ABBYY FlexiCapture 12 Release 2 Update 10
Release Notes

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Introduction

About this document

This document describes the changes made in ABBYY FlexiCapture 12 Release 2 Update 10.

About the product

ABBYY FlexiCapture 12 is a new version of the FlexiCapture product, the main goal of which is to provide a stable and scalable Data Capture platform that can serve as a basis for creating regional and vertical solutions.

About the update

The update includes new features and bug fixes. It can be installed on its own or on top of ABBYY FlexiCapture 12 Release 1 or Release 2 with any updates installed.

Technical Information

Release	Part #	Build #	Installer build #	OCRT build #	Release date
Release 2 Update 10	**1299/33**	**12.0.2.3118**	**55173**	**16.1.583.10**	**2019.07.12**
Release 2 Update 9	1299/32	12.0.2.3104	50617	16.1.583.10	2019.06.13
Release 2 Update 8	1299/31	12.0.2.3068	39914	16.1.528.15	2019.04.02
Release 2 Update 7	1299/30	12.0.2.3042	36892	16.1.528.9	2019.03.07
Release 2 Update 6	1299/29	12.0.2.1420	29512	16.1.251.84	2018.12.28
Release 2 Update 5	1299/28	12.0.2.1398	27056	16.1.251.75	2018.12.05
Release 2 Update 4	1299/27	12.0.2.1387	25159	16.1.251.75	2018.11.22
Release 2 Update 3	1299/26	12.0.2.1370	22855	16.1.251.68	2018.10.30
Release 2 Update 2	1299/25	12.0.2.1363	21603	16.1.251.66	2018.10.19
Release 2 Update 1	1299/24	12.0.2.1356	20560	16.1.251.66	2018.10.05
Release 2	1299/22	12.0.2.1194	16090	16.1.251.47	2018.08.03

New functionality

1. Integration with external Identity Providers via SAML2.

Added an external Identity Provider (IdP) SSO (single sign on) integration feature using SAML2. This new functionality is guaranteed to work with the following IdP's: Azure Ad, One Login, Okta. New authentication methods can be set up alongside existing ones.

Any number of IdP's can be configured.

Each Tenant can have an independent IdP list.

Delegation of rights in FlexiCapture is carried out by the system administrator.

Currently, external IdP's are added using PowerShell scripts — no graphical interface has been implemented yet.

The process of adding a new IdP (for example, Azure AD) is described below:

1) The FlexiCapture administrator must create an application in Azure AD. If several tenants are used in FlexiCapture, an appropriate number of applications must be created on the IdP side. In the application settings, you must specify the link as follows:

- https://<hostname>/FlexiCapture12/Login/<TenantName>/AccessToken/Saml   for more than one tenant

- https://<hostname>/FlexiCapture12/Login/AccessToken/Saml if tenants are not used, for the next parameters

A) Identifier (Entity ID)

B) Reply URL (Assertion Consumer Service URL)

2) Save the public certificate that signs the SAML response in Base64 format and copy the link which will be used in the IdP application.

3) FlexiCapture needs additional data to enable authentication using the Identity Provider. To add this data to FlexiCaptrure, you first need to run the script. The script can be launched using the standard Windows PowerShell console on the machine where FlexiCapture is installed.

The script returns the record ID from the database. **Caution**: this parameter (*IdentityProvider.ID*) must be saved. *IdentityProvider.ID* is required to remove an IdP or to change any of the parameters specified by the script. If you have not recorded the *IdentityProvider.ID* parameter, you can use *Select* to perform a search through the IdentityProvider table in the database.

Before running the script, you must specify the following data inside script:

• path to the application server

• path to the certificate

• path to the image (valid formats: *svg, jpg, png*; its size will be automatically compressed to 18x18 pixels)

• tenant name (the same as shown on monitoring)

• Provider name on the button with the "Login with ..." text preset (localization is not possible in this version)

•   specify the path to enter the IdP application - Login URL

Attention: if you call the script with the same parameters twice, 2 identical authentication methods will be added, and 2 buttons will be shown on the login page. If you have added an authentication method by accident, you need to call the IdP deletion script from the database, where you will need to specify the *IdentityProvider.ID* entry parameter (you can find it by following the steps above).

If you want to install 2 IdP for one tenant - you need to consistently run 2 scripts with the correct settings

User management features.

If a user has been excluded from a group in the IdP Active Directory (denied access rights), the user will have access to FlexiCapture until the session expires due to inactivity or until the user logs out.

Limitations and known issues:

1. SAML2 SSO in FlexiCapture is only supported on Web stations.
2. Group membership and roles for FlexiCapture users must be configured in FlexiCapture.
3. User accounts provisioned via IdP still need to have their emails set manually in FlexiCapture. This should be done by the FlexiCapture Tenant administrator when he delegates access to any group\station.
4. No SAML2 encryption support.

5. An option to turn off synchronization for users and groups between FlexiCapture and WebSeal.

Added the option to turn off synchronization for users and groups between FlexiCapture and WebSeal.

You may turn off the user synchronization using the WebSealGroupSynchronizationEnabled key in the Application Settings located in \Default Web Site\FlexiCapture12\Server.

Bug Fixes

Issue description
Fixed an error that caused log settings to be displayed incorrectly on the Web Monitoring Station when the event log was disabled.
Fixed an error that occurred when a Data Set was updated using the command line due when necessary files were not installed.
Fixed an error that caused the parameters of the "Allowed task types" option reverted to their default values after a Processing Server service restart.
Fixed a rare error that occurred when opening a project from the server in FlexiCapture Cloud.
Fixed an error that sometimes caused the horizontal scroll bar to disappear in the middle part of on the screen with three panels when using zoom on a Web Verification Station after updating Google Chrome to v.75 or later.
Fixed an error that occurred when installing FlexiCapture Standalone due to a missing OfficeConverter.dll file.
Fixed an error that caused the installation of FlexiCapture stations to fail when installing to a non-default directory.
Fixed an error that caused the user's permission to take a task set via a script to be ignored during a scripting stage in some cases.