 Base-T (Gigabit) Network Interface Card

Terminal Server/Citrix Hardware Requirements (IF APPLICABLE)

- Modern Xeon/Opteron quad core or greater CPU
- Multiple Processors recommended (10 users per processor)
- 8 GB plus 32 MB/User or greater
- 320 GB or greater Hard Disk Drive (for operating system and applications – does not include On-Line Document Storage Requirements)
- RAID 1 (mirror), 5, 10 drives highly recommended
- 1000 Base-T Network Interface Card

Network Switch

- 1000 Base-T (Gigabit)

Scan/Retrieval Stations

- 1000 Base-T (Gigabit) Network Interface Card
- 19" to 21" Color Monitor set to 1280 x 720 resolution or higher

Workstation Requirements

- **Windows 7 Pro**** / Windows 8.1 Pro
- Windows 10 Pro or Enterprise
- Modern multi-core processor (at least 2 cores)
- 4 GB RAM
- 64-bit preferred / 32-bit supported
- 128 GB hard drive with 5 GB free space

halFILE does not run on home editions of Windows or Windows RT (tablets)

Recommended Configuration:

- Windows 10 Pro
- Quad core 64-bit processor
- 8 GB RAM
- 320 GB hard drive with 50GB free space

Scanner

- TWAIN compatible scanners from Fujitsu, Ricoh, or Panasonic.
- Fujitsu Scanners w PaperStream IP Drivers recommended

(other manufacturers require hal approval)

halFILE Database

- Microsoft SQL Server 64-bit (versions 2012, 2014, 2016, 2017)
 - hal Systems will supply SQL Express at no additional charge instead of Microsoft SQL Server if applicable
- (Others require approval, a platform fee may apply)**

On-Line Storage Options

- Large RAID array for image storage (2TB or more)
- HP, Dell, or comparable Network Attached Storage that supports SMB 2.1 and higher and active directory security

Firewall and Anti-Virus Protection

- Hardware firewall between Internet and your network is strongly recommended
- Anti-virus software protection required

Off-site Backup Options

- Portable USB or eSATA drive.
- Cloud Storage
- DLT/DAT tape.

Printer

Windows compatible laser

UPS (on server)

American Power Conversion or comparable Scale according to power requirements

Remote Support Connectivity

- AeroAdmin, provided by hal Systems
- Helpdesk, provided by hal Systems
- RDS (Terminal Services) or Citrix
- High speed Internet connection required

Note: We strongly recommend running supported versions of Microsoft software for performance and security purposes. **Microsoft stopped supporting SQL Server 2008 R2 July 9, 2019. **Windows 7 will no longer be supported by Microsoft beginning January 14, 2020.**

Please consult with hal Systems on Small Business / Essentials, Hyper-V/VMWare and other complex configurations