

eFLOW 6.0

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eFLOW 6.0 includes:

- .NET Framework 4.7.2 full compatibility
- Compiled with latest NuGet libraries
- ASP.NET MVC 5.2.7
- Full support for TLS 1.2
- Important fixes for reported issues.

Prerequisites

The .NET framework 4.7.2 is a prerequisite for eFLOW 6.0. It is included as part of the installation package.

Notes

For existing applications, there may be a need to change custom code if the following registry entry has been hardcoded. What used to be:

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\TopImageSystems\eFlow 5

is now:

HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\TopImageSystems\eFlow 6

Installation instructions

Before the installation

eFLOW 6.0 requires a full installation. If a previous version is installed, before the installation of eFLOW 6.0, make sure the following existing items are removed/uninstalled/deleted:

Remove programs (server & client)

- eFLOW platform
- OCRs
- WebValidate/WebScan/WebFrontOffice
- Fuzzy Service

IIS (Server)

- TIS Website
- WebValidate
- WebScan
- WebFrontOffice

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Databases (SQL server)

- eFLOW Management database
- eFLOW Monitor database

Physical deletion (Server & Client)

- TIS and OCRs folders
- TIS AppData folder

Perform the installation

The installation package can be downloaded from the TIS FTP site.

1. Download and unzip the eFLOW Platform Installation.
2. If you are planning to run Web stations, download and unzip the relevant Web station installations.

Note: It is necessary to unblock cookies in Google on machines running Web Validate, Web Scan or Web Front Office servers.

3. If you will be using Tis Fuzzy Server, download and unzip the relevant installation.
4. Download and unzip the OCR Engines Installation.
5. Start the eFLOW Installation Launcher by clicking on the eFLOW Launcher shortcut.

See the *eFLOW Implementation Guide* for detailed information on installing eFLOW.

Resolved issues

Core

Issue no.	Summary	Detailed information
37858	Incorrect folder names in Turkish system locale	After installing a new application on a machine with a Turkish locale, some of the subfolder names in the <i>C:\ProgramData\TIS\eFlow 5\AppData\Client\</i> folder contained Turkish instead of English characters, with the result that stations were unable to locate the configuration files in these folders.
37692	Error when running custom split station	When running instances of a custom station that splits collections, the wrong number of locked collections was displayed and the error <i>A header with name TiS.Core.TisCommon.Services.Web.TisWebServiceContextData and namespace TiS.Core.TisCommon.Services.Web already exists</i> in the message was displayed in the log.

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Issue no.	Summary	Detailed information
37409	Result of <i>QueryStationCollections</i> different in 5.2 SP2 and 5.2 SP3	The number of collections returned by <i>QueryStationCollections</i> differed between eFLOW 5.2.2 and 5.2.3.
36096	Autorun stations defined on a secondary node did not start as expected.	When autorun stations were defined with the client machine as the primary node and the server machine as the secondary node, the <i>AutorunStarter</i> service only started some of the stations on the server.

Control

Issue no.	Summary	Detailed information
37701	Sorting by priority does not work correctly.	When sorting collections by <i>Priority</i> , the collections were displayed in alphabetical order instead of by the assigned priority values.

Scan

Issue no.	Summary	Detailed information
37174	All buttons temporarily disabled at the end of scanner feed.	When using a high-performance scanner and saving to JPG, all buttons in the Scan station were disabled for around 60 seconds after scanning finished.
37138	Barcode recognition using PixTools API does not work	When using the PixTools API for barcode recognition, barcodes defined as form separators in the Scan station configuration were not recognized.

Recognize

Issue no.	Summary	Detailed information
37362	Abbey engine fails to return results for MICR line	When the Abbey OCR engine was used in a virtual engine, the virtual engine failed to return results for an MICR line, even though the Abbey engine itself returned results.

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Issue no.	Summary	Detailed information
37293	IndexOutOfRangeException error when processing images in full page recognition	When running full page recognition on certain images, the Recognize station returned the error message <i>System.IndexOutOfRangeException: Index was outside the bounds of the array.</i>
36572	Freedom activity: Error after changing Weight PC of a table	After the <i>Weight PC</i> value of a table was changed in Design Free, an error appeared in the log when running the Recognize station.

Organize

Issue no.	Summary	Detailed information
36768	Organize crashes after applying EFI to a page	After applying an EFI to a page, the station returned a fatal error. The station was also downloading JPGs, even though these had not been set as attachments in the station configuration.
36790	Table fields created by code not merged when forms are merged	After merging a collection using the Organize API, the table fields were not added to the new merged form.
34215	New properties <i>AllowPagesWithoutEFI</i> and <i>DisplayOnlyPagesWithoutEFI</i>	The properties <i>AllowPagesWithoutEFI</i> (default is <i>True</i>) and <i>DisplayOnlyPagesWithoutEFI</i> (default is <i>False</i>) were reintroduced to the station settings.
36556	Collections split using code have no attachments	After splitting collections using the Organize API, sometimes the split collections had no attachments.

Validate

Issue no.	Summary	Detailed information
37421	Image in Validate not rotated as defined in Layout Designer	When a rotation value was set for an image viewer in Layout Designer, the image was not rotated in the Validate station.

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Issue no.	Summary	Detailed information
37063	Slow navigation	The station was slow to respond when navigating between fields using the TAB key. The issue occurred when fields were on different pages, requiring the image viewer to change the display.
36492	Data entered by the user is deleted	If the user moved pages in the <i>Form navigation</i> area and then entered values in the form fields, on pressing TAB in the last field, the entered values were deleted.
37939	Using OnKey event to switch layout causes the station to crash	When using the <i>OnKey</i> event to switch to a different layout, the Validate station crashed when the key was pressed.

Web Validate / Web Scan / Web Front Office

Issue no.	Summary	Detailed information
37264	Web Validate: Locked collection statistics not written to Statistics database	In the <i>Statistics</i> database table <i>eFlow_AuditCollectionsQueue</i> the status <i>Locked</i> was not displayed in the <i>CollectionActionName</i> column.

Design

Issue no.	Summary	Detailed information
37798	FormoutBitFlags reset in View CSM reset after Save All in Design	After selecting the menu item <i>Save All</i> in the Design module, the value of the property <i>FormoutBitFlags</i> was reset to zero in View CSM. The <i>Save All</i> menu item was removed.

Design Smart

Issue no.	Summary	Detailed information
35911	SmartService license not updated when using Smart activity	When using the Smart activity in recognition, the <i>efSmartService</i> license was not updated in the <i>Administrative License Management</i> dialog.