

## Technical Specifications – OptiView

### Hosted Option

API is flexible in terms of the IT infrastructure needs of its clients. Your organization can opt to host your solution at our Tier 4 co-location facility and we will manage the installation for you.

### Self-Hosted Option

Or your organization can self-host your solution as well. Several configurations of hardware are available for the proper installation of OptiView in your own environment. This brief description of the OptiView architecture will aid in the decision for which hardware to select.

- A Server would host the OptiView programs and all OptiView users must be enrolled in OptiView on the server.
- The OptiView users will access OptiView via TCP/IP from the OptiView PC Client software installed on a PC or via the optional OptiView Web application.
- A scanning station must use the OptiView PC Client software. A cable will be required to attach the scanner to the PC. Special consideration should be given to the scanner cable length and to work area requirements when placing a scanning station.
- The most common method of storing images is to use a network attached storage (NAS) or a storage area network (SAN) device. The primary NAS or SAN provides the necessary disk storage of all archived image files. This machine requires a fixed IP Address.
- A second, optional, NAS may be used as a redundant storage device. This second NAS will provide a redundant place to store archived image files and provide a place to retrieve archived image files if for any reason the primary NAS is unavailable. The second or (secondary) NAS may be located in another building. All users must have access to the NAS devices. The secondary NAS device may be adequate for being the “Backup” for the archived image file in some installations. This machine also requires a fixed IP Address.

OptiView has a selection of methods developed to secure archived image files.

- The Text Search Processor (TS) is a stand-alone PC that will operate the OCR processor. This machine requires a fixed IP Address.
- The SQL Server will house the database for the TSO. This machine may be an existing SQL Server providing that it has enough resources to maintain the text search database. This machine requires a fixed IP Address.

## API Recommended *Minimum* Specifications of Equipment for the Implementation of OptiView

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Please remember these are simply **minimum** specifications based on a five concurrent user system. Additional users, site policies, and network design are among the factors that will require application of additional machine resources in order to achieve the desired performance.

### Image Display Desktop

#### Configurations:

Pentium or AMD 2 GHz or greater  
2 GB RAM  
80 GB Disk Drive  
100Mbps Ethernet Card  
19" SVGA Monitor  
Windows XP /Vista/7

### Scanning Workstation

#### Configurations:

Pentium or AMD 2.4 GHz or Greater  
2 GB RAM  
80 GB Disk Drive  
100Mbps Ethernet Card  
19" SVGA Monitor  
Windows XP /Vista/7

### SQL Server/OptiView Server:

Dual Xeon 2.8GHZ  
4 GB Memory Minimum on 32bit OS,  
6GB Memory on 64bit OS  
500 GB Disk, Raid 5 or better preferred  
100Mbps Ethernet Card  
Microsoft SQL Server 2005 / 2008 Standard / Enterprise ( 32 or 64 bit )  
Microsoft Windows Server 2003 / 2008 Standard / Enterprise ( 32 or 64 bit )

### TS (Text Search Processor PC):

Pentium 2.8GHZ or Greater  
2 GB RAM  
80 GB Disk  
100Mbps Ethernet Card  
15" SVGA Monitor  
Microsoft Windows XP/7 Pro

### Image Repository(s) Server (NAS):

Xeon 2.8GHZ  
4 GB RAM  
1 TB Disk, Raid 5  
Dual 100MB Ethernet w/ Load Balancing  
Microsoft Windows Storage Server 2003 Standard / Enterprise

### Form Processor Station:

*(Required only if this Option is Purchased)*

Pentium/AMD 2.8GHZ or Greater  
2 GB RAM  
80 GB Disk  
100Mbps Ethernet Card  
15" SVGA Monitor  
Microsoft Windows XP/7 Pro

### **OptiView Web**

*(Required only if this Option is Purchased)*

Xeon 2.8GHZ

4 GB Memory

80 GB Disk

100Mbps Ethernet Card

Microsoft Windows Server 2003/2008 Standard / Enterprise (\*without IIS)

\*Apache Web Server will be used

### **Dual Server Configuration**

Places the two NAS, TSO, SQL and OptiView Windows Server (if used) on two servers

#### **Server 1**

- Primary Image Repository
- SQL Server Standard
- OptiView Windows Server
  - Dual Core Xeon, 3GHZ
  - 4 GB RAM
  - 1 TB Raid5
  - MS SQL Server software
  - MS Windows 2003/2008 Server

#### **Server 2**

- Secondary Image Repository
- Text Search
  - Dual Core Xeon, 3GHZ
  - 4 GB RAM
  - 1 TB Raid5
  - MS Windows 2003/2008 Server