

ReadSoft PROCESS DIRECTOR Web Application

Patches

Version: 7.5



© 2019 Kofax. All rights reserved.

Kofax is a trademark of Kofax, Inc., registered in the U.S. and/or other countries. All other trademarks are the property of their respective owners. No part of this publication may be reproduced, stored, or transmitted in any form without the prior written permission of Kofax.

Table of Contents

Overview	5
ReadSoft PROCESS DIRECTOR	5
Patch Level 20 – December 9, 2019	5
<i>Enhancements</i>	5
<i>Updates</i>	5
Patch Level 19 – October 11, 2019	5
<i>Enhancements</i>	5
<i>Updates</i>	6
Patch Level 18 – July 3, 2019	6
<i>Enhancements</i>	6
<i>Updates</i>	6
Patch Level 17 – May 13, 2019	6
<i>Updates</i>	6
Patch Level 16 – March 5, 2019	7
<i>Enhancement</i>	7
<i>Updates</i>	7
Patch Level 15 – January 18, 2019	8
<i>Updates</i>	8
Patch Level 14 – November 23, 2018	8
<i>Updates</i>	8
Patch Level 13 – October 5, 2018	8
<i>Enhancements</i>	8
<i>Updates</i>	8
Patch Level 12 – August 7, 2018	9
<i>Enhancements</i>	9
<i>Updates</i>	9
Patch Level 11 – June 7, 2018	9
<i>Updates</i>	9
Patch Level 10 – April 6, 2018	10
<i>Enhancement</i>	10
<i>Updates</i>	10
Patch Level 9 – February 8, 2018	10
<i>Enhancements</i>	10

<i>Updates</i>	10
Patch Level 8 – December 8, 2017	11
<i>Enhancement</i>	11
<i>Updates</i>	11
Patch Level 7 – October 20, 2017	11
<i>Enhancements</i>	11
<i>Updates</i>	12
Patch Level 6 – July 28, 2017	12
<i>Enhancements</i>	12
<i>Updates</i>	12
Patch Level 5 – June 2, 2017	13
<i>Updates</i>	13
Patch Level 4 – April 3, 2017.....	14
<i>Updates</i>	14
Patch Level 3 – February 14, 2017	14
<i>Enhancement</i>	14
<i>Updates</i>	14
Patch Level 2 – December 22, 2016	15
<i>Enhancements</i>	15
<i>Updates</i>	15
Patch Level 1 – September 28, 2016	15
<i>Enhancement</i>	15
<i>Updates</i>	15
ReadSoft Mobile	17
Patch Level 3 – October 20, 2017	17
<i>Update</i>	17
Patch Level 2 – April 3, 2017.....	17
<i>Update</i>	17
Patch Level 1 – December 22, 2016	17
<i>Enhancement</i>	17

Overview

This file contains information about updates and enhancements for the Kofax ReadSoft PROCESS DIRECTOR 7.5 Web Application™.

ReadSoft PROCESS DIRECTOR

Patch Level 20 – December 9, 2019

Enhancements

This patch provides the following new enhancements.

- The parameter values for "pd_suggest_mode" have been extended to allow a more flexible configuration of the suggestions functionality. "pd_suggest_mode" can now be used together with "pd_extended_search" to include results from both local user suggestions and the background search.
- Previously, removing the "RequestAuthnContext" attribute from the "ServiceProviderConfiguration" section of the "SAMLConfiguration.xml" file had no effect. It is now possible to suppress this attribute by setting its value to <AuthnContextClassRef>OFF</AuthnContextClassRef>.

Updates

This patch provides the following product updates.

- Resolved an issue whereby suggestions were not displayed for the recipient fields in the "Forward" and "Approve" screens.
- Resolved an issue whereby attachments were no longer displayed after the document was updated.
- Resolved an issue whereby no suggestions were displayed when pd_suggest_mode=off and pd_extended_search=yes were configured.
- Resolved an issue whereby the Web Application did not time out after a period of inactivity in a SAML SSO scenario.
- Resolved an issue whereby if more than one system was defined in the saplogon-properties file, the logon page for the default system was always displayed after a timeout.
- Several security-related issues have been resolved.
- To improve security, the following libraries were upgraded: jackson-xc-1.9.2.jar, jackson-mapper-asl-1.9.2.jar, jackson-jaxrs-1.9.2.jar, jackson-core-asl-1.9.2.jar.
- The struts version was fixed in struts.xml.

Patch Level 19 – October 11, 2019

Enhancements

This patch provides the following new enhancements.

- Added icon mapping handling for follow-up flags.

- New parameter “pd_search_on_change_DOCTYPE_FIELDID” to specify the minimum length for triggering the background search for a specific field. This helps to prevent timeouts on the SAP side when the search yields many results.
- New parameter “ntlmauthenticate_remove_domain” to remove or retain full domain information (SNC SSO scenarios require full user information).

Updates

This patch provides the following product updates.

- It is now possible to delete all tax lines.
- Resolved an error whereby the user type was cleared in the recipients dialog box when forwarding or sending a query failed.
- Resolved an issue whereby an error was displayed when the user logged off if the “logoff_redirect_url parameter” was set.
- Resolved an issue whereby an error was displayed when the user tried to open an MM document containing PO items without a delivery date.
- Resolved an issue whereby the “Suggestions” dialog popup was too wide for fields with a large maximum length.
- Resolved an error whereby a different currency conversion was used for the header and the account lines.

Patch Level 18 – July 3, 2019

Enhancements

This patch provides the following new enhancements.

- Follow-up flags are now displayed in both the document overview list and detail view.
- The required image files have been adjusted in accordance with the rebranding needs.

Updates

This patch provides the following product updates.

- Resolved an error whereby for externally mapped users, single document links did not work.
- Several security-related issues have been resolved.
- Resolved an issue in which the application was not working with Java 1.6.
- Resolved an error whereby for invoices, the workflow status was not displayed in the header.

Patch Level 17 – May 13, 2019

Updates

This patch provides the following product updates.

- Several security-related issues have been resolved.

- Resolved an issue whereby an error message was displayed on trying to create a goods receipt for a purchase order.
- Resolved an issue whereby on entering lowercase letters in the country field for a one-time vendor, an error message was displayed.
- Resolved an issue in which an empty tab was displayed when the withholding tax fields were set as hidden in the field status.
- Resolved an error whereby on trying to edit the account assignment values, a null pointer exception was encountered.
- Resolved an error in which the withholding tax amounts were stored and displayed with incorrect decimal places.

Patch Level 16 – March 5, 2019

Enhancement

This patch provides the following new enhancement.

- The following third-party libraries have been updated.
 - commons-httpclient
 - commons-codec
 - commons-lang
 - pdfbox
 - velocity

Updates

This patch provides the following product updates.

- Resolved an error whereby if the substitute Worklist node had been configured and the user was not a substitute, an exception was encountered.
- Resolved an issue in which the incorrect user profile was displayed.
- Resolved an error in which if “pd_wfsteps_in_header” was set to “C”, no search help options were set for the “Long name” and “E-Mail” fields.
- Resolved an issue whereby single document links did not work.
- Resolved an error whereby OpenSAML failed due to an undeclared dependency.
- Resolved an issue in which due to the new version of the XMLSec library, SAML authentication could not resolve signatures.
- Resolved an error whereby on calling SAML without URL query parameters, the "Problems extracting attributes" error was caused by a null point exception.
- Resolved an issue in which Azure SAML required the “RequestedAuthenticationContext” parameter to be set to "exact", instead of "minimum" (which was hardcoded).

Patch Level 15 – January 18, 2019

Updates

This patch provides the following product updates.

- Resolved a minor security issue.
- Resolved an error whereby cacheable HTTPS responses were sent.
- Resolved an error in which unicode characters were not correctly exported to a CSV or Excel file.
- Resolved an issue whereby the previously displayed image of an earlier invoice was still displayed as the image for the next invoice created, even though the newly created invoice also had an associated image.
- Resolved an error whereby on using Java 9 or higher on the application server, an error was encountered (missing class, “JAXBException”).

Patch Level 14 – November 23, 2018

Updates

This patch provides the following product updates.

- Resolved an issue in which deleting the tax line during invoice creation led to a null pointer exception.
- Resolved a minor security issue.
- Resolved an issue whereby some HTTP response headers that are considered as security best practices were missing.
- Resolved an error in which a content security policy header for HTTP responses was not specified.
- Resolved an issue whereby it was possible to log in using a secret password that was created from the user name and a static string.
- Resolved an error whereby when creating an invoice from the template, the taxes section was missing.
- Resolved an issue in which the CSV download list functionality did not have a hardcoded extension (CSV) for the list.

Patch Level 13 – October 5, 2018

Enhancements

This patch provides the following new enhancements.

- Apache Struts has been upgraded.
- After upgrading struts2-core, the related libraries have also been upgraded.

Updates

This patch provides the following product updates.

- Resolved an issue whereby the field status for the user profile was inconsistent between the overview screen and detail view.
- Resolved the issues raised by WhiteSource.
- Resolved a minor security issue related to cross-site scripting.

Patch Level 12 – August 7, 2018

Enhancements

This patch provides the following new enhancements.

- The “AuthnContextClassRef “ SAML Service Provider parameter can now be configured.
- The attachment list layout has been improved.

Updates

This patch provides the following product updates.

- Resolved an issue whereby if the suggestion list was active, the vendor number on a draft requisition could not be updated.
- Resolved an issue in which when an email was archived as a note, the last word in the first line and the first word in the second line were merged.
- Resolved an issue whereby a blank page was displayed for a “TIFF” image.
- Resolved an issue whereby searching for a user by the full name did not work.
- Resolved the login issues encountered on using user groups.
- Resolved an error whereby the user language having an empty value was supported.

Patch Level 11 – June 7, 2018

Updates

This patch provides the following product updates.

- Resolved an issue whereby an Accounts Payable document could be accessed with more than one link.
- Resolved an error whereby if the suggestion list was active, the vendor number on a draft requisition could not be updated.
- Resolved a ReadSoft Mobile-related issue that occurred in “DocumentServiceProvider”.
- Resolved the performance issues that were encountered when a lot of users were preassigned to a workflow step in Accounts Payable.
- Resolved an issue whereby the Tomcat 8 Session Manager randomly failed.
- Resolved an issue in which on selecting a possible value, the field action was not called.
- Resolved an error whereby after an automatic field update, the invoice image was closed.

- Resolved an error whereby when a workflow step was configured as requiring a mandatory note, an old message about a missing note was being displayed.

Patch Level 10 – April 6, 2018

Enhancement

This patch provides the following new enhancement.

- The rebranding of the company name to "Kofax Deutschland Technologies GmbH" is now complete.

Updates

This patch provides the following product updates.

- Resolved an issue whereby when a new posting position line was added after an existing error was corrected, multiple posting position lines were displayed.
- Resolved an error whereby the deletion of multiple approvers the second time around was not working.
- Resolved the "Veracode" error of improper neutralization of special elements in the system command.
- Resolved an issue in which the buttons on the "Attachments" panel were not displayed.
- Resolved an error whereby the custom messages were not active.
- Resolved an issue in which for purchase orders, the "Texts" button was displayed only when the first line item had been saved.
- Resolved the "BackendServices (cmd=3): Error java.lang.String cannot be cast to java.util.Date" error.
- Resolved an error whereby no scroll bars were available in the "Upload attachment" popup.
- Resolved an issue whereby the "maxresult.search" parameter could not be used in "user_settings.xml".
- Resolved an error whereby the unsupported "pd_message_mode" parameter was still available. This parameter has now been removed.

Patch Level 9 – February 8, 2018

Enhancements

This patch provides the following new enhancements.

- The information about licenses is now available to the end users.
- The "CertificateKeyUtil" class has been refactored to prevent license issues.
- The "SizeBasedToS3RollingAppender" and "DailyRollingFileAppender" classes have been removed.
- JBIG2 codec support has now been added for the "PDFToImage" conversion.

Updates

This patch provides the following product updates.

- Resolved an error whereby after adding a line, the suggestion mode did not work.
- Resolved an issue whereby deleting multiple approvers did not work correctly.
- Resolved an issue in which it was not possible to display the "User profile" Worklist node, without also displaying its corresponding "Quick Start" button.
- Resolved an error in which an invalid XML character (character reference) was found in the element content of documents.
- Resolved an issue whereby there were unused classes in "pdtheme.css".
- Resolved the "MasterWorklistNavigatorImpl.Result.adaptTree" NPE error.
- Resolved the NPE error in which the filter was active in the overview list, but the list was empty.
- Resolved the "(cmd=5) getFieldWithReference" error.
- Resolved an issue in which when running on a UNIX system, the application could not find the SAML configuration file.
- Resolved an issue whereby the SAML user ID caused a type cast exception.

Patch Level 8 – December 8, 2017

Enhancement

This patch provides the following new enhancement.

- The copyright page and icon have been updated to the Kofax standard.

Updates

This patch provides the following product updates.

- Resolved an issue of incorrect message handling in the RFC: initialize_call().
- Resolved a problem in changing the validity date for substitutes.
- Resolved the FATAL errors - SAXParseException & SAXException.
- Resolved an issue in which each time a new line was added for "Accounts", the error Message, "BackendServices (cmd=7)", was displayed.
- Resolved an error in which the search help for the "CO-PA" field was not displayed.
- Resolved an issue in which the key for the client pool was unique in JCO3 for every connection.

Patch Level 7 – October 20, 2017

Enhancements

This patch provides the following new enhancements.

- In the "pdweb-app.properties" configuration file, the new "pd_wfsteps_in_header" parameter now allows you to configure whether the workflow processors are displayed in the header or not.
- Closing of the [web-core-platform, sap-provider] streams.
- Update of the struts2 version.

Updates

This patch provides the following product updates.

- Resolved an issue in which there was no line break in the second line of the workflow note.
- Resolved an issue in which when users closed the browser without logging out of the Web Application, an error message was displayed when they tried to log in again.
- Resolved an issue in which the Netweaver message, "log4j:WARN custom level class [LOGDIR DIRECTORY WHERE LOG WILL BE STORE]" was not found.
- Resolved an issue in which the tooltip for workflow status incorrectly described it as displaying the list of documents.
- Resolved an error in which the document workflow status did not change to "Forwarded" after performing a forwarding action.
- Resolved an issue in which HTM attachments did not display German characters correctly.
- Resolved an error in which an invalid XML character (Unicode: XXXX) was found in the element content of the document.
- Resolved an issue in which the attachment list disappeared when the user opened and closed the "Workflow Status" window.
- Resolved an error in which users with "Ä", "Ü", "Ö" in their login user names were not able to see any document in their workflow inboxes.
- Resolved an error in which a user with ß in the ID could not change the initial password.

Patch Level 6 – July 28, 2017

Enhancements

This patch provides the following new enhancements.

- A new test mode version is now available.
- Workflow information is now displayed in separate panes in the header area [Accounts Payable only].

Updates

This patch provides the following product updates.

- Resolved an issue with "Finalizer" in the Google Guice 3.0 version.
- SAP NetWeaver:
 - Resolved an issue in which the "swfupload.js" and "swfupload.speed.js" files were missing.
 - Resolved an error that occurred on logging out after automated testing.
- Resolved an error in which upon initial password change or logon, the application crashed (producing FATAL errors in the logs).

Patch Level 5 – June 2, 2017

Updates

This patch provides the following product updates.

- Resolved the Java error that was encountered on creating an invoice from a template.
- Resolved an error in which in User Profile - Personal data, the “Telephone” and “Department” fields were mandatory and it was not possible to add a substitute without filling in those fields.
- Extended the fix for the issue in which a popup incorrectly contained the docked image.
- Resolved an issue in which there was no response from the OCI catalog.
- Resolved an issue in which unsupported suggestions from lower versions still existed as the suggestions file had not been removed.
- Resolved an error in which "StandardCachingStrategy" caused stack overflow issues.

Patch Level 4 – April 3, 2017

Updates

This patch provides the following product updates.

- Resolved a security vulnerability by using struts2 version 2.3.32.
- Resolved an error in which the width of the search help result pop-up was not dynamically set, based on the column's width.
- Resolved an issue in which not all the user details were automatically updated from the user list.
- ICSXMLSapProvider:
 - Resolved an issue in which the search help for OTV fields did not work.
 - Resolved an issue in which in the WORK CYCLE history, the document had an old workflow status in the document detail view.
 - Resolved an issue in which the "Back" button used the field status for the document overview list.
- Resolved an error in which changing the language in the user profile did not work.
- Resolved an issue where the default substitute user type was not the same as the logged-in user type.
- Resolved an error in which there was a hazard in accessing the array in the log.
- Resolved an error in which the "Recall" Worklist node for invoices was always displayed when it was enabled in the properties file.

Patch Level 3 – February 14, 2017

Enhancement

This patch provides the following new enhancement.

- Extension of the feature of automatic image display in the detail mode.

Updates

This patch provides the following product updates.

- Resolved an additional layout problem that occurred when hiding the attachment list or attachment viewer.
- Resolved an issue in which the "Back" button did not work and only refreshed the document details.
- Resolved an error in which the invoice image was opened twice.
- Resolved an issue in which for a docked image, the vertical scroll bar (on the right side) was missing.
- Resolved an issue where in the "Attachment" panel, the attachment list was not automatically expanded.
- Resolved an error in which the NTLM SSO did not work.
- Resolved an issue where in the ICSXMLSapProvider, the user type was not populated on using "New Line" in the "User Assignment" window.

- Resolved an issue in which TXT files were not displayed in Internet Explorer.
- Resolved an error in which the invoice image opened on all actions in the document detail view.
- Resolved an issue in which the “Attachment” panel did not close when specific parameters were set.
- Resolved the “Log4j” error.
- Resolved an issue in which the document overview list buttons did not work (no action).
- Resolved an error that occurred on using the “Quick Start” icon for invoice creation, in Kofax ReadSoft PROCESS DIRECTOR Accounts Payable™.
- Resolved an issue in which attachments were not displayed in a separate window.

Patch Level 2 – December 22, 2016

Enhancements

This patch provides the following new enhancements.

- Automatic image display in the detail mode.
- Redesign of the “Edit suggestions” dialog box.
- Storing of suggestions, per process type.

Updates

This patch provides the following product updates.

- Resolved an error in which an empty log file was created in the application server root path.
- Resolved a layout problem when hiding the attachment list or attachment viewer.
- Resolved an issue with using the PDF viewer in Internet Explorer.
- Resolved an error in which creating a delivery note from a purchase order resulted in `java.util.ConcurrentModificationException`.
- Resolved an issue in which the “Notes” pane did not open.
- Resolved an issue in which a popup incorrectly contained the docked image.
- The “log.properties” file no longer contains the “...\${catalina.home}...” property.

Patch Level 1 – September 28, 2016

Enhancement

This patch provides the following new enhancement.

- The PD suggestion mode has a new value, “off”, for disabling the use of suggestions.

Updates

This patch provides the following product updates.

- Resolved an issue whereby the "?" search help icon stayed in the same location on using the scroll wheel.
- Resolved the security vulnerability in the PD Web App.
- Resolved an issue whereby the User Profile Swedish setting had an incorrect spelling of Aktiv (aAtiv).
- Resolved an issue of automatic image display in the detail mode.
- Modified the ICSXMLSapProvider to resolve the following:
 - The user assignment section disappeared in certain scenarios.
 - User assignment in the Web App was not possible.
 - /COCKPIT/RFC_WC_USER_CHANGE tried to change the user profile even when there was no change.
 - A new optional parameter is now passed to RFC WC_DATA_SET.

ReadSoft Mobile

Patch Level 3 – October 20, 2017

Update

This patch provides the following product update.

- Resolved an error in which the application stopped working on using `HttpSessionContextManager`.

Patch Level 2 – April 3, 2017

Update

This patch provides the following product update.

- Resolved an error in which the “Delivery Date” field on the “SORDER” logical level was not displayed correctly.

Patch Level 1 – December 22, 2016

Enhancement

This patch provides the following new enhancement.

- Support of the "sapsystem" parameter, as in the Web Application.