

Saperion

Patch Level List

Version: 7.5.6

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Overview

Saperion is a powerful software platform used for company-wide Enterprise Content Management (ECM) and Business Process Management (BPM).

Saperion 7.5.6 Patch (*January, 2020*)

This release includes the following patch versions.

- Revision 96782
- Revision 96714
- Revision 96623
- Revision 96571
- Revision 96523
- Revision 96470
- Revision 96380
- Revision 96371
- Revision 96363 (Withdrawn)
- Revision 96318
- Revision 96289
- Revision 96260
- Revision 96179
- Revision 96141
- Revision 96108
- Revision 96066
- Revision 95900
- Revision 94810
- Revision 94412
- Revision 94025

Introduction

This document lists fixed defects included in the patch release for Saperion version 7.5 SP6. Defects are listed by patch release revision number, then by product area, and finally by defect number.

For more details regarding Saperion features, see the documentation and Best Practice guides in the Product Documentation portal on the Lexmark site. For useful information about the system, refer to the current Saperion technical specifications, also on the Product Documentation portal.

Important notes regarding patch-level installations

File size

After 7.5 SP6, the size of hotfix and patch-level deliveries was increased to include all DLL files.

Saperion ECM

Before adding or copying the *scr-businessruleserver, scr-classicconnector, scr-fileplanconverter und scr-javacoreserver* LIB directories from the patch level, the existing LIB directories must be deleted. You must also copy the Java Core Server startup files or merge any changes from customized startup files (start_java_core_server.bat and start_java_core_server_debug.bat <Install path> scr\scr-javacoreserver\scripts\windows directory).

Saperion Integration Server

Beginning with Saperion version 7.5.2 Patch Level 1, the Saperion Integration Server requires a manual update in order to work with Saperion patch-level versions.

Before updating, make sure the Integration Server is shut down. To perform the update, replace the following Classic Connector program files in the Integration Server library path.

- authentication-core-7.5.6.jar
- authentication-keys-7.5.6.jar
- authentication-otp-7.5.6.jar
- render-engines-core-2.4.0.jar
- sacache-2.4.3.jar
- saperion-common-lang-1.7.0.jar
- scr-classicconnector-7.5.6.jar
- scr-common-7.5.6.jar
- scr-connector-7.5.6.jar

The Integration Server library path is:

- [drive:]\{integration_server_install_path}\jboss\standalone\deployments\sis-server-ear.ear\lib

The Classic Connector program files are contained in the current patch-level distribution.

- {saperion_7.5.6_patchlevel}\scr\scr-classicconnector\lib

Note After the patch is installed, ensure that no duplicate JAR names with different versions exist. If duplicate names exist, delete the JAR with the old version in favor of the new one.

Patch level for revision 96782 – January 28, 2020

This release provides the following updates.

Supported Java version

Basic testing is performed on this patch level with Java version 8 update 202, AdoptOpenJDK version 8 update 212 and update 222.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Integration Server

- The WildFly version in Integration Server is updated to version 15. (SE-859)
- Resolved an issue where the Integration Server installer, version 2.0.1-x64, performed a new installation instead of an upgrade. (SE-1440)

Rich Client

- Resolved an issue where Rich Client synchronized organizational units as organizational groups from LDAP. (SE-828)
- Resolved a performance issue that occurred when the viewer displayed large multi-page TIFF documents in Thumbnail view. (SE-957)
- Resolved an issue where archived image files of size larger than 6 MB could not be saved after they were rotated. (SE-1290)
- Resolved an issue where clicking the "Cancel" button in the "Save" dialog box to abort saving a new DDC closed the DDC designer. This forced the user to create the DDC from the beginning instead of making the required changes before saving it. (SE-1379)
- Resolved an issue where saving a JPEG file removed the EXIF metadata. (SE-1381)
- Resolved an issue in the Checkout link folder where German umlauts in the file name of archived documents appeared incorrectly. (SE-1430)
- Resolved an issue where saving TIFF files with color annotations from the result list or using macros saved them as black and white TIFF files. (SE-1510)
- Resolved a performance issue where moving files between document trays took longer than expected. (SE-1523)
- Resolved an intermittent issue where the Rich Client stopped responding while opening eFiles. (SE-1554)

Web Client

- Resolved an issue where eFiles could not be opened from saved Favourites of eFile cover. (SE-976)
- Resolved a security vulnerability that enabled a Query user to access the list of all users. (SE-992)
- Resolved an issue where subsequent pages of a multipage TIFF document were not visible in Web Client if the document was in original format and included a stamp. (SE-1202)
- Resolved an issue where duplicate logs of the "Delete" event were added to the Audit table when the document was deleted using Web Client. (SE-1317)
- Resolved an issue where a user with index role could not log in using the Web Client SSO login if the user had a query profile. (SE-1331)

- Resolved an issue where editing a document using a black marker locked the document. (SE-1443)
- Resolved an issue where the CPU usage increased substantially when Web Client displayed specific PDF files. (SE-1486)
- Resolved an issue where exporting result list using search mask failed when the DDC name included a special character. (SE-1503)
- Resolved a security issue where metadata of files archived in Saperion could be extracted using third-party tools. (SE-1591)

Core Server

- Resolved an issue where fields of type "counter" included duplicate values. (SE-709)
- Resolved an issue where the MMC stopped responding when the user clicked the "Connections" option from the ODBC menu. The issue occurred when OpenJDK was used. (SE-1313)
- Resolved an issue where the multi-value integer fields contained 250 spaces instead of NULL value. (SE-1372)
- Resolved an issue where Quality Assurance functionality did not work for plugin media with option UsePluginFromMediaDB=FALSE. (SE-1403)
- Resolved a security vulnerability for JMX and Deserialization by including additional configuration in the saperion.properties and wrapper.conf files. (SE-1421)
- Resolved an issue where attempt to create an eFile with entry in the customer field failed due to invalid memory allocation, which generated the ARCRTE.log and ARCMEM.log files. (SE-1432)
- Resolved an issue where the Core Server log file included numerous warning messages if the DDC did not contain the SYSROWID system column. (SE-1436)

Storage

- Resolved an issue where TIF files could not be viewed using the "Easy Connector". (SE-1442)

Rlink

- Introduced a setting that now allows Rlink to store documents with ComponentId in their file name. (SE-719)
- Resolved an issue where Saperion converted replacement characters with umlauts in X-compID before sending it as a response for INFO requests from third-party applications. (SE-756)
- Resolved an issue where Rlink stopped responding when an HTTP request was initiated through an incorrect link. (SE-1389)
- Resolved an issue where the Rlink log file included Codec errors. (SE-1439)

COM API

- Resolved an issue where executing the replace function caused a memory error and stopped macros. (SE-1428)
- Resolved an issue where the Application.SetFolderACL function did not attach ACL to document objects. (SE-1468)

UBI

- Resolved an issue where using the `application.threadlogout()` function in UBI generated an error. (SE-1574)

Patch level for revision 96714 – August 07, 2019

This release provides the following updates.

Supported Java version

Basic testing is performed on this patch level with Java version 8 update 202, AdoptOpenJDK version 8 update 212 and update 222.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where a workflow included "reason" option in its sequence, but when a user tried to add a reason it did not lock the workflow or notify if the workflow was locked by another user. As a result, the user who added the reason could not save it when another user was working on it. (SE-654)
- Resolved an issue where the Multi-format Viewer failed to display documents that were rendered on a different server using PDF Tools. (SE-680)
- Resolved an issue where Saperion failed to print PDF files from querylist or structure when Adobe Acrobat Reader DC was used as default application in the Windows operating system. (SE-817)
- Resolved an issue where creating a form button with the macro "`testBooleanFieldValue()`" in a index mask that used a DDC with a boolean field, and then changing the Saperion language to Russian, displayed incorrect characters in the output message. (SE-932)
- Resolved an issue where upgrading a DDC initiated an index reload even if no conversion was required. (SE-983)
- Resolved an issue where the timeout for the Migration task took longer than expected. (SE-919)
- Resolved an issue where stamp on an image document was not visible in an external viewer. (SE-1057)
- Resolved an issue where the viewer window could not be closed after a page of a multi-TIFF document was rotated and then deleted in edit mode. (SE-1249)
- Resolved an issue in the "Extended Group Properties" dialog box where the label of the Operating ID text box appeared as "Id Operatin System". (SE-1260)

Web Client

- Resolved an issue where eFiles could not be opened from saved favourites of eFile cover. (SE-976)
- Resolved an issue where the fields with lookup functionality included two vertical scroll bars. (SE-1010)
- Resolved an issue where the result list was not available in the "My Tasks" tab in the workflow when you returned to this tab after navigating to a different workflow tab. (SE-1026)

- Resolved an issue where the "Revision history" did not appear in Web Client when the DDC did not include the "Systimestamp" field. (SE-1073)
- Resolved an issue where selecting a multi-value field in the lookup table that included comma separated values, and then clicking the "Result" button, did not display any results. The issue occurred when specific properties were selected in the DDC. (SE-1229)
- Resolved an issue by upgrading the Virtual Viewer to version 4.14.8. The issue caused high CPU usage while trying to display certain PDF files. (SE-1268)
- Resolved an issue where attempt to open index mask from revision history displayed an error. (SE-1319)

Core Server

- Resolved an issue where text added to the "Text Retrieval" field using filetext inserted spaces within words. (SE-690)
- Resolved an issue where archiving files larger than 10 MB with file names having more than 256 characters in Microsoft Windows system caused errors in Java Core Server. (SE-812)
- Resolved an issue where the mirroring task took longer than expected when the "SkipUnwrittenObjectsOnMirroring" parameter was set to TRUE. (SE-861)
- Resolved an issue where the description and change of status information was missing from the "ARCHIVING GetMigrationInfo" log message. (SE-885)
- Resolved an issue where the retention verification failed for few documents. (SE-991)
- Resolved an issue where query on the text retrieval field failed for Oracle database. (SE-996)
- Resolved an issue where errors were reported while using MS ODBC package 17 with SQLServer 2012. (SE-1020)
- Resolved an issue where the document name included invalid characters after it was updated. (SE-1021)
- Resolved a deadlock issue in the SaRMIWrapper processes. (SE-1068)
- Resolved an issue where Record Management tasks failed to delete data in a multi-tenant environment. (SE-1157)
- Resolved an issue where Java Core Server failed to load DDC list intermittently during startup. (SE-1280)

Workflow

- Resolved an issue where a sync delete of a parallel workflow item in the mirror server failed if the master server did not add the asynchronously created workflow item to storage. (77375)
- Resolved an issue where subject of a workflow did not change when macros or umlauts were used. (SE-947)
- Resolved an issue where workflow failed to process documents archived with grid values. (SE-1228)

Classic Connector

- Resolved an issue where archiving a document using Classic Connector added an additional separator to the index data when viewed in Rich Client. The issue occurred when the DDC included multi-value fields. (SE-1061)
- Resolved an issue where an error occurred while archiving a document with the multi-value integer field that started with a separator. (SE-1097)

Office Integration

- Resolved an issue where clicking the 'open from Saperion' option opened the selected document twice. (SE-641)

Storage

- Resolved an issue where some application files could not be opened from a media encrypted with Saperion Blowfish ECB. (SE-1089)

Rlink

- Resolved an issue where the RLink server did not provide a correct value to the "SYSDATASIZE" field. (SE-884)
- RLink service now generates thread specific logs for better analysis in problematic situations. (SE-958)
- Resolved an issue where deleting certificates from MMC assigned false certificates to a content server. (SE-1099)
- Resolved an issue where executing the FastLink macro as an Rlink task in the MMC created invalid HMEM messages in RLink_Arcmemlog. The issue occurred when Application.threadlogin was used with the macro and no module user was defined. (SE-1238)
- Resolved an issue where sending new certificate to a configured content repository did not get assigned to the content repository. (SE-1321)

LDAP

- Resolved an issue where LDAP synchronization removed existing groups or "Organizational Units". (SE-1318)

COM API

- Resolved an issue where adding a significant number of entries to the multi-value field of an external VBScript displayed an ARCMEM error for SysField. (SE-924)
- Resolved an issue where non-admin users could modify UserManagement through the UBI interface. (SE-1092)
- Resolved an issue where executing the "Mask.SearchSql" query with date in square brackets failed. (SE-1208)

Patch level for revision 96623 – January 02, 2019

This release provides the following updates.

Supported Java version

Basic testing is performed on this patch level with Java version 8 update 172 and AdoptOpenJDK version 8 update 192.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where the Rich Client failed to resolve revisions before opening an index mask. (SE-627)
- Resolved an issue where hidden content in PDF files could be revealed by moving the black marker that was applied in the source image files. (SE-657)
- Resolved an issue where user failed to import eFile Scenarios. (SE-869)
- Resolved a performance issue that occurred when the variables @tooltiplinkall or @tooltipall were used in the Workflow mask. (SE-911)

Web Client

- Resolved an issue where selecting the "Close all tabs" option from an inactive tab displayed an error message. (SE-617)
- Resolved an issue where users were not able to configure an external render engine. (SE-820)
- Resolved an issue where TIFF files appeared blurred in the HTML5 viewer after scaling the files to "Fit to width". (SE-847)
- Resolved a cross-site scripting vulnerability in Web Client pages that used jQuery 1.8.3. (SE-967)

Core Server

- Resolved an issue where the delete task ignored datasets when the value assigned to the SYSINDEXSTATE property was greater than 55000. (SE-668)
- The warning message, which appeared in the wrapper.log file when Java Core Server was running, was modified to include the action that the user must perform to resolve the issue. (SE-982)

Integration Server

- Added a functionality that allowed users to implement failover setup for Java Core Server in Saperion Integration Server. (SE-605)

COM API

- COM APIs are now granted write access to SYSDISPOSITIONTIME and SYSLITIGATIONHOLD system fields for DSGVO projects. (SE-954)

Rlink

- Resolved an issue where the Core Server returned an error with code "201" instead of "403 Forbidden" for a "unique constraint" error. (SE-543)

- Resolved an issue where the RLink service started communicating before the RLink configuration was finished. (SE-673)
- Resolved an issue where using an existing certificate on a newly created content repository deactivated all certificates with the same name on other content repositories. (SE-809)
- Resolved an issue where Saperion failed to respond to information requested by SAP for some documents archived using SAP document management. The issue occurred when the compid sent by SAP included leading and trailing spaces. (SE-890)

Plug-ins

- Resolved an issue where the ICM close task failed when multiple write tasks were executed concurrently. (SE-752)
- Resolved an issue where the new ICM plug-in failed to retrieve unencrypted files that were archived using the old ICM plug-in. (SE-823)
- Resolved an issue where users failed to connect to Amazon S3 bucket using the Saperion S3 storage plugin. (SE-857)

Connectors

- Added a functionality that allowed users to implement failover setup for Java Core Server in Saperion Integration Server. (SE-605)
- Resolved an issue where SAP DART files that included content in multiple MIME types could not be retrieved completely. (SE-805)

Patch level for revision 96571 – September 18, 2018

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 172.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where specific PDF files did not render correctly in the Multi-format viewer when the viewer was set to image. (76142, 73088, 19719)
- Resolved an issue where the password was reset when users opened the "Edit Current User" pop-up from Saperion > Settings > Current user and clicked the "OK" button while the "Present" check box was selected in the pop-up. (77491)
- Resolved an issue where changing the index for multivalue fields did not update index values if the total length of all the values of the multivalue field was greater than the maximum length specified in the DDC for each field. This issue occurred if the "Sysindexcontent" property for the DDC was selected. (77513)
- Resolved an issue where setting an ACL on an eFile that was already open in some other user session could be viewed and indexed by an unauthorized user group. (77742)

Web Client

- Resolved an issue where the multi-search functionality failed to execute in several cases when lookup tables were used. (77136)
- Resolved an issue where Media Viewer failed to display PDF and PDFa documents in Firefox browser. (77169)
- Resolved an issue where an error occurred in the Oracle database when a document that included fulltext was reindexed. (77345)
- Resolved an issue where entries in a lookup table could not be added or edited if the DDC contained special system fields. (77434)
- Resolved an issue where the toolbar in the HTML5Viewer did not appear correctly in Internet Explorer and Edge browsers. (77700)

Core Server

- Resolved an issue where PDF and COLD files did not appear correctly using the SER connector version 0.6.7. (77418)
- Resolved an issue where the core server failed to check the DDC when the index of the XXFTSPEXEC table was deleted or was missing. (77460)

Workflow

- Resolved an issue where setting a reminder in a workflow node with OnEntry macro caused a macro execution error on a 64-bit Saperion server. (76825)
- Resolved an issue where the workflow escalation task stopped responding because an endless loop on a specific deleted document consumed a huge amount of CPU resources. (77616)

Classic Connector

- Resolved an issue where multipage TIFF documents were not archiving as designed, resulting in more storage space usage. (76789)

Plug-ins

- Resolved an issue where the new ICM plug-in failed to retrieve unencrypted files that were archived using the old ICM plug-in. (77574)

Patch level for revision 96523 – July 13, 2018

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 172.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where an image in PDF or PDFa format did not appear correctly in the MultiFormatViewer. (73088, 76142)
- Resolved an issue where annotation editing tools for older document revisions were available to users though the document could not be saved after adding annotations. (76633)
- Resolved an issue where the Rich Client stopped responding when OCR was performed on poor quality bar codes using a COM-API call. (76989)
- Resolved an issue where a "Query User" was able to delete allocation to an eFile from the cross-reference. (77034)

Web Client

- Resolved an issue where certain PDFa documents did not appear correctly in the VirtualViewer. (19719)
- Resolved an issue where resizing Sticky Notes in the HTML5 viewer resulted in poor user experience for certain file types. (23560)
- Resolved an issue where copied text was replaced with junk characters on the clipboard. (72462)
- Resolved an issue where a partially defective documents could not be saved. (76774)
- Resolved an issue where Web Client did not allow users to restrict upload of unwanted file types. (77070)
- Resolved an issue where Media Viewer failed to display PDF and PDFa documents in Firefox browser. (77169)
- Resolved an issue where changes made to the browser window size by a user changed browser window size settings for other users, causing problems for some users who were working on a different window size and screen resolution combination. (77400)

Core Server

- Enhanced the security of Java Core Server where only trusted applications can now communicate with Java Core Server. Also, introduced a settings using which administrators can enable a secure configuration so that users authenticated using valid login credentials only can access the Java Management Extension. (US40678)
- Resolved an issue where all core events for Integration Server were generated two times when additional ODBC datasource was used in the index definition. (71533)
- Resolved an issue where an error occurred when the value of a multi-value field contained a special symbol. (74638)
- Resolved an issue where Saperion user administrator failed to add new user or edit existing users in single client systems when the "Zero values for Numbers" option is checked in the MMC. (76376)
- Resolved an issue where older versions of Rich Client failed to connect to an upgraded Java Core Server. (76558)
- Resolved an issue where documents could be archived even if problems occurred with annotations. (76976)

- Resolved an issue where starting Java Core Server replaced the existing DIR.SMD database file with a blank DIR.SMD in specific situations. (77046)

Workflow

- Resolved an issue where systems using an Oracle database generated a "Hibernate" error while performing a workflow task on a document that contained the "SysProperties" field . (75734)
- Resolved an issue where a sync delete of a parallel workflow item in the mirror server failed if the master server did not add the asynchronously created workflow item to storage. (77375)

Classic Connector

- Resolved an issue where Classic Connector failed to restore revisions. (77360)

Rlink

- Resolved an issue where the Core Server returned an error with code "201" instead of "409" for a "unique constraint" error. (77063)

Web Services

- Resolved an issue where connections to web services timed out when the connection pool initiated more than eight connections. (76843)

Patch level for revision 96470 – May 14, 2018

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 172.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- When a user was a member of more than 200 groups, where some of the groups were members of other groups, queries for DDCs containing a SYSACLUSERLIST column failed. (DE49795)
- Resolved an issue where placing the pointer over an ACL displayed invalid characters in the tooltip if member names in the list contained specific Lithuanian characters. (72272)
- Resolved an issue where archived documents from Saperion could not be dragged to third-party applications, such as Outlook and Windows folder, if the document structure in Saperion contained umlauts and included subfolders. (74531)
- Resolved an intermittent issue where performing a search from the query mask displayed the message "no records available" instead of populating relevant results. (76475)
- Resolved an issue where the email recipient received an incomplete document when you changed the order of any of the pages of a multipage TIFF document and sent a copy of the email through Saperion. (76597)

Web Client

- Users can now map additional languages to the respective columns in the "Localize" table by adding the "locale.databaseColumn.<column name>" property to the webclient.properties file and associating the language to the property. You can also override the default language mapping. (US76926)
- Removed the "Add Annotation Note" function from sticky notes which was non-functional and was included unintentionally. (23600)
- Resolved an issue where the function of a predefinition to a lookup table field was lost if the predefinition contained umlauts. (71539)
- Resolved an issue where users were not able to edit fields and make revisions to the embedded mask. (76004)
- Resolved an issue where the Web Client log file did not include sufficient information about failed document download requests for documents that contained a TIFF file, and within a substructure, a stream file and a text file. (76074)
- Resolved an issue where an attempt to save a document with multiple documents in the structure displayed an insufficient error message when a single document in the structure was corrupt. (76170)
- Resolved an issue where localization did not apply. (76289)
- Resolved an issue where the latest version of Web Client was not able to perform multi-value search on numeric fields. (76492)
- Resolved an issue where the index mask failed to display the complete "fulltext" value. (76578)
- Resolved an issue where clicking on the "Help" button from Web Client redirected the user to a non-functional link. (76615)
- Resolved an issue where searching documents using multi-value and fulltext fields sent wrong query to the database. (76639)
- Resolved an issue where a query user could not create or update a favourite. (76647)

Core Server

- Resolved an issue where using Saperion macros to update properties removed assigned ACLs from protected documents. (73903)
- Resolved an issue where the system variable SYSCIENTNAME did not work when added to conditions in the Global Pool while archiving. (75637)
- Resolved an issue where attempt to prolong the retention time of an archived document failed due to system error. (75974)
- Resolved an issue that occurred in a multiple server environment where archiving a document on the mirror server generated an error log on the original server. (76197)
- Resolved an issue where encryption did not work on ICM plugin. (76438)
- Resolved an issue where Saperion Client and RLink service failed to support SAPDOCIDs such as SAPRRXX that were supported in Saperion 7.5.4. (76663)
- Resolved an issue where users were not able to set MaxRetrieveLines. (76928)

Workflow

- Resolved an issue where the Saperion client stopped responding when the user right-clicked a document and attempted to open workflow history or diagram. (75068)
- Resolved an issue where the workflow escalation tasks to filter items with a set escalation date failed and the result displayed all workflow items. (76762)

Classic Connector

- Resolved an issue where the revision history of linked documents in Rich Client was different when compared with Web Client. (75837)

Rlink

- Resolved an issue where deleting a document from SAP using RLink did not add an entry to the audit table of the related DDC. (76352)

Storage

- Resolved an issue where the S3 and HCP storage plugins did not initialize after a Saperion update. (76955)

Patch level for revision 96380 – March 12, 2018

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 131.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where a deleted column in the rich client mask result list could not be revoked using the "Reset to default" option from the context menu. The deleted column can now be restored by reopening the form after performing a reset to defaults. (71793)
- Resolved an issue where annotations could not be added to new documents that were created using the "New page" option. (74981)
- Resolved an issue where a single-page TIFF file, imported to the document tray with the "DocLoadOriginal" parameter set to TRUE, changed to FALSE when another document was imported using the drag-and-drop functionality. (75346)

Web Client

- Resolved an issue where VirtualViewer displayed text in PDF files as hieroglyphic characters if the text was composed in the Times New Roman font. (75384)
- Resolved an issue for normal mask where the latest version of Web Client was not able to perform multi-value search on numeric fields. (76492)

Core Server

- Resolved an issue where Saperion could not save WMV files, that were archived with the doOriginal parameter set to TRUE, to the local drive. (73451)

COM API

- Resolved an issue where creating a button using a macro with Editimage function disables Blackmarker feature when the button was applied on archived TIFF files. (72077)
- Resolved an issue where DOCX documents could not be rendered successfully. (75103)

Patch level for revision 96371 – February 07, 2018

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 131.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue that prevented the display of image PDF files in the multi-format viewer due to scaling issues. (76396)
- Resolved an issue that prevented the display of documents larger than 512 KB. (76412)
- Resolved an issue where archiving of files larger than 200 MB failed even if the render option was set to FALSE. (20824)

Web Client

- Resolved an issue where the web client workflow history failed to display workflow comments that were added using the rich client. (73304)
- Resolved an issue where the virtual viewer failed to retain the zoom level set by the user even if the "fitLastBetweenDocuments" parameter was set to TRUE. (74099)
- Resolved an issue where the context menu did not appear for a document for which the "SysIndexState" value was set to 65002. (74451)
- Resolved an issue where Rlink was archiving PDF documents from SAP as a stream instead of an application though the content type was set to application or x-PDF. (74497)
- Resolved an issue where the context menu did not include the required options when you right-clicked deleted documents from the search results. (75612)
- Resolved an issue where the LDAP sync tool crashed if the user administrator included a distribution list. (75807)
- Resolved an issue where the export of the result list for a multi-value search failed if a lookup table was linked to the DDC field. (75869)

- Resolved an issue where users were not able to edit fields and make revisions to the embedded mask. (76004)
- Resolved an issue where search results that included multi-value fields could not be exported. (76108)

Core Server

- Resolved an issue where a structured document, in rich client and web client, displayed only the first document but did not display the image files that were subsequently added with the same file name. (73921)
- Resolved a performance issue where exporting a DDC, which contained documents archived in original file format with large file size, took longer than expected. (75618)

Workflow

- Resolved an issue that did not allow users to edit document indexes using web client if the full name of the user included UTF-8 characters. (74503)

Patch level for revision 96363 – January 12, 2018 (Withdrawn)

Update to patch revision 96371.

Patch level for revision 96318 – November 10, 2017

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 131.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where macros to edit files did not execute from the Saperion Document viewer for specific file formats, such as PDF, TIFF, and JPEG. (24074)
- Resolved an issue where the “insertimage” function initialized the leadtools function if the DLO was set to TRUE. Due to this, loading large image files crashed the client process if the virtual memory size reached 3 GB. (71763)
- Resolved an issue where attempts to open any of the documents that are simultaneously linked to each other failed. (72628)

Web Client

- Resolved an issue where a right-click on an item in the workflow inbox did not display the "Document Index" option in the shortcut menu. (23808)
- Resolved an issue where the onBlur event did not execute when you created a lookup text field with the MultiSearchItems function in a query mask. (24209)

- Resolved an issue where the context menu did not appear for a document for which the "SysIndexState" value was set to 65002. (74451)
- Resolved an issue that did not allow you to drag a document to the upload area. (74519)
- Resolved an issue where the buttons overlapped in Internet Explorer when the pane size was reduced. (74537)

Core Server

- Resolved an issue where a print task, triggered by the Saperion system, failed to execute. (19349)
- Resolved an issue where users were unable to identify whether the frame collection of a document was part of an access control list (ACL) if the users had no permission to the set ACL. (74644)
- Resolved an issue where the client and server log files did not include sufficient information on a logged-off user. (75178)

Classic Connector

- Resolved an issue where the clone function created two copies of a document instead of one. (74473)

Plug-ins

- Resolved an issue where the read/write pool in HCP plugin was exhausted. (72727)

Web Services

- Resolved an issue where the "getVersionIDs" method returned document revisions in an incorrect order if the "Search for revision" check box was selected while creating the DDC. (74545)

Patch level for revision 96289 – September 11, 2017

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 131.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where annotations could not be saved in a structured document that consisted of a TIFF image and a rendered PDF. (18738)
- Resolved an issue where an attempt to close a group from the task navigation pane opened a view of the group inbox in the right pane. (20711)
- Resolved an issue where attempts to open any of the documents that are simultaneously linked to each other failed. (72628)

- Resolved an issue where saving a multipage TIFF file by dragging it from the result list to a local directory or desktop did not compress the files correctly even if a compression format was selected. (72651)
- Resolved an issue where an error appeared while reindexing a document in a DDC that was created with Client-Function, which uses the "All clients in table" option. (73607)

Web Client

- Resolved an issue where macros to edit files did not execute from the Saperion Document viewer for specific file formats, such as PDF, TIFF, and JPEG. (24074)
- Resolved an issue where old revisions of a document were not accessible when MediaViewer was used. (72667)
- Resolved an issue where a warning message "File to delete not in cache" was categorized as error. (73181)
- Resolved an issue where creating a lookup entry failed when you cleared a lookup field mapped to a subordinate lookup table. (73592)
- Resolved an issue where text from an inactive text field could not be archived. (73751)
- Resolved an issue where mask controls did not update local language when localization cache was disabled at Tomcat. (73781)
- Resolved a heap space error while uploading files larger than 650 MB. (73874)
- Resolved an issue where a value for the System field was not created while uploading a document in WebClient. (74105)
- Resolved an issue where some options in the control panel were not translated to German language. (74292)

Core Server

- Resolved an issue where users in an ACL were able to view the linked document even after the ACL was deleted. (23717)
- Resolved an issue where errors were logged in the core server log file during a core server restart but no error messages were displayed on the screen. (73542)
- Resolved an issue where in certain rare situations the Java Core Server process was terminated because of heap corruption exceptions. (73629)
- Resolved an intermittent issue where the RMI calls increased CPU usage causing the Java Core Server, Classic Connector, and client application to stop responding. (74169)
- Resolved an issue that sometimes added an error to the Java Core Server log file while extracting failover information. (74249)

Workflow

- Resolved an issue where the attempt to delete a workflow failed if a document linked to the workflow was deleted on escalation task. (74200)

Classic Connector

- Resolved an issue where executing the "getAuthorizedUsers" and "getInvolvedUsers" methods logged an error if an ACL, which was set on a document, contained a deleted group. (17829)

RLink

- Resolved an issue that restricted users from archiving TIFF documents that contained more than 992 pages. Users can now archive TIFF documents containing up to 2000 pages. (74092)

Patch level for revision 96260 – August 10, 2017

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 131.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where the render engine did not change the DPI of an image while converting it to PDF. (19847)
- Resolved an intermittent issue where editing a checked out document did not save changes after the document was saved. (20051)
- Resolved an issue where the render engine was not able to convert Microsoft Outlook message files to TIFF files. (72582)
- Resolved an issue in numeric fields where NULL values were replaced with zero in the search database but remained blank in storage media. (72641)
- Resolved an issue where an attempt to deactivate the absence of a user during login did not add an entry to the audit table. (72721)
- Resolved an issue where a document, opened in viewer for editing, remained locked after the viewer was closed. (72771)
- Resolved an issue where saving documents rendered from the structure window or thumbnail view exported only the viewed pages. (72803)
- Resolved an issue where the task list did not display the umlauts correctly in organizational units. (73278)
- Resolved an issue where users were able to log in to Saperion without any authentication after first attempt to log in failed due to wrong password. (73463)

Web Client

- Saperion 7.5.6 now supports VirtualViewer 4.7.10 with ISYS as the default rendering engine. (US39034)
- Resolved an issue where clicking on the drop-down arrow of an inactive field linked to a lookup table continued to display lookup values. (23398)

- Resolved an issue where an archived document that had less rights - Visible, Read, Annotations, and Black markers - activated in the ACL did not display values in the multi-value field of the index mask unless the fields were selected from the drop-down. (23904)
- Resolved an issue where the export function did not work correctly if the user manually logged in to the SSO system the first time. (71856)
- Resolved an issue where the user was able to edit a field of an index table associated to a field in a lookup table even if the "Select When Inactive" check box was selected while creating the index form using the wizard. (72232)
- Resolved an issue where information was categorized as warnings in the log file. (72238)
- Resolved an issue where the value assigned to the parameter SYSLCMSTAGE to enable deletion of a file after the retention time expired was different in rich client and web client. (72415)
- Resolved an issue where the path specified to create a ZIP file could not be found and an error message was added to the log file. The issue occurred whenever a user requested to create a ZIP file. (72734)
- Resolved an issue where uploading a file or changing the index data displayed an error when a string field linked to a field in the lookup table, included values separated by commas. (73120)
- Resolved a security vulnerability that exposed session identifier data at risk of unauthorized access. (73370)

Core Server

- Resolved an issue where the servers stopped responding during the PRPC initialization process if the servers were started at the same time. (20042)
- Resolved an issue in the document viewer where users were not able to save a customized scale after they turned off automatic scaling. (72568)
- Resolved an issue where the server and the Java process stopped responding on starting the integration server timer task that updated documents with sysdocproperties column activated. (73287)
- Resolved an issue where the parameter values of the Internal Viewer were incorrectly mapped in the INI file. (73402)
- Resolved an issue by adding a configuration that allows users to switch to a continuous numbering system in the structure window that was followed in Saperion version 7.1 and earlier. (73426)

LDAP

- Resolved an issue where LDAP synchronizations added group IDs to the user that were not filter relevant. (20750)

Workflow

- Resolved an issue where Adhoc Workflow Assistant prompted to select the user multiple times if the logged-in user belonged to multiple organizational units. (20041)
- Resolved an issue where the workflow tasks were not visible in the navigation pane even if the user selected the "Activating the Workflow Pool" check box while creating workflow roles from "Usermanagement." (24033)

- Resolved an issue where opening an image from the internal viewer restricted the users from performing any workflow or ribbon action unless the inbox entry was selected again. (72470)
- Resolved an issue where the workflow history displayed the receiver name incorrectly if the name contained umlauts and the receiver was a member of organizational unit. (73438)

Classic Connector

- Resolved an issue where the createFolder method failed when a large multi-value property was set. (21119)
- Resolved an issue that displayed an error message when you archived a document using classic connector or webservice if the document had more than thousand entries in one or more multi-value fields. (73262)
- Resolved an issue where an error occurred in the JavaCoreServer when the searchHQL query returned a NULL value to the database. (73469)

RLink

- Resolved an issue where the time taken to implement changes in the field mapping of RLink content repository in Saperion Admin MMC exceeded the default lifetime of RLink certificates. (72597)

Plug-ins

- Resolved an issue where the read/write pool in HCP plugin was exhausted. (72727)

Storage

- Resolved an issue by performing consistency checks of media database to prevent duplication of document IDs. (71862)

Patch level for revision 96179 – June 14, 2017

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 131.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where opening the SDL link files did not open the query form. (18798)
- Resolved an issue where saving ACL with 200 members set the aclname to NULL in database. (23302)
- Resolved an issue where users were not able to change the user configuration file path from the user management options. (71874)
- Resolved an issue where performing an audit from the outliner did not record all events. (72497)

- Resolved an issue where Saperion was unable to import single page TIFF files in original format. (72704)

Web Client

- Upgraded to Snowbound Viewer version 4.6.3. (US107031)
- Resolved an issue where performing an audit using CC and ECM did not log bugs in the audit table. (72445)
- Resolved an issue that allowed a read-only file to be modified. (73058)

Core Server

- Resolved an issue where attempts to create document revision of IXOS documents failed. (21499)
- Resolved an issue where users were not able to search unicode characters using the SelectSQL and SelectQuery commands. (23525)
- Resolved an issue that prevented started of the Java Core server and displayed an error message if the number of DDC exceeded thousand. Users can now configure the maximum DDC count in the saperion.properties file. (24142)
- Resolved an issue that displayed an EnterDocument error related to old empty DocUid in the core server log file. (71572)
- Resolved an issue where an existing item, when added to the first access list, displayed an error instead of warning in the log. (71974)
- Resolved an issue where deleting a folder from the eFile took longer than expected. (73068)

Workflow

- Resolved an issue where sorting the workflow history using the "Sort by Time" option resulted in inappropriate display of the UTF8 coded characters. (21389)

Classic Connector

- Resolved an issue where files larger than 4 GB could not be downloaded. (24199)
- Resolved an issue where performing a purge document action did not delete the original document from the media. (DE57373)
- Resolved an issue where deleting a document in DB_Complete mode did not delete the document record from the database. (71626)
- Resolved an issue where the value in a currency field returned an incorrect number when the region settings in Windows was selected as "Russia" that uses space (" ") in the "Digit grouping symbol" settings. (72202)
- Resolved an issue where users who were logged in using SAML authentication were not visible in the Saperion MMC. (72531)
- Resolved an issue where updating of lookup entries using Classic connector caused an increase in memory consumption. (72537)

Plug-ins

- Resolved an issue where the read/write pool in HCP plugin was exhausted. (72727)

Storage

- Resolved an issue where rebuilding a cache media database did not recover the deleted files. (72177)

Patch level for revision 96141 – April 10, 2017

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 102.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where users were not able to edit files in specific format, such as PDF, TIFF, and JPEG from the Saperion Document viewer. (24074)
- Resolved an issue where the size of a QBE form was reduced by eight pixels every time it was opened and saved. (72313)
- Resolved an issue where a file name that included a "#" character did not display the portion of the file name after "#" character while archiving. (20467)

Web Client

- Resolved an issue where HTML5-Viewer with Tomcat 8.0.39 failed to display documents stored in the archive in webclient. (71508)

Core Server

- Resolved an issue in the database that restricted users from accessing personal files stored in the archive in Saperion. (17184)
- Resolved an issue where users were not able to search unicode characters using the SelectSQL and SelectQuery commands. (23525)
- Resolved an issue where the memory used during user sessions were not released after the sessions ended. (72408)

LDAP

- Resolved an issue where LDAP synchronization added irrelevant group IDs to a user that reached the maximum limit for group addition after subsequent LDAP synchronizations. This restricted addition of relevant group IDs to the user. (20750)

Workflow

- Resolved an issue where changes added to a specific workflow version were replicated in the older version. (72170)

Patch level for revision 96108 – March 10, 2017

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 102.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue that caused the client to stop responding after upgrading to Saperion 7.5.6 in a few cases of third-party control exceptions. (71840).
- Resolved an error that created the message "WARNING MultiFormatViewer Invalid window handle" in the Saperion log file after you opened a document in the Saperion viewer. (71828)
- Resolved an issue in the multi-format viewer where the icons on the structure window appeared gray for the first page and appeared orange for the rest of the pages for all non-image documents. (71495)
- Resolved an issue where a text lookup field in MultiSearchItems did not show all entries. (24165)

Web Client

- Resolved an issue where the password reset automatically when the user inserted a "representative" or used the "present" function in webclient if the password contained alphabets in lower case. (71540)
- Resolved an issue where users were not able to edit document index in webclient if the fullname field contained Lithuanian characters. (24164)
- Resolved an issue where the HTML viewer pop-up window failed to display a document if the document size exceeded the default values for the \$MAX_VIEW_SIZE\$ property. (23279)
- Resolved an issue where the "Edit annotations" icon was available in the result list of the webclient even after the "Edit" function is deactivated. (71980)

Core Server

- Resolved an issue that displayed an EnterDocument error related to old empty DocUid in the core server log file. (71572)
- Resolved an issue where a 64-bit Saperion server failed to start when it used more than 255 file system media. (20392)
- Resolved an issue where connectivity to the Saperion server was lost at regular intervals prompting a restart. (20259)
- Resolved an issue in the unicode supported versions of Saperion (version 7.5.6.94508 or higher) where umlauts appeared incorrectly if unicode was not used. (71512)

- Error logging is now improved for Federation Service DLL. (55355)

SAP

- Resolved an issue where the message in the error log was not appropriate when SAPViewer failed to lookup and display documents from Saperion. (23301)

LDAP

- Resolved an issue where usernames with unicode characters caused problems during LDAP Sync. (71804)

Workflow

- Resolved an issue in the workflow where starting a workflow or writing a comment to a workflow document using API resulted in inappropriate display of the umlauts and special characters. (19425)
- Resolved a localization issue where changing the language settings while performing a workflow operation did not change the language in which the tasks were displayed in the workflow history. (18045)
- Resolved an issue where sorting the workflow history using the "Sort by Time" option resulted in inappropriate display of the UTF8 coded characters. (21389)
- Resolved a performance issue that occurred during asynchronous processing of documents in the workflow. (21071)
- Resolved an issue in workflow designer where users were unable to add receiver to a predetermined receiver assignment in a user task. (DE54873)
- Resolved an issue where users were not able to change the "Role-Group member options" in a workflow. (71478)

Classic Connector

- Resolved a high memory consumption issue while saving a document via Classic Connector in specific circumstances. (24181)

Plug-ins

- Resolved an issue where automatic storage of documents to external media failed because newly created media was assigned to incorrect storage plugin. (21162)
- Users of Saperion ECM suite can now connect to the Amazon S3 storage using the S3 Java Storage Plugin. (US97036)

Storage

- Resolved an issue where a manually created medium in Microsoft Management Console was associated with an old repository ID. (24118)
- Saperion now does not perform mirroring of closed media. (US103861)

Patch level for revision 96066 – January 11, 2017

This release includes the following revision:

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 102.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where users were able to login without changing their password, despite the “user must change password” flag being set (19534).
- Resolved an issue where the log contained incorrect information, such as ERROR ARCHIVING even though the document could be found (21178).
- Resolved an issue where converting index data resulted in an infinite loop if the DDC was inconsistent (23316).
- Resolved an issue where it was not possible to save a scanned TIFF page from an archived document if the document description contained more than 255 characters (23881).
- Resolved an issue where dragging a document from the tray to a folder or eFile register fired an insert event before the document was filed (24002).

Web Client

- The MergeMultiPageTiff parameter was added for the EasyConnector (DE54071).
- Resolved an issue where neither the CleanupTimeout nor the LogoutOnClose parameters were logging users out of the system (DE54151).
- Resolved an issue in which an unclear error message appeared when the text in a limited string field was too long (20131).
- Resolved an issue where the wrong error message was displayed when a user clicked a document with an ACL of which the user was not a member (20818).
- Resolved an issue where a lookup pointing to a table that did not contain a SYSROWID column resulted in a system error (20883).
- Resolved an issue in which the system tried to open a message box at a point where it was not possible (21265).
- Users with either index or edit permissions can now log in to the Web Client using an Index license (23195).
- Resolved an issue that occurred with the HTML5 viewer, where documents with trailing spaces in the clientURL definition in the webclient.properties file could not be displayed (23307).
- Resolved an issue where COLD documents could not be displayed (23637).
- Resolved an issue in which case-sensitive and case-insensitive properties were not handled separately (23850).

- Resolved an issue where ALF documents could not be opened in the SAP Viewer (23925).
- Resolved an issue where the HTML5 viewer could not display documents in certain cases, because config.js was declared as an application/json MIME type instead of application/javascript (23937).
- Resolved an issue where only images with a black marker were displayed when the document contained multiple PNG or JPG images (24124).
- You can now use the PDFjs viewer with the SAP Web Viewer (US104797). To do so, complete the following steps.
 1. In a text editor, open the SAPViewerFeatures.properties file.
 2. Add the pdfJSViewer parameter and set it to true.

```
pdfJSViewer=TRUE
```

Core Server

- Resolved an issue with memory leaks during file plan cloning and file creating (#58944).
- Resolved an issue where an exception was logged after clearing memory (DE45934).
- Resolved an issue in which a timeout for retries on unwritten objects was slowing down transfers. The timeout was removed (DE49390).
- Resolved an issue where the API could not be used to connect to the PRPC server because no more sockets were available (DE50101).
- Resolved an issue where a number of error messages, such as “Setting retention failed because new value is not valid”, were improperly added to the system that it could no longer be monitored (23093).
- Resolved an issue where the Business Case cache setting in the MMC could be changed, but after restarting the server, the MMC would still have an entry of “0” (23967).
- Resolved an issue where handles on virtual documents in the cache were not closed when accessing documents with the IXOS Connector (24086).
- Resolved an issue where errors occurred when a slow system with a large ODBC connection pool tried to open more connections (24092).
- Added token check to RPC security (US10333).

SAP

- Resolved an issue where the system did not return the X-CompId with the replacement characters it was stored with, but instead converted the characters to umlauts, leading to problems (21296). To ensure that the system does not convert the characters in the CompId, complete the following steps.
 1. In a text editor, open the program.ini and locate the [SAP] section.
 2. Add the DecodeCompId switch and set it to false. Default is true.

```
DecodeCompId=FALSE
```

- Resolved an issue in which the SAP Notes in the SAP Viewer did not contain the user’s GlobalID (23320).
- Resolved an issue where SAP Notes were not loaded in the SAP Viewer when the PDFjs viewer was enabled (24191).

- Replaced discontinued RFC libraries with new NetWeaver RCS libraries (US100269).

LDAP

- Added a parameter that makes it possible to sync only the group defined in the LDAP context, instead of all the groups (US103798). To set the parameter, complete the following steps.
 1. In a text editor, open the program.ini file and locate the [LDAP Sync] section.
 2. Add the SyncSingleGroup parameter and set it to true, as shown in the following example. Default is false.

```
SyncSingleGroup=TRUE
```

Workflow

- Resolved an issue in which the organization group was changed, but the system assigned a user to the old group in the workflow history (23226).

Classic Connector

- Resolved an issue where the system truncated the filename if it contained a hash mark (#) during archiving (DE51225).
- Resolved an issue in which using the Classic Connector cache caused the web services to hang (DE54329).
- Resolved a memory leak in SaveNode (24181).

Plug-ins

- Resolved an issue in which the S3 plug-in did not use the configured URI for requests (23865).
- You can now use the S3 plugin with HCP (US97036). To enable HCP in Saperion version 7.5.x, in the archief.ini file, enter com.saperion.storage.ConnectorHCPNew as the class name in the [Archive.Plugins] section.

API – COM/UBI

- Resolved an issue where executing application.selectdoc in a query form resulted in the system displaying the document before UID had been received by the macro (24001).

Web Services

- Resolved an issue where it was possible to break multipage-TIFF document structures and change document content, by adding properties to a specific document element (19317).

Patch level for revision 95900 – October 14, 2016

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 102.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- Resolved an issue where a document dragged from a structure in one edit window to a structure in a separate edit window could not be successfully dropped to the new window, when both windows were outside the Rich Client desktop window (DE48638).
- Resolved an issue in which a multipage TIFF file could not be created and the web service getContent request returned a zero-byte content container, when the first page of a multi-page document was located at the second position of the document structure (DE51149).
- Resolved an issue where multiple simultaneous archiving could lead to multiple folders being created (DE51590).
- Resolved an issue where the system variable svAdditionalContent did not work. In some cases, information was missing in the sysContent variable (DE53474).
- Resolved an issue where the Viewer option "Save scale" did not work in the embedded viewer (DE53857).
- Resolved an issue with asynchronous processing of workflow items (DE54136).
- Resolved an issue where the protocol function did not log view events when an external application was used (DE54347).
- Resolved an issue with the drag and drop function from Saperion to Outlook or Windows Explorer (DE54792).
- Resolved an issue with saving a scanned page (TIFF file) when the document description was too long or contained special characters (DE54942).

Web Client

- Resolved an issue where an error message was displayed if a user double-clicked a comment icon in the workflow inbox (DE49042).
- The MergeMultiPageTiff parameter was added for the EasyConnector (DE54071).
- Resolved an issue with debug logging for lookup tables, which was causing an error (DE54129).
- Resolved an issue where the Download button in the structure window of the viewer did not work for COLD documents (DE54650).
- Resolved an issue where the View context menu did not display the document, but downloaded it if the form did not contain a viewing control (DE54572).
- Resolved an issue in single-tenant systems where an error message resulted when a lookup application was created as a view, with a SQL string as the data source (DE54968).
- Added the missing Jadice Viewer JAR files to the 7.5 SP6 ISO (DE55213).

Core Server

- The thread watchdog options in the SaperionOptions.ini file were improved (DE51660).
- Resolved an issue in which the SER Connector was unable to read file objects if they followed binary objects (DE51943).
- Resolved an issue where, in certain high-load cases, after new XREVISION tables were created, the original table was renamed AAXREVISION and contained only old index entries (DE54789).
- Resolved an issue where document loading ran in an endless loop and did not free the file handle (DE55086).

Classic Connector

- Fixed a memory leak that occurred when DeleteLookupEntry was invoked (DE54976).
- Resolved an issue where the Classic Connector API function ReleaseDoc did not work (DE55045).
- Resolved an issue where it was not possible to use the destruction task to delete documents with SYSSERDATA set to NULL or 0, when the SER Connector was implemented (DE55053).

Workflow

- Resolved an issue where values were not being read into the FolderOptions parameter correctly (DE54947).

SAP

- Resolved an issue where setting the retention did not work in documents archived to SAP using R/Link (#48702).
- Resolved an issue where the R/Link was not able to display certain multi-page TIFF images (DE55202).
- Resolved an issue in which certificate handling by the MMC led to problems in target repositories (DE55375).

Patch level for revision 94810 – August 10, 2016

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 102.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- When a user was a member of more than 200 groups, where some of the groups were members of other groups, queries for DDCs containing a SYSACLUSERLIST column failed. (DE49795)
- The context menu View command was not logged by the Protocol function when an external application was used to view the document. (DE54347)

- The SYSDOCTYPES and SYSFILENAMES fields remained filled when a document structure was empty. (DE54385)
- The embedded viewer did not update when another document in the results list was double-clicked, although the new document appeared selected in the results list. Now when a new document is double-clicked, the embedded viewer clears the previous document preview. (DE54504)

Web Client

- The name of an icon in the system-icons.jar was modified so that it could be displayed in the Web Client. (DE54595)
- The Web Client includes the latest version of the VirtualViewer HTML5, which contains some minor bug fixes. (US99786)
- Some potential memory leaks were fixed. (US100252)

Workflow

- It is now possible to activate asynchronous processing, by setting the EnqueueLegacy parameter to TRUE. Default setting is FALSE (asynchronous processing). (DE54136)

[Docflow]
EnqueueLegacy=TRUE

Core Server

- Under certain circumstances, data in the failover buffer would not be transferred after the failed server was running again. (DE54213)

SAP

- Manually registering R/Link did not always register the R/Link server successfully. (DE54391)

Patch level for revision 94412 - July 11, 2016

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 91 and update 92.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- It was not possible to open document folders inside of personal folders, and errors appeared in Oracle. (DE40997)
- Instead of displaying the outliner tree structure, the Form outliner only displayed the root level. (DE42629)

- In index forms, buttons with “Save and...” functionality were grayed-out when drag & drop was used to import documents into the application. When document were imported using the ribbon, the button was activated. (DE49707)
- When either the “Rich Client” or “Web Client” check box in the forms designer was enabled or disabled, the [Formtarget] section in the program.ini file was modified, even if the form file was not saved. (DE51378)
- In an adhoc workflow, it was possible to select groups that were not configured as workflow pools. (DE51907)
- Under some circumstances, importing COLD documents resulted in an exception, and the documents could not be opened in the Saperion client. (DE52261)
- The “Select Access List” dialog box has been improved. Available ACLs are displayed sorted. ACLs applied to the selected document appear at the top of the list. (DE52794)
- In some cases, sorting a column in the results list would lead to black squares in the header row. (DE53610)
- When “Save scale” was activated in the embedded viewer, and large JPG files were used, and the scale was changed from “No auto scale” to “Fit to page”, error messages appeared. (DE53857)
- Exporting image files with the same name and docLoadOriginal set to TRUE resulted in missing files. This has been fixed so that when docLoadOriginal image files are exported, a number is appended to subsequent files with the same name. (DE54000)
- When the silent installer was used to install the SP6 Saperion client on Windows 7, Saperion was not registered. Consequently, it did not appear in “Programs and Features” nor in the “Start” menu in Windows. (DE54017)
- When the client was closed after importing files to the Documents tray, and then re-opened and a document selected, none of the buttons in the “Document Tray” ribbon were active. (DE54020)
- Archived documents with Russian characters in them could not be sent as e-mail. (DE54197)

Web Client

- The portal.zul compatibility mode did not work properly in Internet Explorer 11. (DE52785)
- Combined searches for full text and metadata did not work when a column was named “FUNCTION”. (DE53608)
- The icon sequence in the results list has been changed. The checkout icon now has higher priority than the retention icon. (DE54135)
- The Web Client ClientURL configuration was not used when the SAP Web Viewer was opened using sapwebviewer.jsp. (DE54152)

Workflow

- The Workflow test mode did not always work correctly with older versions of workflows. Test mode is now only available for the current version of a workflow. (DE47933)
- Resolved an issue where Saperion did not trace the Workflow Init Error with return code 1206 as an error. (DE52552)

- Under certain circumstances, when field mapping was used for a notification event in a workflow, the SDL in the workflow e-mail did not contain a valid object. No document was shown in the inbox. (DE53355)
- The context menu entry for “Document index...” was displayed as corrupted Russian text when the name of the index form was localized in Russian in the localize table. (DE53967)

Core Server

- The Java Core Server logged “Username is null” errors. (DE53838)

API – COM/UBI

- The variable “svAdditionalContent” did not work properly. In some circumstances, information was missing from SYSCONTENT. (DE53474)

Patch level for revision 94025 - June 10, 2016

This release provides the following updates.

Supported Java version

This patch level includes basic testing with Java version 8 update 91 and update 92.

For the Java version with which Saperion 7.5 SP6 was tested for full compatibility, refer to the corresponding technical specifications.

Rich Client

- When an annotation was added to a document, it could not be saved if an annotation was first added to a linked document. (DE44745)
- When Saperion was run in an MS SQL server environment, it was not possible to select XXSYSID in the DDC designer. (DE48928)
- In some circumstances, attempting to open Office documents from the document tray resulted in an error message. (DE52775)
- When a document was opened in the non-embedded viewer, and “No Auto-Scale” was set, no more documents could be opened in the viewer (DE52778)
- In a system running a Unicode user administration, Lithuanian characters were not saved as UTF-8 in the database. Even when entered in the database manually, the Lithuanian characters were interpreted as ANSI. To fix this, in the [Compatibility] section of your program.ini file, set UserManagementAlwaysUTF8=TRUE. (DE53385)
- Cyrillic filenames were not handled correctly when checked out for printing on a non-Cyrillic OS, and resulted in a “Document could not be found” error. (DE53617)
- Cyrillic characters for a group name were shown corrupted in the navigation tree when not on a Cyrillic OS. (DE53712)
- During a CSF import, blank fields are trimmed, while during re-import, field entries with blank fields are compared their trimmed counterparts, then imported and trimmed, leading to duplicate entries. To prevent the same field contents from being imported twice, the import parameter “T” has been added. Setting the parameter trims fields before the comparison is done (DE51942)

Web Client

- After searching in a fulltext (text-retrieval) field in a multiclient system, it was not possible to open an index form in the Web Client. (DE53294)

Workflow

- When a new Workflow definition was created in Saperion, the corresponding macro file was not always automatically created, and the workflow had to be saved twice to create the macro. This has been fixed so that the macro is automatically created. (DE52827)
- On a 64-bit Saperion server, reassigning a workflow in a node containing an onEntry macro caused a macro execution error, and the reassign was not saved to the workflow history. (DE53138)

Classic Connector

- When document retention was set using the Classic Connector, it was not possible to set prolongation for all parts of the document from the previous revision. Only the metadata object had the new retention. (DE47761)
- Using the “readVersionMetadata” method to get the revision information for link objects returned the revision information of the original document’s last revision, instead of the link object’s revision information. (DE51502)
- In Oracle, when HQL was used to select a Unicode column for a fulltext search, it resulted in an exception. (DE51702)
- A memory leak in the AddToFolder method was fixed. (DE51957)
- The Javadoc documentation has been updated to reflect that the Classic Connector “getSubstitute()” method requires the fullname of the substitute. (DE53720)

API – COM/UBI

- The GetMembers() function’s maximum results count has been raised from 1000 to 10000. (DE53272)
- Resolved an error that occurred when using document.bitmap loaded documents twice, resulting in a high docload count on the server. (DE53854)

SAP

- The SAP viewer was not able to display JPG images. (DE50127)
- When a document was deleted out of SAP, the corresponding Saperion document was not deleted. (DE53816)

Core server

- Resolved an issue that occurred when a global pool condition was changed, where running clients could no longer archive, and a “FolderOutdated” error message appeared. The corresponding INI file now updates accordingly. (DE47306)

Storage

- The Saperion installation package now includes the OneFS Isilon plugin. (#53134)