Hardware and Software Requirements

PENTAGON 2000SQL™ for Windows · Empower Basic, single-user install

1 USER / LAPTOP CONFIGURATION

In a single-user configuration, Pentagon 2000 Empower Basic and its database run together on one laptop, with no separate file server, database server, or network setup required.

HARDWARE	
Processor	Intel Core i7 or better (i9 recommended)
Memory (RAM)	16 GB or better (24 or 32 GB recommended)
Storage	1 GB fast hard disk SSD drive
Monitor	27" or larger recommended
Display resolution	Minimum 1280 x 960, maximum 2048 x 1152

SOFTWARE	
Operating system	Windows 11 Professional
SQL Server collation	SQL_Latin1_General_CP1_CI_AS
Database	Microsoft SQL Server Express, local install
Application	Pentagon 2000 Empower Basic, local install

Printers, Backup & Imaging

- **Forms & Reports:** Any LaserJet printer, PCL6 compatible (HP LaserJet PCL6 recommended)
- **Bar-Code Labels:** Any Zebra Technologies bar code printer using ZPL / ZPL II, 203 dpi, 4 inch wide
- **Backup:** Any backup drive with capacity matching the hard drive, or another backup method that supports the SQL database backup program
- **Imaging:** Any TWAIN-compatible scanner with an automatic feeder. A network scanner with a static IP is recommended; remote access requires a third-party ‘Remote Scan’ program.

Fax Server Requirements

The right combination depends on the expected number of faxes sent daily. Choose the combination most applicable to your operations and fax volume.

Email Fax Services

Send and receive faxes by email directly from Pentagon 2000, no landline or fax machine required. When a document is submitted from Pentagon 2000 to the fax module, it is sent by email to the fax service provider, which delivers the fax to the destination you specified.

Mandatory Backup Systems

It is imperative to implement a backup system that safely and efficiently backs up your SQL database. Losing this data would cause significant setbacks to both operations and finances. Whichever backup utility you choose, make sure it carries out the SQL maintenance plan.

Implementation Guidelines

1. Get a Microsoft professional to install your network and SQL Server.
2. Plan your resources months ahead.
3. Assign team leaders with procedures responsibility.
4. Assign power users who will be your in-house experts.
5. Set up your system defaults and tables according to your business practices and company structure.
6. Plan your data conversion.
7. Get training from Pentagon 2000.
8. Practice on the system using your own data by running business cases.
9. Plan your going-live date.
10. Set up a daily automatic SQL database backup maintenance plan.

You can always call Pentagon 2000 with any question you may have.