Saperion

Release Notes

Version: 8.0

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Lexmark™ Enterprise Software

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Saperion 8.0 Release (September 30, 2016)

This guide contains information about new features, product enhancements and updates in the Saperion 8.0 product. New features and product enhancements list additional functionality available for your system. Updates list known corrections to your Saperion ECM 8.0 system.

Important note

Due to the new User Management, there are modifications you must make before you update to Saperion version 8.0. Before installing the new version, read the Saperion version 8.0 Update Guide as well as the Saperion version 8.0 Technical Specifications document. The Technical Specifications document lists the complete system requirements and compatibilities, as well as discontinuations, for the current Saperion version.

New Features

These are the new features for Saperion 8.0.

Saperion ECM Services

With the new Saperion ECM Services, partners and customers are provided with a comprehensive API in the form of a REST service. The API provides the functions of Saperion ECM version 8.0, so that business processes can be mapped cross-platform to the cloud, using the included Java and JavaScript SDKs. You can also use the latter to create Rich Web Applications.

Using the ECM Services, you can create applications that are based on the Experience GUI Framework. The Experience Framework is the foundation for the implementation of custom applications that can be presented and used in browsers as well as on mobile devices. The Experience Framework as well as the available app templates can be obtained from Support.

Note Currently, all index tables must be located on the main data source.

User Management

The Saperion User Management was restructured with a new data model and additional tables.

Saperion automatically migrates the user management at the first start of Saperion version 8.0. For a successful migration of your data, see the Saperion 8.0 Update Guide before you update to Saperion version 8.0.

When you use the ECM REST Services, users can now

- Belong to an unlimited number of groups (previously 150).

- Apply ACLs to unlimited number of groups or users (previously 200).

Two-step deletion is now supported for all objects. A final deletion is only possible through a system administrator.

Saperion Web Client

Work without applets

With the new version of the Saperion Web Client, you can work securely without integrated applets. The document viewer, document upload, and mail functions can now be executed without additional security questions or configuration. In addition, you no longer have to wait for an applet to load.

New ZK Framework

The ZK Framework on which the Web Client is based is improved. Documents can now be dragged to the archive, instead of using the less convenient upload area. If you have configured custom themes for the Web Client, you must reconfigure them. In addition, you may need to modify existing scripts. For additional information, see the ZK web site.

User Interface design

The Saperion Web Client user interface now has a more modern look and design.

Saperion ECM S3 storage plugin

Saperion now supports the S3 API with a new storage plugin that allows you to save your data on S3-compatible storage systems, such as Amazon S3, or NetAPP Atmos. For more information, see the "Plug-Ins" topic in the Saperion online help.

Saperion LDAP synchronization

In addition to the existing LDAP synchronization, Saperion 8.0 now offers a new stand-alone tool for LDAP synchronization. The tool can be executed with both version 7.5 and version 8.0 of Saperion, and can be used instead of the existing LDAP sync. It supports current SSL certificates. The tool is available as a separate download.

Enhancements

This release includes the following product enhancements.

Web Client events

In previous versions of the Web Client, both an onSaveDoc as well as an onDocumentAdded event were sent after a document was successfully archived. With Saperion version 8.0, only the onDocumentAdded event is sent. In addition, index form scripts executed after archiving must now wait for the onDocumentAdded event (com.saperion.ngc.events.iform.DocumentAddedEvent) to occur. Note that you may need to modify existing scripts.

Classic Connector pool

The pool used by the ClassicConnector was updated to the latest version, bringing more stability and adding performance enhancements. The update made it necessary to change the interface of the class com.saperion.connector.pool.ConnectionPoolUtil. If you have a custom implementation that uses this class, you must modify it. For more information, see the "commons-pool" section of the Apache Commons website.

New JDBC data source configuration file

Beginning with Saperion version 8.0, the Java Core Server uses a new configuration file for reading JDBC data sources. If you are updating from a previous version of Saperion to version 8.0, the system migrates your data source information when you start the Java Core Server. For more information, see the "About Java Core Server options" topic in the Saperion Installation and Setup Guide on the Product Documentation portal at docs.kofax.com.

Handling of counter fields during CSS import

To avoid duplicate entries, the contents of counter fields are assigned new for imported documents. This may result in values in the CSS file being ignored.

Form fields

It is no longer possible to set both a default value in a field, and mark the field as "content persistent".

Unicode in Saperion Workflow

Unicode is now supported in the Saperion Workflow.

Updates

This release includes the following product updates.

Rich Client

- 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).

- 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).

Core Server

- The thread watchdog options in the SaperionOptions.ini file were improved (DE51660).

- 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).

SAP

- Resolved an issue where the R/Link was not able to display certain multi-page TIFF images (DE55202).