

## Hardware and Software Recommendations

Although your current hardware may be sufficient to run Visual 2000 DPMS or IIS, we do recommend the following configurations for the best performance.

**When you consider on server, company growth rate is the key part of selecting right hardware that will last at least 5 years.**

### Visual 2000 Client (PC)

In order to best run the new Visual 2000 SQL version, each client PC should be equipped with:

- Intel Dual Core Pentium D Processor or higher.
- Minimum 1GB is recommended for XP  
2GB or higher for Vista and Windows 7
- 500 MB of available disk space per database.
- 17" monitor or bigger with minimum 800x600 resolution.
- Standard keyboard / mouse
- Win XP, Vista and Windows 7

### Small server or Powerful PC (1 – 4 Users, Very Small business)

The powerful PC will be Visual 2000 workstation and also the server for other Visual 2000 stations.

- Intel Dual Core Pentium D Processor or higher.
- Minimum 2 GB RAM
- 4 GB available disk space (RAID1 mirrored drive configuration for data protection)
- Standard keyboard / mouse
- Microsoft Windows XP or higher.
- Microsoft SQL Server Express Edition.
- High speed internet connection for remote support

### Dedicated Server (5 – 8 users, Small business)

The backend server should be:

- Intel Xeon 3000 series Processor or better
- Minimum 3GB RAM or higher
- 5 GB available disk space (RAID1: mirrored drives) SATA 10KRPM or faster
- Standard keyboard / mouse
- Microsoft Windows 2003 Server OR 2008 Server.
- Microsoft SQL Server 2005/2008 Workgroup Edition or higher.
- High speed internet connection for remote support.

## Dedicated Server (9 –15 users, medium sized business)

The backend server should be:

- Two Intel Dual Core Xeon 5000 series Processor or better.
- Minimum 4GB RAM or higher
- 10 GB available disk space (mirrored drives) SCSI 15KRPM or higher
- Standard keyboard / mouse
- Microsoft Windows 2003 Server 64bit OR 2008 Server 64bit
- Microsoft SQL Server 2005/2008 Workgroup Edition or higher.
- High speed internet connection for remote support.

## Dedicated Server (15-29 users)

The backend server should be:

- Two Intel Quad Xeon 5000/5500 series processor or equivalent.
- Minimum 8GB RAM or higher
- 30GB available disk space in SAS 15KRPM with RAID10 Configuration
- 20GB available disk space in SAS 15KRPM with RAID1 Configuration for Operating System
- Standard keyboard / mouse
- Microsoft Windows 2003 Server 64bit OR 2008 Server 64bit
- Microsoft SQL Server 2005/2008 standard edition or higher.
- 1 GB/S Local network connection (Server and Switch have to have 1GB/S port)
- High speed internet connection for remote support.

## Dedicated Server (30- 50 users)

The backend server should be:

- Two Intel Quad Xeon 5000/5500 series processor or equivalent.
- Minimum 12GB RAM or higher
- 30GB available disk space in SAS 15KRPM with RAID10 Configuration
- 20GB available disk space in SAS 15KRPM with RAID1 Configuration for Operating System
- Standard keyboard / mouse
- Microsoft Windows 2003 Server 64bit OR 2008 Server 64bit
- Microsoft SQL Server 2005/2008 standard edition or higher.
- 1 GB/S Local network connection (Server and Switch have to have 1GB/S port)
- High speed internet connection for remote support.

## Dedicated Server (50 - 100 users)

The backend server should be:

- Two Intel Quad Xeon 5000/5500 series processor or equivalent.
- Minimum 24GB RAM or higher
- 40GB available disk space in SAS 15KRPM with RAID10 Configuration for DATABASE
- 30GB available disk space in SAS 15KRPM with RAID1 Configuration for Operating System
- Standard keyboard / mouse
- Microsoft Windows 2003 Server 64bit OR 2008 Server 64bit
- Microsoft SQL Server 2005/2008 standard edition or higher.
- 1 GB/S Local network connection (Server and Switch have to have 1GB/S port)
- High speed internet connection for remote support.



## Dedicated Server (75 - 125 users)

The backend server should be:

- Two Intel Quad Xeon 5000/5500 series processor or equivalent.
- Minimum 48GB RAM or higher
- 50GB available disk space in SAS 15KRPM with RAID10 Configuration for DATABASE
- 80GB available disk space in SAS 15KRPM with RAID10 Configuration for Operating System
- Standard keyboard / mouse
- Microsoft Windows 2003 Server 64bit OR 2008 Server 64bit
- Microsoft SQL Server 2005/2008 standard edition or higher.
- 10 GB/S Local network connection (Server and Switch have to have 10GB/S port)
- High speed internet connection for remote support.

## Dedicated Server (125 users or more)

- Please contact your company Visual 2000 Representative.

PLM: Add 2GB or more memory and 100MB for each additional user.

SFA: Add 2GB or more memory and 75MB for each additional user.

VIBE: Add 2GB or more memory and 100MB for each additional user.

**Above configuration is a base and the configuration should be changed according to actual customers' needs and business growth forecast.**

## Requirements

V3.0: no other requirements.

V5.0: Labelview 8 Gold Edition for single license (sold as is, installation charge applicable), or for network license, 3 users (includes installation)

SQL 2008 server Standard

\*Installation charge applicable.