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System Requirements

Database / Application Server Minimum Requirements	
Processor	Intel Xeon 2.40 GHz or higher, Itanium processor 1 GHz or higher
Hard Drive Configuration	Raid 5 – recommended 2 partitions (although not required) <ul style="list-style-type: none"> • Boot volume – 30 – 40 GB • Data volume – Remainder of hard drive space allocated here (typical data volume will have between 100 – 500 GB allocated for image storage) • 300 MB of space is necessary for application and setup files, workstation deployment files, etc.
Ram	1 GB minimum, 4 GB recommended
Operating System (32-bit and 64-bit)	Windows 2003 Server with all required Windows updates, Windows Server 2003 R2 and service packs, Windows Server 2008, Windows Server 2008 R2 <ul style="list-style-type: none"> • .NET 3.5 SP1
Firewall	Port 1433 unblocked. SQL Server communicates using port 1433. If this port is blocked, Image Executive CEO will not function.

SQL Server Configuration Requirements	
Versions (32-bit/64-bit)	SQL 2000 Server SP4, SQL Server 2005 SP2, SQL Server 2008, SQL Server 2008 R2
SQL Components	<p>Recommended: SQL Server 2005 or SQL Server 2008</p> <ul style="list-style-type: none"> • SQL Server Express 2005 SP2 – Used for non enterprise installations. Supports up to 4 users. • SQL Server Management Studio, or Enterprise Manager (SQL Server 2000) • SQL Server Integration Services (SSIS), or DTS (SQL Server 2000) • SQL Server Business Intelligence Development Studio (BIDS) • Various client tools, etc.
Installation Assistance	If it would make things easier, CEO Image would be happy to assist with the installation of SQL Server in order to make sure the installation and configuration is correct. A copy of the install set could be put onto the server hard drive for that purpose.

NOTE: Image Executive CEO can use SQL Express and Vale software in a small network up to 4 users.

Workstation Minimum Requirements

Processor	Intel Pentium IV or higher
Hard Drive	50 MB for application files
Ram	500 MB for non-scanning workstations, 1 GB for scanning workstations
Operating System (32-bit and 64-bit)	Windows XP Professional, Windows Vista (Business or Ultimate), Windows 7 (Professional or Ultimate) <ul style="list-style-type: none"> All required Windows updates .NET 3.5 SP1

Web Server Minimum Requirements

Operating System (32-bit and 64-bit)	Windows Server 2003 with all appropriate updates and service packs, Windows Server 2008, Windows Server 2008 R2
Additional OS Requirements	<ul style="list-style-type: none"> .NET 3.5 SP1 ASP.NET 3.5 runtime installed and enabled on web server IIS installed
Ram	1 GB, 4 GB recommended
Disk Space	50 MB of storage, though this number fluctuates as the server purges its Document Cache.
Database	Access to SQL Server 2000, 2005, or 2008 that contains the Image Executive CEO database. Again, access to SQL Server is done through port 1433 which needs to be unblocked on the database server.

The Web application requires some directory access. The following table defines the permissions necessary for the local “**Network Service**” user.

Web application

Local Path	Share Name	Share Permissions
...\CEOServer\DocumentArchive\Filed	CEOFiled\$	Read-only

Atalsoft WebImageViewer

CEO Online uses Atalsoft’s WebImageViewer to provide image viewing capabilities. The WebImageViewer converts any known image type into a Web friendly format. It converts TIF files, for example, into PNG files. The component can only access images on mapped drives, so CEO Online caches Documents within the app’s virtual directory.

Each web server requires a WebImageViewer license. CEO’s quoted price assumes four cores or fewer on the web server, as more cores require additional licensing fees.

Once licensed, the application’s bin directory must contain an Atalsoft.dotImage.lic file generated using a serial number acquired from Atalsoft.

CEOServer Directory

In every installation of Image Executive CEO, a directory called “CEOServer” is created on the server. The location will be at the root of whatever hard drive has the most space available. Contained within the CEOServer directory is a series of subdirectories. By default, the directories within CEOServer manage filed and unfiled documents, full-text indexing, installation files, etc.

During setup of the server, a few key directories will have shares names associated with them. These are critical to operation of Image Executive CEO. The following table details the location, share name and the share permission necessary for each subdirectory within CEOServer.

Thick-client User

Local Path	Share Name	Share Permissions
...\CEOServer\DocumentArchive\Filed	CEOFiled\$	Modify
...\CEOServer\DocumentArchive\UnFiled	CEOUnFiled\$	Modify
...\CEOServer\FullTextIndex	CEOFullTextIndex\$	Modify
...\CEOServer\FullTextIndexHome	CEOFullTextIndexHome\$	Read-only
...\CEOServer\Setup\Workstation	CEOWorkstation\$	Read-only

Since the shares are managed under NTFS permissions, CEO Image recommends the creation of a “CEOUser” group. All users that will use Image Executive CEO should be added to this group including the “ceosys” user.

In addition to the permissions necessary for the CEOUser group, the local “**System**” user will need the following permissions for the shares listed below:

System User

Local Path	Share Name	Share Permissions
...\CEOServer\DocumentArchive\Filed	CEOFiled\$	Read-only
...\CEOServer\FullTextIndex	CEOFullTextIndex\$	Modify

The following share is necessary to access the images that were previously stored in the old Image Executive system.

Old CEO Image application

Local Path	Share Name	Share Permissions
...\CEO Image	CEO\$	Modify

Image Executive CEO Installation

The thick-client communicates with the SQL Server database on port 1433. The firewall on the server should not block this port. If this port is blocked, the thick-client will not function.

Installation of Image Executive CEO is accomplished by the following:

[NOTE: .NET 3.5 SP1 is a requirement for the thick-client]

1. From the workstation where the software will be installed, browse to the following location “\\SERVERNAME\CEOWorkstation\$\Image Executive CEO”
 - a. There are 2 files at this root;
 - i. Setup.exe
 - ii. ceo.config.exe
2. Double-click on the Setup.exe
 - a. The installer checks for .NET 3.5 SP1 and MDAC 2.8. If either is not there, it will install the missing required files and prompt to reboot the workstation. Once rebooted, the installer will continue with the installation.
 - b. For the most part, take the defaults to install the program. Optionally, you can change the location where the program will be installed on the workstation.
3. Once the installation has completed, right-click and select “copy” on the “ceo.config.exe” file located at [\\SERVERNAME\CEOWorkstation\\$\Image Executive CEO](\\SERVERNAME\CEOWorkstation$\Image Executive CEO)
4. Open the location where the software was installed on the workstation (the default installation location is “C:\Program Files\CEO Image Systems\Image Executive CEO”)
5. Paste the previously copied file into this location
6. When prompted to overwrite the existing file, take the option that will “OK” this action
7. This completes the Image Executive CEO installation. There should be a “CEO” icon on the desktop. Double-click this shortcut to launch the login screen.