HighView 4 Release Notes

BUILD #208 7/25/14

Issue #	Description
8324	This release of HighView workflow processor provides a new option for users to select an 'order by' field. (The default is without order.) The setting for this option is available on the Tools menu (Tools/Option). Modifying selection criteria so that users can select InstanceID as the 'order by' field supports FIFO when processing work items.

BUILD #207 4/24/14

Issue #	Description
8099	Two workflow plugins have been added to integrate an Oracle package with the workflow processor. This enhancement implements PL/SQL functions for use in evaluating OCR quality and predictive release decision.

BUILD #206 3/21/14

Issue #	Description
7974	This release includes a new version of the workflow processor that provides enhanced security features for Text Extraction.
7899	This release includes an upgrade of PixTools 8.5 SP1.

BUILD #205 3/14/14

Issue #	Description
5426	Image Control has been modified to include a new option for HvICMOverlaySettingSet(). The ICM_OVERLAY_SETTING_DEFAULTSECURITYTYPE setting selector has been implemented to support a default security type for a particular overlay type (bracket, x-out, or polybracket). For example, when a user applies a bracket to a document, the security call-out will default to 'S'; for an x-out, the security call-out will default to 'U'.
7422	The HighView 4 installer has been upgraded to InstallShield 2012. This upgrade involved modifications to the build script.
7725	Modifications were made to objectwindow.dll HvICMBurndata() to correct the way HvICMSave() handles the ForceOpaque parameter. It can now provide a non-sealed image.
7744	This release includes installation files for the HighView Redaction Image Migration Utility. This tool supports the migration of overlay data from HighView 4 to HighView 5.

BUILD #204 10/16/13

Issue #	Description
5346	An old DLL was replaced for ADMS so that the Crystal Report viewer "Refresh" button is always hidden or disabled. This ensures that only HighView objects are used to refresh reports.
5351	This release includes an upgrade of Outside In to version 8.4, which in part addresses an issue in which TIFF file fail to convert to PDF during export.
5744	This change specifies that the file name of the custom dictionary HighView references should be the custom dictionary file name that MS Word uses by default. Previously, the dictionary name was hard-coded as "custom.dic".
6057	A fix has been provided to increase the max byte size on the HPC string type.

6379	A bug in the HvICMGetCurrentPrinter() method has been fixed. It had been reported that the method returned an empty string and did not support locating the current printer.
6696	A fix has been made to the HvIcmOpenImageEx() function in objectwindows.dll to handle a reported exception error related to opening text files in ICM windows.
6729	The HighView 4 installer was updated to include the Outside In version 8.4 redistribution files.
7060	This fix enables exact string matches with a new HPC function "HvListIconFindRowExact()" that supports FindStringExact(). In order to use this function in the application HPC forms, asGetDocData() must be modified.

BUILD #203 4/5/13

Issue #	Description
6483	Modified the ScanSoft OCR workflow plugin so that it does not launch an additional Nuance OCR executable. Fixed the problem causing only a partial return of the full result. Additionally enabled the OCR engine to recognize text within an image that has a watermark.
6354	Documentation for HvSMTPSendMessage() has been corrected. The correct separator to use for delimiting multiple email addresses is the semi-colon (;).
6073	Modified ScanSoft OCR workflow plugin to reset after each page is processed. When the OCR process has no output for a given page, the row for that page in the hvftdata table will be empty.

BUILD #202 1/18/13

Issue #	Description
5905	Modified HDE32.exe. to address issues with an extra space being inserted in the pseudo-xml wrapper elements for object-based events.
6073	Modified ScanSoft OCR workflow plugin to reset after each page is processed. When the OCR process has no output for a given page, the row for that page in the hvftdata table will be empty.

BUILD #201 11/7/12

Issue #	Description
5726	Modified HighView Workflow Processor installer to package the prerequisite software (Microsoft .NET Framework 4.0 and Microsoft Visual C++ 2010 Redistributable Package). Updated HighView Workflow Processor Guide (HVWFPGuide.pdf) to include information on prerequisites.
5851	Modified HDE32.exe to address issues with an empty line being appended to each open function in the editor when an .FTX file is compiled into an .FRM file and with a space being added to the pseudo-XML header that surrounds the event definition each time an event is opened.

BUILD #200 10/3/12

Issue #	Description
5747	Modified ScanSoft OCR workflow plugin to handle processing of CJK documents, which no longer worked correctly after the Nuance (formerly ScanSoft) OCR toolkits were upgraded to version 18.5.
5751	Modified HvShellExecute() to handle the error that was occurring when opening a document in HighView using a native viewer (fix implemented in hpcintfc32.dll).

BUILD #199 9/5/12

Issue #	Description
5612	Upgraded Nuance (formerly ScanSoft) OCR toolkits from version 12.5 to 18.5. The ScanSoft OCR and Zone OCR Barcode plugins have been modified to address the upgrade. The HighView Workflow Processor has also been modified to package Nuance 18.5 redistribution files. The following feature enhancements and improvements are included in this upgrade: significantly improved document layout retention, enhanced input and output format support (including PDF), a variety of output formats (including PDF) with improved layout retention, support of advanced Logical Form Recognition (LFR), support of several different image manipulation processes, support of additional languages (Brazilian, Dutch, Italian, Spanish, Swedish), Asian PDF file handling improvement, and better performance on Asian images.
5648	Modified HighView Advanced Batch Scanning to address issue with folder markers and getting the valid folder ID when handling documents that have loose pages.
5650	Modified HighView Grid control and TreeList control (the list feature) to add a new property, SortIgnoreCase, which handles sorting without case sensitivity. HDE32.exe has been modified to display this property in the Control Property tab. Previously, when sorting a grid or list control in HighView, sorting would always return ALL CAP items before items with mixed or lower case; now, sorting will ignore case. Using the updated HDE32.exe file, set this new property to true then compile HPC forms for the Grid control; for TreeList control, enable the option using the following command:

```
TreeListControl::ListSortIgnoreCase = TRUE; // sorting ignore case sensitive
```

BUILD #198   8/21/12

Issue #	Description
5594	Modified HighView Advanced Batch Scanning to maintain the set rotation of an image when working on the storage DB volume type.
5595	Modified HighView Advanced Batch Scanning to handle the scanning of duplicate folder IDs differently in order to avoid receiving an 'unable to get page information after deleting duplicate folder' exception (Error 1023).
5606	Fixed problem with the HighView Unified Icon Library that was keeping bitmap icon 4478 from displaying in the treelist control.

BUILD #197   8/7/12

Issue #	Description
5449	Added a new function, HvStorDBPutRemoteVB(), that accepts the DB storage table name. The existing function in storage32.dll, HvStorPutRemoteVB(), does not support the DB storage volume type.
5458	Modified HighView Advanced Batch Scanning to address issue of duplicate records being created when folders are deleted.
5500	Added exception handling in HvICMOpenData() and HvICMOpenDataEx() to avoid unnecessary error generation when calling OpenImage() in the Image Control in 64-bit environments.
5569	Modified HighView Advanced Batch Scanning to correct order of batches in the Resume Batch dialog box. Now, items are ordered by batch title for easier user retrieval.

BUILD #196 5/11/12

Issue #	Description
4727	Modified the objectwindow.dll file to unlock LZW compression for TIFF images in order to fix the issue with HvICMBurnDataEx() opening images and causing failures.
5096	Removed the "m_bPersistentZoom" warning message box that was displaying while scanning a page or viewing an image in Batch Scanning.

BUILD #195 2/14/12

Issue #	Description
4628	Modified HighView Advanced Batch Scanning to save the barcode algorithm settings in the HighView Advanced Batch Scanning INI file instead of the Kofax scanner settings. This fixes an issue with barcode settings persisting when switching between customized settings.
4691	Updated *HighView Workflow Processor Guide* (HVWFPGuide.pdf) to include instructions on manually installing the Workflow Processor Service.
4692	Modified the HighView Workflow Processor installation program to install the Workflow Processor Service as a Windows service when the Run as Service option is selected.
4702	Fixed issue with an image not persisting the zoom level when switching to the next page while using the HvICMOpenImage() call on the idxcontrol HPC form.
4703	Due to barcode printing issues, hvprntxt32.dll has been modified to set the font name correctly.

BUILD #194 1/20/12

Issue #	Description
3708	Modified HighView Image Processing Module (HvCleanup.exe) to include a security bypass future. This feature needed to be implemented so that the application could run in an environment with advanced security deployed.
4000	Modified Workflow DLL (WfSrvrEx.dll) to increase the user list to accept 5K characters in the BuildTheInUserList() function. This corrects the issue with WMFetchProcessDefinitionList() failing in the Inbasket form because the user list is too long.
4072	Modified HighView Workflow Processor installer to include LEADTOOLS PDF support files. Without these files, LEADTOOLS error -408 (ERROR_PDF_NOT_ENABLED) was occurring when handling a PDF file with the ScanSoft OCR plugin, causing the processing to fail.
4579	Modified HighView Advanced Batch Scanning to allow for users to change the maximum number of work items presented in the workflow list (this data is pulled from the HVBatchScan queue and was previously hardcoded to 1000). This setting can be configured in the Advanced Settings dialog box.
4590	Modified HighView Advanced Batch Scanning to update the database rows when deleting the last document or folder. This fix addresses the issue with "ghost" images being left when deleting scanned pages from the document or folder level in the tree view in HighView Advanced Batch Scanning.

BUILD #193 8/26/11

Issue #	Description
2177	Modified HighView Image Control to fix issue with exemption codes moving on redactions.
2188	Fixed issue with print sealed and document sealed images not displaying overlays in the same way. Modified HVICMBurnData() and the print with sealed option function to draw overlays in the order set by the overlay ID from the hvoverlays table. That way, the last redaction applied takes precedence (i.e., is on the top). Also, an SQL statement in hvst.ini needs to be modified. Open hvst.ini and search for "GETOVLINFO", then put the "order by overlay ID" at the end of the line. In addition, the following items have been fixed: Print Options Sealed is no longer missing bracket and bracket security classification, freehand, highlight, rectangle, and sticky note; Print Options Sealed now connects the exemption lines to a polygon correctly; and Print Options Sealed does not display redactions hatched.
2193	Modified HighView Image Control to address issue with the Page Denied overlay causing overlays to be removed.
2481	Fixed issue with an applied stamp resizing when sealing a document. This issue occurred due to the images contained in the document having different resolutions when they were scanned. Modified HighView Image Control and HvICMBurnData() function in the objectwindow.dll to handle images with different resolution values.
2537	Modified the Line Properties window for the line overlay to not display the Permissions tab. This modification prevents an exemption code from being set and associated with the Line tool when drawing a line.

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2805	Altered highview.exe so that the program will not increment the number of users if a logon request comes from the same machine that is running HighView. This fixes the issue with users receiving an error message ('you have exceeded # licenses') and not being allowed to log on to HighView.
2885	Modified Image Control's printselect() function, which is called from HVICMLoadPrinterEx(), to correct error that was occurring when the cancel action was initiated from the Page Setup dialog box. HVICMLoadPrinterEx() now correctly handles the Cancel button.
2892	Modified HvICMBurnData() to address issue with freehand overlays adding a line connecting the beginning and end of a freehand drawing when sealed.
2893	Modified Image Control to fix issue with annotation overlay printing small when using the printed sealed option.
2894	Modified Image Control to show Doc ID and Ref ID when printing Page Denied watermark with the print sealed option.
2972	Modified Image Control to address the incorrect focus issue that was occurring when using an overlay and then selecting a different one from the shortcut menu. Instead of switching the overlay tool, the focus was misinterpreting the action request and would go into 'move overlay' mode.
3224	Addressed issue involving redactions with associated code blocks on overlays being assigned to different code blocks when applying code blocks to uncoded redactions.
3489	Upgrading Outside In to version 8.3.7 and setting correct graphic option fixed issue with incorrectly displayed PDF files. Since an export option (smooth graphic when resized) needs to be set when handling incorrect PDF files, a new HPC function, HvOutsideInSetGraphicOption(OIEXOPT_GRAPHIC_SIZEDMETHOD, OIEXGRAPHIC_SMOOTHSIZING) has been created.
3649	Updated the prototypes.txt file and enlarged the argument string for HvCryptEncryptBufferToBase64() function to avoid HPC stack errors.
3696	Modified code in the metafunctions.dll to suppress an error message being generated after using HvPDFConvertToImagesEx() or HvOutsideInConvertToTIFFile().
3708	Modified HighView Image Processing Module (HvCleanup.exe) to include a security bypass future. This feature needed to be implemented so that the application could run in an environment with advanced security deployed.
3934	Modified HighView 4 installers to handle the upgrade of Outside In version 8.3.7.
4018	Corrected example for HvDOSGetDirSize() provided in HPC online help (HPCFUNC.HLP). This is a documentation change only.

BUILD #192 4/25/11

Issue #	Description
3031	In order to fix an issue with results not being properly rendered in a combo box, a new HPC function, HvComboFindRowExact(), has been implemented that will support exact string matched row results.
3445	Implemented means for handling a security bypass option for database storage. The Advanced Batch Scanning module and the two plugins (wfpscansoft and ftindexing) have been modified to support this feature.

BUILD #191 11/17/10

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2806 Modified Advanced Batch Scanning to address issue with scanned batches not being available to workflow when the Database Security Logon Using Server Name option is selected.

2808 Modified ScanSoft OCR plugin to access the HVUSER_ACLTS security table directly to avoid the 'Could not get document ID' error that occurs when the document ID associated with a section ID does not have a record or if the member ID for the document ID is assigned to a specific user ID. Also added an option on the configuration dialog box so that the security policy can be bypassed.

2828 Modified Advanced Batch Scanning to address issue with deleting folders (an 'unknown software' exception displays instead).

BUILD #190 9/22/10

Issue # **Description**

2654 Modified HighView Web Gateway so that it can be installed on systems running Windows® 7. With Microsoft® .NET Framework 1.1 SP1 included in the HighView Web Gateway installation, virtual directories should be created correctly during installation so no related errors should occur. Microsoft® Internet Information Services 7 will need to be configured for HighView Web Gateway running on Microsoft® Windows Vista® or Windows 7 systems. To configure IIS 7:
  1. Microsoft .NET Framework 1.1 SP1 installation is required.
  2. Go to **Start > Control Panel > Programs**; click **Turn Windows features on or off** link. On Windows Features dialog box, expand Internet Information Services level and select "ISAPI Extensions" feature; click **OK** to install.
  3. In Internet Information Services (IIS) Manager, click **Handler Mappings** in the Features View; ensure that "ISAPI-dll" is enabled.
  4. In Internet Information Services (IIS) Manager, click **ISAPI and CGI Restrictions** in the Features View; add and allow the "HighView Web Gateway" DLL (e.g. C:\HvWeb\HvWebEx.dll).

2701 Fixed issue with the HighView registered trademark character (®) not displaying correctly in the HighView About box when using the 4.0.189 binaries (Unicode build) since this character is extended ASCII code. The HPC form has been modified to get any trademark characters from the file instead of from hard code in the form.

BUILD #189 8/17/10

Issue #	Description
2516	Modified HighView Advanced Batch Scanning to address issue with pages not deleting in a proper and consistent manner.
2531	Modified the HighView field object so that lookup buttons are positioned correctly during form resize events.
2623	Added a ListColumnResize event to the HighView TreeList control. This will notify a control's parent window that the column has been resized on the list control.
2628	Modified the HighView TreeList control to fix issue with using large fonts on the treelist. Also, added a TreeUseLargeIcon property to the HighView TreeList control. If the property is not set, it will use the default icon size (16x16). Example:

```
//CKL set tree font size
HighViewTreeList::TreeFontSize = 14;
HighViewTreeList::TreeFontName = "Tahoma";
// set the tree control to use 20x20 pixel icon
HighViewTreeList::TreeUseLargeIcon = TRUE;
```

BUILD #188 7/9/10

Issue #	Description
2484	Fixed ScanSoft OCR plugin (wfpScanSoft_OCR) so that HighView Workflow Processor no longer locks up when trying to OCR a Chinese-Simplified document image.
2532	Fixed issue with Text Extraction DLL not extracting data from XLS and XLSX files. When Oracle Policy Filter feature is on, use the Oracle version and spreadsheet version to handle files differently during text extraction process. (Oracle Policy Filter feature will turn off automatically if handling Office 2007 spreadsheet files in Oracle 10g.)

BUILD #187 6/25/10

Issue #	Description
2236	Modified the HighView Web Gateway installation program by upgrading InstallShield to version 10. This upgrade should enable HighView Web Gateway to be installed on Windows Vista operating systems.
2237	Modified HighView Image Control to link HighView LEADTOOLS display library (hvdllt.dll) statically instead of dynamically. Dynamic linking was causing an exception to occur for any methods in the Image Control running on Windows Vista.
2463	Fixed issue with the HighView Workflow Processing failing to process documents during text extraction. Modified a Text Extraction plugin extract_file() function that was posting a warning message in the log file instead of returning a failure if the hvsectionlanguage table was missing.

Issue #	Description

252	Added functionality to enable Annotation notes to be viewable from a hitlist. Created ForceReadOnly option to allow any overlay type to have read-only properties. (Use HvICMChangeClickMenu() to make sure the overlay type is available to be accessed on the image.) Option can be used with HvICMOverlaySettingSet(); for example:
	`HvIcmOverlaySettingSet(window, OVERLAY_TYPE_IMAGE_ANNOTATION,`
	`ICM_OVERLAY_SETTING_FORCEREADONLY, "1"); //make annotation overlay for read only`

471	Fixed issue with lines through text not printing correctly. Modified Image Control so that printing and viewing should be on the same scale for comparison with text type overlays such as stamp and text box.
480	Modified HvICMBurnData() to seal overlays in the following order: text, stamp, line overlays, and then redactions. This will enable text boxes, stamps, and lines to be hidden behind redactions in a sealed document.

527	Added a new HPC function, HvOutsideInGetFileID(), to determine file type (e.g. PDF, DOC, WAV, MPG, etc.) to aid in confirming file extensions being imported. Example:
	`int filetype;`
	`string filetypedesc`
	`HvOutsideInGetFileID``("c:\temp\testfile",filetype,@filetypedesc);`
	`// check constants.txt for more file type constants.`
	`if (filetype == FI_WINWORD2007)`
	`//did something...`
	`Endif`

572	Modified the Image Control to handle brackets with redaction codes since redaction code groups were not appearing on brackets after being assigned.
876	Fixed issue with overlays printing opaque regardless of FORCEOPAQUE setting by modifying the printing routine so that any non-opaque overlays (e.g., redactions, highlights) draw to the LEADTOOLS device content (DC) before printing to the printer DC. (This fix should address the problem on any PostScript printer.)
1001	Modified Image Control by adding option on the redaction code block properties dialog box to enable the wrap redaction code block feature. (This option is set to non-wrapped by default.) This new option allows for the placing of redactions on a document without having the redaction text overwrite unredacted text.

1192	Implemented new constant, FORM_ACTIVEXSIZED, to fix issue with unruly cursor performing unwanted actions due to inaccurate focus (for instance, opening the wrong document in a list of files when attempting to open a selected document). Use new constant and implement the following code in the FORMSIZE event:
	`// HPC form will receive event type (FORM_ACTIVEXSIZED) when treelist control`
	`// scrolls vertically. Reposition treelist item control while form is resized.`
	`if (TypeOfSize==FORM_ACTIVEXSIZED)`
	`hvwindowgetclientrect(#form, @wxpos,@wypos,@wwidth,@whght);`
	`HvWindowMove(#tlcItems,5, 5, wwidth-150, whght-170);`
	`end`

1225	Modified Image Control to add a command ("Select All Uncoded Redactions") to the shortcut menu. This enhancement enables users to select all multi-code redactions on a single page that are currently uncoded so they can assign collective redaction codes.
1226	Modified Page Denied watermark to blank out an entire page with exemptions on it while the image is being saved.
1227	Fixed issue with lines through text not printing correctly. Modified Image Control so that printing and viewing should be on the same scale for comparison with text type overlays such as stamp and text box.

1230	Modified the Image Control to allow any overlays being selected to have activities (such as resize) when other tools are actively working.
1540	Fixed issue with single-code redactions and stamps not sealing in a document. Modified Image Control to draw single-code redactions and stamp upon calling the save (seal) function.
1573	Modified the Redaction Properties dialog box for Page Denied to not display the Permissions tab since "No Error" was displaying as a tab instead.
1578	Corrected issue with HvICMOverlaySetDefaults() to disable printing redaction codes in a single-code redaction by using SHOWDESC=0 as a parameter.
1597	Removed "Select Overlay" command from the shortcut menu if the overlay has been set to read-only mode. In that state, only "Properties" for the overlay should display.
1674	Modified Image Control to fix issue with lines being printed behind stamps instead of in front of them. Now, a stamp will be drawn first and then the line during printing.
1696	Fixed issue with redaction code block moving under multi-code redaction when sealed.
1859	Modified Image Control to address issue with watermarks being deleted when saving rotated images.
1949	A delay in the display of applied redactions and associated redaction code blocks was occurring due to the database query having difficulty figuring out the last associated ID to use. The database query logic on the user event of the HPC form should be replaced with HvICMCallDisplayFunction(ICM_DISPFTN_MAXASSOCIATEDID), which returns the maximum associated ID to the application. For example: //return the current max associated ID from the image control HvICMCallDisplayFunction(#imgwindow, ICM_DISPFTN_MAXASSOCIATEDID, "" , @iMaxAssociatedID, @stemp); //check the current max ID with the one returned from image control if (iMaxAssociatedID > giMax) giMax = iMaxAssociatedID; end //increment the maxID giMax = giMax + 1;
2000	Modified the drawing function in the Image Control to fix issue with the Print Sealed option hiding brackets and highlights on images. Overlays now are drawn in the following order: 1) text box, stamp, and line; 2) any type of redactions and exemption code; 3) bracket, security, highlight, freehand, rectangle, annotation, and sticky note.
2009	Modified Image Control to fix wrapped text issue on drawing function.
2011	Modified HvICMBurnData() to fix the undesired wrapping of long exemption code blocks when sealing.
2012	Modified Image Control to activate redraw event when scrolling the horizontal bar.
2051	Modified HighView Image Control to address issue with the resizing of stamps, text boxes, and sticky boxes when navigating between pages with different view scaling settings in the image viewer.
2110	Modified HvICMBurnData() function to draw associated redaction code blocks in Page Denied overlay when sealing and printing a sealed document.
2166	Updated HighView Image Control to apply the latest modified font style instead of the default (if changed) when using the Assign Code Group option to create exemption code blocks.

2171	Fixed issue with Bracket Classification Lines being doubled when printed. Modified HighView Image control to only show one Bracket Classification Line.
2280	Foreign languages do not populate correctly in the database table when using an HPC form or function. To fix this issue, the environment variable should be set to UTF8 in HighView.exe (previously, this code was located in dbrtn32.dll).
2387	The HPC function, HvOutsideInGetFileID(), has been modified to return the most common Microsoft Office file types. This function requires Oracle Outside In version 8.3.2. (A set of HPC constants represents the file types.)

Example:
```
int filetype;
string filetypedesc
HvOutsideInGetFileID("c:\temp\testfile.docx",filetype,@filetypedesc);
// check constants.txt for more file type
if (filetype == FI_WINWORD2007)
//did something....
elif (filetype == FI_WINWORD2003)
//did something....
elif (filetype == FI_RTF)
//did something....
elif (filetype == FI_TEXT)
//did something....
end
```

BUILD #185 5/13/10

Issue #	Description
2182	Fixed issue with blank page being produced when converting an Excel file to TIFF. Modified HVOutsideInConvertToTIFFFile() to set the page information if the provided input spreadsheet does not have page setting information.
2238	Modified HighView Workflow Processor to fix issue with the configuration file not loading when Windows Vista is the operating system. When calling the Load() method with XmlDocument, the .NET class was not checking the return code. This method does not return any return code and is defined as void.
2239	Modified HighView TreeList control to address the issue of multiple selected rows in a list becoming unreadable if the treelist loses focus.
2288	Modified ScanSoft OCR workflow plugin to not depend on ScanSoft API. This will prevent the plugin DLL loading error that was occurring when running HighView Workflow Processor on a Windows Vista operating system.
2376	Modified HvGetMD5Hash() to address the extract hash code error. It was failing on Word documents when trying to extract has codes.

BUILD #184 3/12/10

Issue #	Description
2099	Implemented a new HPC function, HvOutsideInConvertToPDFFileEx(), to support the converting of a set of files (including TIFF files) to a single PDF file. This function required upgrading Oracle Outside In to version 8.3.2, along with the latest HighView binaries (4.0.184). Existing HPC forms need to be modified to take advantage of this new functionality.
2112	Modified the HighView installation program and project file to package the Oracle Outside In 8.3.2 files (for support of multiple file PDF conversion and export).

BUILD #183 3/5/10

Issue #	Description
2085	Modified HighView TreeList to include the CanDragTree property, which provides the capability to disable the drag-and-drop feature in the treelist control.
1481	Modified Advanced Batch Scanning to have a specific indicator (i.e., icon) for exception placeholders in the tree view. This indicator will signify that, during scanning, the bar code for the exception placeholder is not recognized.

BUILD #182 2/23/10

Issue #	Description
1902	Modified Text Extraction plugin (Oracle Outside In 8.2.2) to handle Microsoft Excel spreadsheet files using the Oracle policy filter solution, which is a new option in the configuration. (This option requires a stored procedure installed on the database.)

BUILD #181 2/3/10

Issue #	Description
1998	Fixed issue with HighView Web Gateway receiving an 'Error attempting to execute html query' message when more than one page of results are retrieved and displayed in the Hitlist.

BUILD #180 1/28/10

Issue #	Description
1768	Modified the TreeList control to add a splitter position property so that users can set or get the splitter position between the tree and list portions.
1937	Modified the HighView TreeList control to support Unicode data when populating the list using the InsertIntoTreeWithAlData() method.
1976	Modified the Text display library in Image Control to handle UTF-8 files mixed with ASCII text and non-English characters. Also, corrected the calculation of the buffer size. This should fix the issue with HvICMOpenData() failing to open files with Unicode characters.

BUILD #179 12/16/09

Issue #	Description
924	Modified the HighView TreeList control as a custom drawn control; exposed font type and size properties for it so that the default values can be adjusted.
1695	Modified the HighView Image Processing Module (HvCleanup.exe) to address issue with obtaining page information when processing batches.
1712	Modified the HighView TreeList control by adding two new methods, SetTreeIconID() and GetTreeIconID(), that support dynamically changing the Tree icon.
1744	Modified HvStrLenBytes() so that it will no longer overflow and return a negative number when a long string (e.g. >32K) is passed.
1770	Modified HvDOSFileRead() to allow reading data in a file that is less than 2 MB in size.
1775	Fixed issue with embedded images in Word documents not displaying in the ICM window (INSO viewer). The INSO display library in the Image Control has been modified to change the display mode to 'normal' as the default. The HvICMCallDisplayFunction() has been updated to include this functionality.

BUILD #178 11/19/09

Issue #	Description
1623	Modified the HighView print text routine (hvprntxt32.dll) to support Unicode characters in HvPrintTextStartDocument().
1650	Fixed display issue by modifying the metafunctions.dll to ignore a text file (.TXT) as an internal file type.
1668	Removed the Save Query button from the hitlist on the HighView Web Gateway.
1695	Modified the HighView Image Processing Module (HvCleanup.exe) to address issue with obtaining page information when processing batches.

BUILD #177 10/15/09

Issue #	Description
1481	Modified Advanced Batch Scanning to have a specific indicator (i.e., icon) for exception placeholders in the tree view. This indicator will signify that, during scanning, the bar code for the exception placeholder is not recognized.
1580	Modified Advanced Batch Scanning to fix issue with the document marker populating incorrectly if there is only one page in the document.
1592	Fixed issue with CreateHvDocument method failing if input attribute data includes the comma character. Modified the CreateHvDocument method in the HighView Web Service to accept string array data type as a parameter instead of a string.
1598	Modified Workflow Text Extraction plugin to remove the warning message box that was displaying when saving changes in its configuration dialog box.

BUILD #176 9/16/09

Issue #	Description
1160	Fixed issue with HvSQLFileToText() failing to import text files. TsDbHpcApi.cpp has been altered to expect data buffer length as first 4 bytes of data string.
1238	Files converted from PDF to TIFF and then converted back to PDF resulted in larger file sizes. LZW compression is now used to save the PDF files. (Note: If the original PDF is text-based, then it will be a smaller file size than the image-based file that results from PDF to TIFF and TIFF to PDF conversion.)
1331	Fixed issue with lookup fields not correctly populating on forms that have several lookup buttons.
1386	Developed a web service that provides HighView document creation capability. It is packaged as part of the HighView Web Gateway installation.

BUILD #175 5/18/09

Issue #	Description
821	Implemented an option to turn on/off non-Latin script capability on HighView form objects. Added an INI entry to set the allowunicode flag in HighView through the Application Designer. Created HvFieldSetUnicodeAllowedFlag() to not allow UNICODE input on each field.
902	Fixed large format export issue by modifying HvMTIFFCreateMultiPageTiffEx() to use a specific compression format for handling if dealing with 4-bit color images (16 color) in particular.
1067	Modified the TreeList control to address an issue that occurred when clicking column sorting at the top of the list, which caused the tree portion to not respond on a selchanged event.

BUILD #174 3/6/09

Issue #	Description
876	Fixed issue with overlays printing opaque regardless of FORCEOPAQUE setting by modifying the printing routine so that any non-opaque overlays (e.g., redactions, highlights) draw to the LEADTOOLS device content (DC) before printing to the printer DC. (This fix should address the problem on any PostScript printer.)
886	Modified BypassPromptForLogin() function to correct issue causing the Workflow Processor to not start automatically when installed as a service.

BUILD #173 2/5/09

Issue #	Description
760	Modified Batch Splitter plugin for Workflow Processor; added a processing option to the plugin's configuration dialog box.
806	Fixed HighView binaries function to handle user_defined_1 data correctly; previously, corrupt data was being produced in the user_defined_1 column when an overlay was being modified, moved, or resized.
844	Modified Web Gateway export feature. Added a message box to prompt the user prior to performing an export (provides ability to cancel if necessary); added convert native file to PDF functionality to support any section type when exporting.

BUILD #172 12/16/08

Issue #	Description
687	Modified HighView Fax Server to delete the temp file in the HighView Temp folder if any errors occur when receiving faxes.
695	Recovered the existing code of the previous version (4.0.168) of HighView Web Gateway that successfully supported the document export functionality. (This feature was not working in versions 4.0.169 and later.)
697	Added new function--PbUrlEncryptEx(), which is a specific external, non-HPC function--to hvurlfuncs.dll that enables Powerbuilder to access the encryptURL functionality in HighView Web Gateway.
712	Modified the Outside In display libraries (hvdlinso.dll) and export function to set the Unicode reorder option as the default while viewing or exporting any document. Previously, the INSO viewer (Outside In version 8.2 used with the 171 binaries) was reversing the text in Arabic documents.
733	Modfiied the Outside In extract text functions--HvOutsideInExtractTextToString() and HvOutsideInExtractTextToFile()--to use ASCII code as the default input characters set. Previously, the document contents of an exported Word document were appearing as asterisks instead of actual text.

BUILD #171 11/14/08

Issue #	Description
651	To prevent OCR Cleanup GPF errors, the HighView Zone OCR Barcode Plugin has been modified to populate all the batch pages on the hvocrzone table even when no barcode is found on a page.
657 672	In order to fix 'maximum number of users exceeded' error, highview.exe has been modified so that the program will not increment the number of users if the request came from the same machine that is running HighView.
680	Modified the HighView Advanced Batch Scanning Module to use the new HighView security scheme for populating the Assigned Users drop-down list (so that it works the same as the Batch Scanning form in HighView 4). Previously, the Assigned Users option was not displaying the correct list of users that were available for selection.
682	Fixed issue with rotating image in the HighView Advanced Batch Scanning Module causing errors and GPFs. Apparently, rotating an image more than once would cause the scanner control to be lost. Advanced Batch Scanning has been modified to not unreserve/reserve the scanner device during image rotation.

BUILD #170 10/31/08

Issue #	Description
633	Added duplicate document control options to Auto Indexing plugin configuration.
634	Added exception handling code to HighView Configuration Utility to prevent GPF errors when applying template changes.
635	Modified the license file on build machine to display correct license information. Previously, when installing HighView components, the license information still displayed "Vredenburg" as the company name with an outdated copyright.

641	Modified the return value for HvICMOpenImage() in the objectwindow.dll to address issue with non-TIFF electronic files not displaying in the Image Viewer. (This issue only occurred on a Windows 2003 Server.)
642	Modified the return value for HvICMOpenImage() in objectwindow.dll to address issue with simulated scan (TIFF) files not displaying in HighView Batch Scanning. (This issue only occurred on a Windows 2003 Server.)
650	Modified the Auto Indexing plugin to populate metadata when the duplicate document control is set to allow duplicate document names.

BUILD #169 10/27/08

Issue #	Description
615	Modified the splash screen for HighView (and HighView-based applications) so that the version number can be displayed clearly.
631	Added an initial version of database security for the HighView Web Gateway.

BUILD #168 10/10/08

Issue #	Description
243	Fixed issue with freehand text displaying too lightly on image and also when printed and sealed.
244	Fixed issue with annotation on image appearing too small (and Subject line not displaying under icon at all).
252	Added functionality to enable Annotation notes to be viewable from a hitlist. Created ForceReadOnly option to allow any overlay type to have read-only properties. (Use HvICMChangeClickMenu() to make sure the overlay type is available to be accessed on the image.) Option can be used with HvICMOverlaySettingSet(); for example: <pre>HvIcmOverlaySettingSet(window, OVERLAY_TYPE_IMAGE_ANNOTATION, ICM_OVERLAY_SETTING_FORCEREADONLY, "1"); //make annotation overlay for read only</pre>
283	Fixed issue with a single line stamp becoming two lines after it was rotated.

467	Implemented the new ListStopPopulated() method and ListPopulated() event on the HVTreeList control to support ability to cancel the population of a treelist control. Also modified HPC form to provide a Cancel dialog box so that the user can cancel at any time while populating the list. The following HPC example code should be added on the ListPopulated() event within the treelist control of the hitlist form:
	<pre>int rc;
	//only open the cancel dialog once
	if (nIndex == 0)
	 rc = HvCancelOpen(#form,"Populating List","The current number is... "+string(nIndex));
	end
	//update the row count on the dialog box
	HvCancelUpdate("The current number is..."+string(nIndex));
	//close cancel dialog and call Liststoppopulated() to stop cancel button clicked
	rc = HvCancelHit();
	if (rc == TRUE)
	        tlcHitList::ListStopPopulated();
	        rc = HvCancelClose();
	end
	//check the flag if list populated was done then close the cancel dialog box
	if (bDone)
	        rc = HvCancelClose();
	end</pre>

567	Added a new set of combo box HPC functions that support row number as long integer. The existing HvComboGetCurRow() function was failing on combo boxes with more than 32,767 rows due to a short int limit.
572	Modified the Image Control to handle brackets with redaction codes since redaction code groups were not appearing on brackets after being assigned.
576	Modified the TsVbMetaSecDelete() in the metafunctions.dll so that the document section can be deleted for the HighView volume type set to DB type when the Overwrite check box is selected. Previously, when the section was not deleted, it caused a duplicate section to be produced.
588	Modified the Auto Indexing plugin (for the HighView Workflow Processor) to store extracted metadata on a particular indexed field (this data can also be configured).
24722	Added the FindTreeItemByItemText() method to the TreeList control to accept a path string and to return the tree node of the closest match. This addition should improve performance when dealing with many nodes.
25634	Modified Image Control so that a bitmap stamp overlay will have a dark border frame around it when printing or sealing.
27216	Fixed issue with Freehand tool not holding position when moved on an image after being saved.
27217	Fixed issue caused by rotating a stamp; the top of the frame text box was being suppressed.
27218	Fixed issue with View Creator not working on Ellipse and Polygonal redactions.
27219	Modified Image Control to open an image using 100% scale value as default. This fixed a stamp position issue that was occurring when resizing a stamp and drawing a line through a word with the bitmap and frame text options disabled.
27220	Fixed issue with lines connecting other exemptions moving when one redaction exemption is repositioned.
27223	Modified Image Control to recalculate the size of the sticky overlay. This fixed an issue with the color of the short sticky note extending beyond the sticky note frame (on the right side).
27225	Fixed issue with single Polygonal redaction changing colors (from light gray to black) when printed.
27235	With the Hide All Overlays print option enabled, exemptions were appearing on a printed image. This issue has been fixed.
27236	With the Print Sealed print option enabled, redactions with exemptions were missing from the printed image. This issue has been fixed.
27245	Fixed issue with HvMapiSendMessage() HPCINTFC.DLL function exception occurring when a Microsoft Office PowerPoint file type is included in an e-mail message.
27304	Modified the Image Control code block overlay draw function to address the problem of errors occurring consistently when an image that has many overlays is moved around (using the Pan tool or scroll bar) in an image window.

27355	To support 508 compliance for an edit control, added an option to the hvw32.ini file and modified HighView to create HighView objects in a specific order (i.e., the field followed by its corresponding label) on an HPC form. To enable the 508 compliance option, the following entry in the hvw32.ini file is required:
	`[HighView32]`
	`508ComplianceEditBox=1`

BUILD #167 9/25/08

Issue #	Description
524	Implemented two plugins (to run within the Workflow Processor) that replace the OCR Indexing process ("HVOCRIDX" HPC form) and OCR/Barcode server (hvzoneocrsrv.exe).

BUILD #166 9/19/08

Issue #	Description
527	Added a new HPC function, HvOutsideInGetFileID(), to determine file type (e.g. PDF, DOC, WAV, MPG, etc.) to aid in confirming file extensions being imported. **Example:**

```
int filetype;
string filetypedesc
HvOutsideInGetFileID("c:\temp\testfile",filetype,@filetypedesc);
// check constants.txt for more file type constants.
if (filetype == FI_WINWORD2007)
//did something....
Endif
```

BUILD #165 8/15/08

Issue #	Description
357	Fixed issue with the Lookup button for an Edit field not functioning (the popup dialog box was not displaying when the user clicked the Lookup button on an HPC form).
358	Updated text content on HighView ST (4.x) splash screen.
378	Fixed issue with general protection fault (GPF) occurring whenever applying template changes and copying and pasting objects in the HighView Configuration Utility.
379	Fixed issue with hvsection_aft_upd_del_row and Hvthemes_del_row triggers prohibiting deletion of documents and sections in HighView.
393	Updated Advanced Batch Scanning, Image Cleanup, Workflow Processor, and Workflow Composer modules to hide passwords in database connection strings to avoid potential security risks.
464	Modified installer to upgrade the Oracle (formerly "Stellent") Outside In toolkit to version 8.2.2 for HighView ST and modules.

BUILD #164 7/11/08

Issue #	Description
264	Updated Web Gateway to provide users with the capability to export documents retrieved through the program. (Format of the indexing information in the data.txt file exported from Web Gateway now matches that of the HighView file exported.)
347	Updated information displayed on splash screen and About box for HighView Advanced Batch Scanning module.
357	Fixed issue with the Lookup button for an Edit field not functioning (the popup dialog box was not displaying when the user clicked the Lookup button on an HPC form).
358	Updated text content on HighView ST (4.x) splash screen.

BUILD #163 6/24/08

Issue #	Description
264	Updated Web Gateway to provide users with the capability to export documents retrieved through the program.

BUILD #162 4/18/08

Issue #	Description
26542	Incorporated a patch from Oracle Outside In into Workflow Processor, version 4.0.162 to address an issue with Text Extraction (wfpTxtExtract) not working properly. (When running a TIFF file through text processing and Abbyy OCR plugin, the OCR section would generate, but the XT section would only partially complete.)
26917	Modified transition rules so that they do not have a limit of 30 when connected to a Decision in the Workflow Composer.
27021	Updated version numbers of the various HighView 4 stand-alone modules (e.g. Workflow Processor, Advanced Batch Scanning, Fax Server, etc.) to provide a consistent numbering system for the internal automatic build process. The build label (4.0.*xxx*) will be used as the version number for all modules.

BUILD #161 3/20/08

Issue #	Description
26152	Fixed issue with text beneath overlays being obscured when printed using PostScript printer drivers. Modified the Image Control to support a new INI file (hvw32.ini) setting option ("`PostScriptPrint=1`" under "`[ICMSetup]`") to turn on printing for PostScript printer drivers. If the entry does not exist in the INI file, HighView will assume a PCL driver is being used instead, and it will proceed with a regular printing routine on the Image Control.
26323	Modified highview.exe to address scroll bar accessibility issues when using the minimum allowed display resolution setting. Recalculated the maximum x and y positions of all form objects to prevent the problem when using low resolution.
26457	Modified hvcleanup.exe to address Workflow API error. Setup program (plus ScanFix online manual and required files) has also been modified for HighView Cleanup program.

BUILD #160 3/6/08

Issue #	Description
25612	Fixed issue with Workflow Processor hanging on same work item when using multiple Workflow Processors concurrently. The 'Show Database Error' option (available on the Options dialog box in the Workflow Processor, version 3.3.160) can be used to disable the message box a user would receive when a "no wait" error occurs; instead, the Workflow Processor would wait for the other Workflow Processor to commit the transaction (i.e., check out work items).
26336	Fixed issue with the wfpTxtExtract plugin hanging the Workflow Processor when processing unhandled file types by implementing a timeout option (which can be configured on the OutsideIn Text Extraction Configuration dialog box in the Workflow Processor, version 3.3.160). This option is not set by default.

BUILD #159 2/19/08

Issue #	Description
26335	Added a new HPC function, HvOutsideInConvertToPDFFile(), to convert any native documents to the PDF file format using the Outside In PDF Export API. (This function works with Outside In version 8.2 only.)

BUILD #158 2/5/08

Issue #	Description
26230	Objectwindow.dll has been updated to fix an error on MTIFFCreateMultiPageTiffEx() that was occurring with certain TIFF images.

BUILD #157 1/11/08

Issue #	Description
26039	When running as a service, the HighView Fax Server occasionally stops processing incoming faxes. Fixed issue by implementing a configurable automatic restart feature.

BUILD #156 11/6/07

Issue #	Description
25716	Any applied or rotated text would be suppressed until saved. This issue has been fixed so that the text remains visible.
25798	Modified Image Control to fix issue with text overlay displaying extra box when sealed.
25859	Added option to wfpFTindex plugin to bypass security policy for hvsection table update.
25913	When canceling the action of assigning a group code for redactions, exemption lines would appear and the Assign Code Group option would no longer be available. This issue has been resolved so that the exemption lines are not inserted and the Assign Code Group option remains available for selection after canceling.
25921	Modified the security class of the Image Control in order to address issue with security overlay changing classifications when moved.
25951	Fixed issue with the Page Denied watermark not covering the entire burned image when data is contained in the margins. Also fixed issue with partial text displaying on image and when burned.
25958	When creating a bracket overlay, the associated security overlay would be opaque even though the default setting was transparent. If the setting was changed to opaque, then the background would turn blue. The Image Control security class has been modified to address these issues.
25959	Modified multi-code redaction class in Image Control to disable the Show Redaction Description option since it is not applicable for multi-code redactions.
25960	When applying a multi-code redaction and assigning it to an existing code group, there would be no immediate visual indication that the code had been applied. The multi-code redaction class of the Image Control has been modified to address this problem.
25961	Modified the Image Control to fix an issue with the focus being stuck in a 'move the selected overlay' mode.
25969	Modified the redaction code block class of the Image Control to fix issue with a transparent redaction code block printing as a solid block.

~ build #156 continued ~

~ build #156 continued ~

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25974	The properties box for the Page Denied watermark has been refactored to disable some options that are not applicable. The options for changing text/font size, escapement, and transparency are still available.
25975	Fixed issue with not being able to assign a code group directly to a multi-code redaction.
25989	If a text overlay had carriage returns in it, they would display and burn on the image as black boxes. The text and sticky note overlay types have been modified to use DrawText() instead of TextOut() so the carriage returns will not display or burn.
25992	Modified Image Control to display entire list of overlay tools in the shortcut menu.
26001	When burned on an image, a DIF watermark would be reduced in size. This issue has been fixed.

BUILD #155 10/5/07

Issue #	Description
25231	Fixed scaling issues with stamps and exemption code blocks; modified HvICMBurnData() to validate that the position of the stamp overlay is on the paper when burned.
25461	Fixed issue with an update of the hvoverlays table being triggered on an open redaction code block properties dialog box even if no changes were made.
25540	Modified the drawing background mode (by setting it to "Opaque") when drawing an "uncoded" or single code polygonal redaction. This was done in order to fix the uncoded redaction with no white background problem that occurred when a stamp with a transparent background was on a page.
25541	Fixed issue regarding inability to resize image (by zooming in/out) with a watermark.
25561	Fixed issue concerning the framed text disappearing from around a stamp when sealing a document.
25567	Clicking the Cancel button on the properties dialog box for a text overlay caused the existing text to disappear. This issue has been fixed.
25591	Added HvICMBurnDataEx() function to provide the functionality for users to be able to pass the desired overlay types to be burned. This new function is an alternate solution to using HvICMSave(), which has been causing a lot of overhead processing on the Image Control.
25633	Fixed issue with text being suppressed until saved when rotating a non-bitmap stamp.
25634	Widened pen width when printing so stamp frame does not appear too light.
25658	Fixed issue with stamp text not wrapping in frame after turning off the bitmap.
25711	When attempting to burn a document containing DIF watermarks with exemption codes, the burn may either fail or produce undesired results. This issue has been fixed.
25713	On an image, if moving a newly drawn redaction with an associated exemption code, all other exemption codes would also move. This issue has been fixed so that only the selected exemption moves.
25716	Any applied or rotated text would be suppressed until saved. This issue has been fixed so that the text remains visible.
25747	Placing a stamp could occur on the gray area surrounding an image. This incorrect functionality has been removed; applying a stamp is now constrained to the image area.

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25799	Modified HvcImage.OCX to adjust the rectangle size when printing a stamp overlay. Stamp text was displaying and printing outside of the frame when the bitmap option was not selected.
25800	Modified the redaction exemption code overlay to support text rotating when the image has been rotated to avoid a flicker effect.
25803	Fixed issue with redaction code block not appearing at end of line; modified HvcImage.OCX to update the redaction exemption code position when zooming or rotating an image.
25865	Modified HvcImage.OCX to handle redaction exemption code with additional text. Previously, a redaction exemption code would not expand to display additional text.

BUILD #154 8/24/07

Issue #	Description
25528	Barcode scanning was not working; HvICMGetBarCodeString() has been modified to return the correct barcode string.
25777	An error occurred in the Workflow Processor (version 3.3.144.1) when attempting to process work items through the ScanSoft plugin without the "Create PDF File" configuration option selected. This issue has been fixed.

BUILD #153 6/1/07

Issue #	Description

25492	Modified bracket overlay so a default Classification Bracket code could be set. Example:
	`HvICMOverlaySetDefaults(window, OVERLAY_TYPE_IMAGE_SECURITY, "TYPE=0");`
	`//set code to "Secret"`

25519	Fixed issue with Systran failing while processing work items in the Workflow Processor. The issue occurred when the system had an ACL (involving the hvsection and docexhvsection tables) applied on the database.
25540	Modified the drawing background mode (by setting it to "Opaque") when drawing an "uncoded" or single code redaction. This was done in order to fix the uncoded redaction with no white background problem that occurred when a stamp with a transparent background was on a page.
25552	Fixed issue that caused numbering anomalies during batch scanning. The issue occurred when scanning (or rescanning) a page after the "out of paper" message displayed.

BUILD #152 5/11/07

Issue #	Description
25423	Added functionality to run the HighView Fax Server as a service.
25446	Updated HighView Fax Server to provide inbound fax number capture capability.
25461	Fixed issue with an update of the hvoverlays table being triggered on an open redaction code block properties dialog box even if no changes were made.
25490	Modified stamp to save position after being resized. Also, fixed issue with with stamp not printing as displayed after being resized.

BUILD #149 4/27/07

Issue #	Description
25440	Modified TsVbMetaGetconnectstring() by changing prototype to use VARIANT instead of unprotected char* and removing reliability on caller knowing internal buffer sizes. Also included prototype in .bas and .def files.
25424	Fixed issue with HighView application not starting by changing all keysets passed into DB_Init() to be machine keysets.
25416	Added HvICMDataGetControllong() to return image width and height. This new function fixed the issue with exceptions being caused after burning a number of documents in HighView.

BUILD #148 4/26/07

Issue #	Description
25446	Modified HighView Fax Server to provide the identity of receiving fax machines in the HighView Database for every fax received.

BUILD #147 3/30/07

Issue #	Description
24028	Errors were occurring in the Electronic Document Importer and the Image File Importer when working with non-Latin file names (in a database volume). Modified HvFileDlgOpenMulti() to support Unicode file names.
24859	Fixed memory leak issue in Image Control that occurred while displaying an image (particularly when using the scroll bar on the image window).
25314	Fixed stamp wrapping issues that occurred when image size changed in image window.

BUILD #145 3/9/07

Issue #	Description
24859	Added HVICMBurnData() function to support burning redactions as an alternate solution to using HVICMSave().
25231	Fixed scaling issues with stamps and exemption code blocks.

BUILD #144 2/9/07

Issue #	Description
25123	Added the TsMetaGetconnectstring()metafunction to expose the functionality for decrypting connect strings so they can be accessed from C# or Visual Basic projects.
25160	The ScanSoft plugin was not creating PDA files when running HighView Workflow Processor. This issue has been fixed for version 3.3.144 of the Workfow Processor.
25162	Import configuration feature was not working properly (despite indicating success) in the HighView Workflow Processor. Issue fixed for Workflow Processor v3.3.144.

BUILD #143 1/26/07

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Issue #	Description
23849	Fixed inability to import extremely large (i.e., over 900 MB) files by modifying HvGetFileMD5() and HvMetaPutRemote() to handle reading a file by chunks instead of the entire file at once.
24028	Fixed issue with the Electronic Document Importer producing errors on Unicode file names when using a database volume.
24462	Modified wfpScanSoft.dll to handle bitmaps when performing text processing.
24600	A new function, HvICMCallDisplayFunction(functionnumber:13), has been implemented to return the current select exemption codes of the current redaction.
24800	When placing a redaction over a stamp, it would instead appear behind the stamp. This issue has been fixed by changing the drawing overlays order.
24816	Modified the Workflow Processor to run as a service.
24870	Fixed issue associated with receiving a HighView fatal error after applying redactions to a document, saving the document, and trying to rotate.
24925	Set the default for a stamp to show as a bitmap (with option to turn off bitmap).
24939	Fixed issue with the page delimiters for a document's images without OCR being incorrect. Images without OCR should now contain proper start-end page markers and OCR text should only display for images with OCR.
25018	Fixed issue with sticky note text disappearing when rotating an image to the right.
25091	Fixed issue with TIFF to PDF conversion returning an error.

BUILD #142 12/12/06

Issue #	Description
23179	Modified hpcintfc32.dll due to the HvCancelUpdate() function not displaying multiple lines of text in a Cancel message box properly.
24650	Fixed issue with overlay going off of page when adding a multi-lined sticky note.
24653	Fixed issue of only the first sticky note being selected when there are multiple sticky notes presented side-by-side.
24673	Fixed issue with the appearance of redaction code blocks (e.g. large font size, text hanging off page) changing when images not scanned at 300 dpi are sealed or burned.
24677	Fixed HvcImage.OCX issue with exemption codes going off of a page.
24928	Fixed issue with the Workflow Processor producing errors during text extraction of non-TIFF documents by providing an updated version.

BUILD #141 8/25/06

Issue #	Description
24248	Modified SAMPLEOCR.EXE (a test application) to ensure that the OCR process is the same as the process used by the ScanSoft plugin (SCANSOFTOCR.EXE) so the tool can be provided to investigate OCR issues.
22609	Provided the ability to change the default tab for the Redaction Properties window (e.g. from General tab to Permissions tab) and to rename a tab (e.g. from "Permissions" to "Exemptions"). This also applies to the Poly Redaction Properties window.

~ build #141 continued ~

24304	Fixed issue with NovoDynamics plugin producing errors when processing by providing an updated NovoDynamics.dll file.
24425	Removed ability to delete a DIF watermark using image viewer's shortcut menu.
24436	Image Control has been modified to fix issue with redaction code blocks moving to the center of an image when zooming out and staying there when zooming in or switching to original size.
24487	Fixed various issues with sticky notes: entered text in a sticky note would disappear if the Enter key was used instead of the OK button; vertical characters (e.g. "i", "I", "1") used at the beginning or end of a line would not display properly by appearing to be part of the borders; text would not wrap in the "note" portion of the sticky note and, instead, would need a hard return at the end of each line to force a wrap effect.
24641	Fixed issue with the function number 3001 for HvICMCallDisplayFunction() not working on full color (colordepth=24).
24649	Fixed issue with the ICM_OVERLAY_SETTING_MULTIREDACTIONPRINTING option for HvICMOverlaySettingSet() not working on a single redaction.

BUILD #140 6/16/06

Issue #	Description
24351	Fixed issue with receiving the same truncation error message twice when rejecting comment truncation (due to the MAXLEN event to the HPC form firing twice). Now, when the truncation warning message box appears, a user can select the rejection option and have the message box close without another one opening.

BUILD #139 5/26/06

Issue #	Description
24264	Modified image control in order to provide the ability to show or hide lines and arrows on an image.
24263	Fixed issue with HvMetaImgUpdate() causing errors when paging through a document after creating a dirty-word highlight overlay on an image.
20367	Modified InsertIntoTreeWithAllData() OCX method to correct the redraw issue occurring when setting HighViewTreeList::ListRedraw to FALSE. Now, this method will now turn off the redraw, populate the list, and fire the TREESELCHANGE event.
24277	Fixed issue with stamp rotation not working correctly after moving the stamp.
24278	If double-clicking on it or selecting its properties, the ICM_Polybracket_Tool was not working correctly; this issue has been fixed.

BUILD #138 5/12/06

Issue #	Description
24193	Fixed issue of code blocks for redactions and brackets printing small (but with the correct font size).
24059	Adjusted the Workitem List dialog box in the Workflow Composer so that the user can resize it in order to better view the information in the columns.
24058	Images, redactions, and overlays cannot be less than 20 pixels. Updated error checking on overlay size to occur when a user is actually drawing redactions and overlays. Previously, errors occurred upon migration and display of an image.
23696	Implemented SetTreeNodeLabel() and GetTreeNodeLabel() methods to support node name and static node text; modified InsertIntoTreewithAllData() to support node label on item text parameter. These changes were necessary to separate TreeList Node Name from Node Displayed Text so that information could be added to a GUI (for programmers' reference) that would not be part of the name of the node.
24166	When selecting a different redaction code for a redaction placed on an image, the description of the redaction code should display. Image Control was modified to address this issue. Now, the SELCHANGED event will fire on the Permission Property dialog box.
23458	Fixed issue with the line through a stamp printing lower than the line displayed on an image. Resolved by forcing the stamp to use bitmap mode so that the coordinates of the stamp should be exactly the same when printing.
23753	Fixed resizing issues concerning stamp and code block text. Monitor resolution or zooming on an image could cause text display issues. Resolved by adjusting the code block sizing and by forcing the stamp to use bitmap mode.

BUILD #136 4/3/06

Issue #	Description
23372	Corrected functionality for converting general documents other than TIFF images to PDF.

BUILD #133 2/17/06

Issue #	Description
23372	Created two new functions - HvOutsideInConvertToTIFFile() and HvOutsideInSetConvertOption() - to allow for converting from PDF to other file formats; previously, only TIFF images could be converted. (The use of OutsideIn toolkit version 8.0.1 is also required.)
23458	Fixed issue with line through stamp printing lower than line displayed on an image.
23216	Modified the properties dialog box for overlays to correct inconsistencies ("Creator" and "Create Date" values were not displayed for all overlays).
22311	Fixed issue with the exemption font becoming smaller after sealing a document (due to the HVCimage.ocx) than on the in-work version of the document.

BUILD #132 2/10/06

Issue #	Description
23479	Fixed issue so that user_defined_1 column and associated ID in hvoverlays table are reset to NULL when a redaction with exemption codes is applied and then deleted.
22885	Fixed issue with full-text highlights not moving when using arrow buttons. If searching through full-text highlights, the arrows would not focus the screen on highlights (i.e., screen would remain the same while clicking through highlights).
23290	Fixed issue in HvcImage.ocx with a bad parameter error occurring due to an invalid coordinate (like position X or Y) when the redaction code overlay was being created ("Overlay Create() = 209"). The code has been changed to validate the coordinate of the overlays.

BUILD #130 1/19/06

Issue #	Description
21965	Fixed issue that caused the undo option not to respond with the first two attempts when removing redactions with exemption codes.
23366	Fixed issue that caused the indexed section not to display.

BUILD #129 1/13/06

Issue #	Description
21686	Fixed issue that allowed certain types of redactions and overlays to show through PAGE DENIED or DIF watermarks. Now the PAGE DENIED overlay only displays exemptions, product markings, and the number of pages marked "page denied." If a DIF watermark is added to the PAGE DENIED overlay, only the DIF watermark and its exemptions will show.
22826	Inso no longer causes system to shut down when it encounters an unrecognized font. The CallDisplayFunction 3002 has been modified to ensure the required font is installed before returning. If the required font is not found on the system, the function will return FALSE.
22951	Fixed issue that caused client to freeze when opening and closing documents with hit highlights. This issue is related to an improper text display library being used on the application. To resolve this issue, change the Text Display properties to LibraryID=4 and Page=Yes.
23312	Fixed problem with conversion to or from PDF resulting in 0 pages on export/import. Updated the installation script to insert the appropriate version of LEADTOOLS and to update the registry entry.
23316	Sticky Note/Text overlays no longer get the date of the previously applied overlay of the same type. The GetDesiredOverlayDefaults() function was modified to exclude Create_Date keyword.
23342	Updated redaction codes list in properties window to match actual redaction list.