

## **Recommended Minimum Hardware Specifications**

### **A) 1 x Production Server**

- ❑ Hardware: Intel Xeon Dual Processor 2.4 GHz with at least 1 GB of RAM.
- ❑ Hard disk Space: Minimum 30GB hard disk formatted and partitioned using the NTFS file system.
- ❑ Peripherals: CD-RW drive or DVD-RW drive or Zip drive or Tape drive. These peripherals can be installed internally or externally.

### **B) 1 x High-End Process PC (Backup Server - Optional)**

- ❑ Hardware: Intel Pentium 4 Processor 2.4 GHz with at least 512 MB of RAM.
- ❑ Hard disk Space: Minimum 20GB hard disk formatted using the NTFS file system.
- ❑ Peripherals (Optional): CD-RW drive or DVD-RW drive or Zip drive or Tape drive. These peripherals can be installed internally or externally.

### **C) Client Workstations [For Collections Staff]**

- ❑ Hardware: Intel Pentium 3 Processor (Minimum 1.5 GHz) with at least 128 MB of RAM
- ❑ Hard Disk Space: Minimum 5GB hard disk formatted using the NTFS / FAT32 file system.
- ❑ Peripherals: Not needed.

### **D) Supervisor / Administration Staff Workstations**

- ❑ Hardware: Intel Pentium 3/4 Processor (Minimum 1.5 GHz) with at least 256 MB of RAM
- ❑ Hard Disk Space: Minimum 10GB hard disk formatted using the NTFS / FAT32 file system.
- ❑ Peripherals (Optional): CD-RW drive or DVD-RW drive or Zip drive. These peripherals can be installed internally or externally.

## **System Software Specifications**

### **A) 1 x Production Server:**

- ❑ Internet / Intranet Web Application, running on Windows Server 2000, Windows Server 2003
- ❑ (\*) Internet Information Services (IIS) version 5.0 [minimum]
- ❑ (\*) Microsoft .NET Framework (version 1.1 and Service Pack 1) on Windows Server 2000.
- ❑ (\*) Microsoft .NET Framework (version 1.1 Service Pack 1) on Windows Server 2003.
- ❑ Database: Microsoft SQL Server 2000 (with Service Pack 3 / 3a)
- ❑ Application Development Tool: Microsoft Visual Studio .NET 2003 (Professional or Enterprise Architect Version)

### **B) 1 x High-End Process PC (Backup Server - Optional)**

- ❑ Internet / Intranet Web Application, running on Windows Server 2000, Windows XP Professional, Windows Server 2003
- ❑ (\*) Internet Information Services (IIS) version 5.0 [minimum]
- ❑ (\*) Microsoft .NET Framework (version 1.1 and Service Pack 1) on Windows Server 2000, Windows XP Professional.
- ❑ (\*) Microsoft .NET Framework (version 1.1 Service Pack 1) on Windows Server 2003.
- ❑ Database: Microsoft SQL Server 2000 (with Service Pack 3 / 3a)

### **C) Client Workstations [For collections staff]**

- ❑ Microsoft Windows 98 and above
- ❑ Internet Explorer 6.0 with SP1 and patches Installed

### **D) Supervisor / Administration Staff Workstations**

- ❑ Microsoft Windows 98 and above
- ❑ Internet Explorer 6.0 with SP1 and patches Installed
- ❑ Microsoft .NET Framework (version 1.1 with Service Pack 1) – For running of reports using Windows Application.

(\*):- Need to be installed separately as it is not installed by default during setup.



## **System Environment**

The system runs on Windows Platform using .NET as the underlying framework. It is not necessary to install Microsoft .NET Framework on the Client Workstations as there is no Windows Application installed.

## **Important Note**

- (1) The abovementioned hardware and software specifications are suited for an office environment between 1 – 10 users.
- (2) All Workstations will require SQL Agent license per PC depending on the number of users.
- (3) Although Windows 98, Windows 98 Second Edition, Windows ME can be used for the Workstations, Microsoft will only support them till June 2006.
- (4) All service packs and patches listed are available as free downloads from Microsoft.