

HARDWARE REQUIREMENTS FOR EQUALIZER SYSTEMS **.NET VERSION**

The recommended requirements are subject to change; please contact us for an updated list if needed.

WORKSTATION REQUIREMENTS ^{5; 6}

Recommended

2.4 Core2Duo (or Faster) ¹
2048 MB RAM
40 GB **free** disk space ²
Windows XP Professional

Minimum

*Pentium Processor 2 Ghz
1024 MB RAM
20 GB free disk space
Windows XP Professional*

SERVER REQUIREMENTS ^{4; 5; 6}

Recommended

2.8 Ghz (or faster) Multi-Core Xeon Processor ¹
4096 MB RAM
100 GB free disk space ²
Windows 2003 Server or Windows 2008 Server

Minimum

*2Ghz (or faster) Single-Core Xeon Processor
2048 MB RAM
60 GB free disk space
Windows 2003 Server*

SQL RECOMMENDATIONS

Less than 15 users and Less than 15,000 parcels = SQL Express ³
Greater than 15,000 parcels or Greater than 15 users and Less than 25 users = SQL Workgroup
Greater than 25 users = SQL Workgroup CPU License ⁴
Greater than 50 users = SQL Standard CPU License ⁴

¹ Core2Duo/Xeon 1.5 Ghz processor is equivalent to a 3Ghz single core processor.

² Disk space is for machines expecting to run the program with data local to the machine. In a network environment, 4 GB of free disk space on the local machine is sufficient.

³ Environments running SQL Express are generally ok with a single appropriately-sized server.

⁴ Servers running SQL Standard or Workgroup assume that the server is largely dedicated to BS&A Software. Servers running other database engines (including but not limited to, Microsoft Exchange, other Microsoft SQL, or Pervasive SQL) will need greater resources to achieve desired results. Environments running the SQL Standard or Workgroup should strongly consider a dedicated MSSQL Server.

⁵ Tests are available on our website to ensure your workstations and servers meet BS&A's recommendations. Please see page 3 of this document for links/instructions.

⁶ At this time, BSA does not support 64-bit workstation operating systems; upcoming testing will determine whether or not we will. Regarding 64-bit servers: at this time, they are not capable of running the .Net apps (program files), but they are supported for the SQL.Net databases.

BSA Software has worked with IT Right for network services and implementation for over 10 years. If you are in need of IT services, please visit their site at: <http://www.itright.com>

VIRTUAL MACHINES

Virtual machines are unsupported. The use of Virtual machine environments either at the Server or Workstation is discouraged. BS&A has not thoroughly tested either VMWARE or Microsoft Virtual environments, and therefore cannot guarantee performance at any level.

The use of this and other unsupported environments is strongly discouraged due to the potential for poor performance and data loss.

PRINTER RECOMMENDATIONS

All printers used with Equalizer.NET programs MUST be on the Microsoft Hardware Compatibility List

Visit: <http://winqual.microsoft.com/hcl/Default.aspx> for a complete list.

RECEIPT PRINTER RECOMMENDATIONS (Cash Receipting System)

Receipt printers must be Microsoft OPOS.Net compatible.

<http://www.microsoft.com/dynamics/rms/product/hardwarecompatibility.mspx?category=Printer>

Example: **Epson TM-H6000III with Validation**

*****PLEASE NOTE:** the Ithaca Series 90/150 printers are compatible with Windows XP.
Ithaca series 90/150 printers will not work on Windows Vista.***

QUESTIONS & CONCERNS

Please contact Tech Support at 517.641.8900 or tech@bsasoftware.com

WORKSTATION AND SERVER HARDWARE TESTS

Servers running Microsoft SQL need to pass the BS&A Software .NET Hardware compatibility test.

Server Test: <http://www.bsasoftware.com/Portals/93/Linked%20Files/Server%20Hardware%20Test.vbs>

Workstation Test: http://www.bsasoftware.com/Portals/93/Linked%20Files/hardware_Test.vbs

If you are not viewing this document as a PDF, follow these instructions:

1. Go to our website (www.bsasoftware.com).
2. Click Program Support.
3. Click Technical Info.
4. Click the appropriate link: PC Hardware Test or Server Hardware Test.

5. Follow the prompts. When the test is complete, a page appears from I.T. Right with the specs detected.