

# PC Hardware Specifications

## DataTeam Systems, Inc.

### General Guidelines

Listed below are "Recommended" and "Minimum Required" hardware specifications to enjoyably operate your DataTeam programs. Please select at least the "Recommended" hardware configuration if you are a larger District, or have a bigger data set, or have multiple Workstations, or prefer the best available performance. Otherwise, select at least hardware that meets the Minimum Requirements.

Most of the processing is done at the Client Workstation and not at the optional separate Server. Thus you should emphasize performance of the Workstation more than performance of the separate Server. Also, for a shared data set upgrading to a 100 BaseT network instead of 10 BaseT will probably have more impact on performance than upgrading the PC's.

Basic configurations fall into three categories:

1. Standalone: This PC should meet at least Minimum Requirements, but for better performance select hardware that approaches or exceeds Recommended configurations.
2. Multiple Workstations but no separate Server: The Peer to Peer Server/Workstation should be the most powerful PC in the group, and it is highly recommended that the data set reside on this machine. This Server/Workstation should meet or exceed the Recommended configuration and the other Workstations should meet at least the Minimum Requirements.
3. Multiple Workstations with a separate Server: The Workstation should be the most powerful PC in the group of Workstations and should meet or exceed the Recommended configuration. The Server should meet or exceed the Minimum Requirements. The other Workstations should meet at least the Minimum Requirements.

How do you know what I need and what does Minimum Required mean? We don't. We can only give guidelines because there are many other factors involved other than just the DataTeam programs and data sets. What other programs do you run concurrently? What other data is on your machine? What level of performance do you personally consider "acceptable". These answers vary greatly and thus we can only give the following as our "Recommended" and "Minimum Requirements" assuming some averages in the industry.

Please note that DataTeam programs may run on less than the Minimum Requirements but this may not yield acceptable performance. If you are buying new, the Recommended equipment, or better, will serve you longer into the future. Minimum equipment is probably suitable only for smaller Districts.

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## **Client workstation, or Peer to Peer Server/Workstation-Recommended**

- \* 1.5 GHz Processor with 256 MB RAM (512 MB for processing Payroll)
- \* Windows XP Pro or Windows 2000 Pro
- \* 40-80GB Hard Drive
- \* CD-ROM
- \* 100 NIC
- \* Monitor running 1024 x 768 resolution

## **Client Workstation-Minimum Required**

- \* 600 MHz Processor with 192 MB RAM (256MB RAM for processing Payroll)
- \* Windows XP Pro, Windows 2000 Pro, ME, 98SE, NT
- \* 20GB Hard Drive
- \* CD-ROM
- \* 100 NIC
- \* Monitor running 1024 x 768 resolution

## **Dedicated Server-Recommended**

- \* 2.0 GHz Processor with 512MB RAM
- \* Windows XP Pro, Windows 2000 Pro, NT Server, Win2000 Server, Win2003 Server
- \* 100NIC

## **Dedicated Server-Minimum Required**

- \* 600 MHz Processor with 256 MB RAM
- \* Windows XP Pro, Windows 2000 Pro, NT Server, Win2000 Server, or Novell Server
- \* 100 NIC

## **Networks**

- \* Peer to Peer File Sharing via Microsoft networking running TCP/IP

## **Backup Recommendations**

You should have either a Zip Drive or a CDRW on the machine where the Fund Accounting2 data set resides. The primary Fund Accounting2 operator should have the ability to make frequent scheduled and unscheduled backups and restores.

## **PC Hardware Specifications Printer Recommendations**

We recommend office or small group Laser or LaserJet Printers, or better. We do not recommend personal or DeskJet type printers. Dot matrix printers are acceptable. If you have an older dot matrix printer, you should check compatibility with the latest Windows operating systems. As an option, some Districts print forms on dot matrix and reports on laser.