

# CAPSYS | CAPTURE 4

## WHAT'S NEW IN CAPSYS CAPTURE 4.3?

### CAPSYS CAPTURE v4.3 - WEB-BASED CENTRALIZED AND DISTRIBUTED DATA AND DOCUMENT IMAGING CAPTURE

JULY 2012

CAPSYS CAPTURE, a Cloud or On-Premise web-based software application used by global enterprises to scan, index, process, and extract data from documents received electronically or via paper, email, e-tablets and fax from remote offices anywhere worldwide.

The newest release of CAPSYS CAPTURE, version 4.3, is packed with performance features and enhancements that help global enterprises to automate document driven business processes resulting in a reduction in operational costs, increased productivity and achieving a rapid ROI.

#### CAPSYS CAPTURE Web Client

##### **ASP.NET Support (4.3)**

All ASP based web pages in the Web Client have been updated to use ASP.NET.

##### **Improved Indexing Performance (4.3)**

Improvements have been made in the handling of metadata and thumbnails in order to improve indexing performance.

##### **Scriptlets Deprecated (4.3)**

All scriptlets used by the Web Client have been replaced with more secure Javascript and AJAX based technologies. Because of this change, there is no longer a requirement to enable the "Allow Scriptlets" permission in Internet Explorer.

##### **Restrict File Types on Import (4.3)**

Added a new feature to restrict the importing files in the Web Client to an allowed list. By default, all file types are permitted. Allowed file types are controlled in the resource.js file in the Web Client. This list may be edited for a specific CAPSYS install to prevent users from importing unwanted file types, or files that may potentially contain security threats (exe's, ppt's, etc.).

##### **Disable User Preferences (4.3)**

The ability for users to set their own Web Client preferences may be disabled in the resource.js file.

## CAPSYS CAPTURE Server

### **Increased Server Memory Utilization (4.3)**

The CAPSYS Server can now take advantage of up to 4GB of addressable memory when running on a 64-bit Windows operating system. NOTE: The CAPSYS Server is a 32-bit service, but takes advantage of the LARGEADDRESSAWARE flag so it can address up to 4GB of memory on a 64-bit OS. When running on a 32-bit OS, the CAPSYS Server can only address up to 2GB of memory.

### **Queue Monitor as a Service (4.3)**

The CAPSYS Queue Monitor now runs as a Windows Service.

### **.NET Sample Projects (4.3)**

Sample QSX projects written in .NET are now included when the Development Kit is installed.

### **Max Thread Count (4.3)**

QSX modules may now specify the maximum number of threads that they support. This QSX property is enforced in the Server Manager, as well as the CAPSYS Server.

### **Default Data Store (4.3)**

A Default Data Store location may now be specified from the General Settings tab in the Server Manager. Once set, the Default Data Store path will be the default path for all new processes.

### **Auto Batch Naming - Scan User (4.3)**

Auto batch naming can now include the scan user as a component of the batch name.

## Quick Server eXtension (QSX) Modules (Processing & Output)

### **New XML Importer QSX**

A universal, UI driven XML importer has been added that allows a high degree of flexibility in creating custom XML import routines without the need for programming or scripting.

### **Updated CAPSYS CAPTURE OCR (CCOCR) QSX (4.3)**

Numerous updates, particularly no page count limitations.

### **New 2D Barcode QSX (4.3)**

2D Barcode support in the Barcode/Separate QSX has been released and is now available for the recognition of 2D barcodes and the mapping of 2D barcode metadata to CAPSYS fields. Currently DataMatrix is supported.

### **Updated SharePoint 2010 QSX (4.3)**

An updated SharePoint QSX has been released and is now available for releasing documents from the CAPSYS system into a Microsoft SharePoint repository.

### **Updated OnBase QSX (4.3)**

A new OnBase QSX has been released and is now available for releasing documents into the OnBase document repository.

### **File Import QSX - Individual File Import (4.3)**

The File Import QSX has been enhanced to import individual files in addition to entire folders of files.

### **File Import QSX - Auto Rotate Support (4.3)**

The File Import QSX now supports the auto image rotation feature.

### **File Import QSX - Set Owner (4.3)**

The File Import QSX now includes an option to set the owner of newly created cases.

### **Export QSX - Multi Page TIFF Output (4.3)**

The Export QSX now includes an option to output the images for a document as a single multi-page TIFF file.

### **Barcode QSX - 3 of 9 changes (4.3)**

A new barcode type has been added, Code 39 (Full ASCII). When using this barcode type, full ASCII encoded barcodes are supported. Code 39 barcodes are restricted to 43 characters. The Full ASCII encoding treats combinations of 2 of the supported characters as a different character. For example, assume a barcode with the value %GTEST%l:

Normal encoding would return that exact value. Full ASCII encoding converts %G and %l into < and > and returns <TEST> (< and > are not in the 43 supported characters).

The CAPSYS Barcode QSX supports most of the Full ASCII encodings except control characters. Additional information about Full ASCII Code39 barcodes may be found in this article:

[http://en.wikipedia.org/wiki/Code\\_39](http://en.wikipedia.org/wiki/Code_39)

## **▲ Security Enhancements**

### **Password Management Dialog (4.3)**

The CAPSYS Server Manager now has a Password Management feature, accessible from the Users Tab. This dialog provides access to individual and global user password reset capabilities, as well as the ability to create password complexity rules.

### **Forced Password Reset (4.3)**

An administrator may force a password reset for one or more users, either immediately or upon next login. This feature may be accessed from the new Password Management Dialog.

### **Password Complexity Rules (4.3)**

An administrator may create password complexity rules for CAPSYS users. Password Complexity Rules will enforce new passwords to conform to the specified rule, including minimum lengths, required characters, etc. This feature may be accessed from the new Password Management Dialog.

### **Enhanced Web Service Security (4.3)**

The CAPSYS Web Service has been scrubbed for security vulnerabilities, and all known vulnerabilities have been secured. Changes were made to the way several web service functions obtained connections to the CAPSYS system to ensure that connections cannot be made and functions cannot be called by an outside application or attacker.

### **FTP Credential Encryption (4.3)**

FTP connection credentials are now encrypted with strong encryption.

## **▲ CAPSYS CAPTURE V4.3 Systems Requirements**

### **CAPSYS Web Client**

Windows XP, Windows Vista, Windows 7

Microsoft Internet Explorer 6.0 or higher

Pentium class PC (1 GHz or higher recommended)

512 megabytes of RAM or more (1 gigabyte of RAM or more for Windows Vista, Windows 7)

Designed for XGA resolution at 1280 x 1024 or higher

### **CAPSYS Server**

Windows XP Professional, Windows Vista Business 32/64-bit, Windows 7 32/64-bit, Windows Server 2003 32/64-bit, Windows Server 2008 32/64-bit\*

\*64-bit OS recommended for 4GB memory support

Pentium Class PC (2 GHz dual-core, dual processor or higher recommended)

1 GB RAM for Windows XP, 2 GB RAM or more for Windows Vista, Windows 7, Server 2003 and 2008

500 megabytes of disk space for application and supporting files

### **CAPSYS Web Server**

Windows XP Professional, Windows Vista Business 32/64-bit, Windows 7 32/64-bit ,Windows Server 2003 32/64-bit, Windows Server 2008 32/64-bit

Pentium Class PC (2 GHz dual-core or higher recommended)

1 GB RAM for Windows XP, 2 GB RAM or more for Windows Vista, Server 2003 and 2008

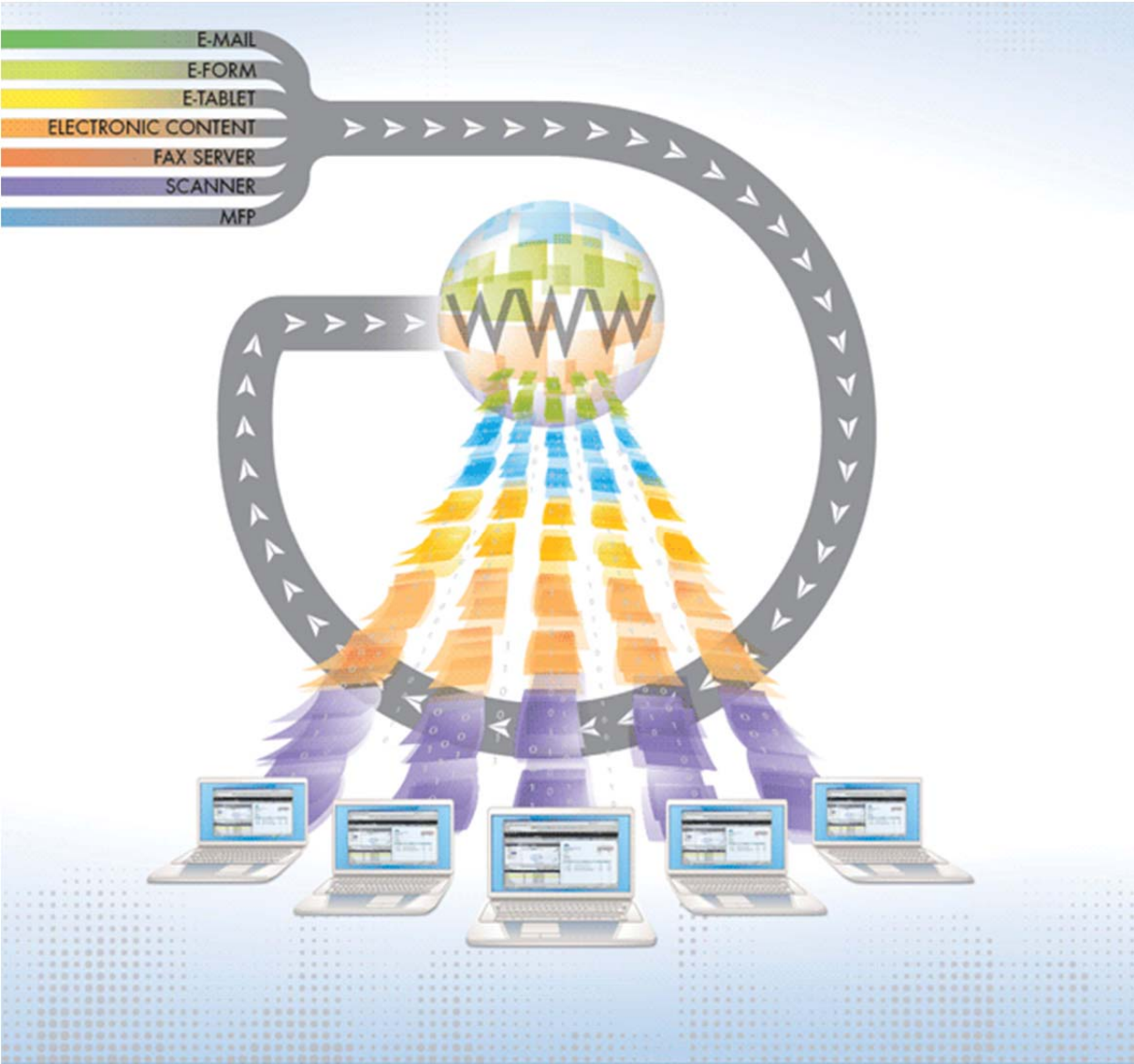
500 megabytes of disk space for application and supporting files

Microsoft Internet Information Server (IIS) 5.0 or higher

### **CAPSYS Database**

Microsoft SQL Server 2005 or 2008 with appropriate hardware configuration

# THE CAPSYS CAPTURE PROCESS



## THE POWER OF CHOICE

<b>ON-PREMISE</b> CAPSYS CAPTURE™	<b>ON-DEMAND</b> CAPSYS CAPTURE™ ONLINE	<b>PLUG-N-PLAY</b> CAPSYS AXIOM™
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