



# Release Notes for Business Integration Solutions 10.0.43.66 for Microsoft Dynamics 365 Finance and Operations

Release Notes

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# Document Information

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# 1. Business Integration Solutions

## 1.1 General

### 1.1.1 Purpose

This document describes the new releases of STAEDEAN Business Integration Solutions for Microsoft Dynamics 365 for Operations. Please read this document carefully before installing it. If you are interested in the practical how-to information, we provide on the STAEDEAN blog, you can follow the links we provide in some sections of the document. You find our blog at [www.staedean.com/blog/](http://www.staedean.com/blog/).

### 1.1.2 Audience

The document audiences are consultants and customer end-users.

### 1.1.3 Installation notes

To install 'Business Integration Solutions' you need a valid license key. The following licenses are available:

- Business Integration Solutions
- Connectivity
- EDI
- MDM Master data management

### 1.1.4 Delivered models

Models are no longer delivered via LCS. If you still need the code, please reach out to our support team.

### 1.1.5 Software requirements

Business Integration Solutions components are released on the following kernel build. This means that this version installs on Update 10.0.38 and higher.

Version	Kernel build	Application version
Microsoft Dynamics 365 for Operations – Update 62	10.0.38.0	7.0.7120.53

### 1.1.6 Product release information

Business Integration Solutions 10.0.43.66 for Dynamics 365 Finance and Dynamics 365 Supply Chain Management (10.0) is built upon D365 version 10.0.38. Since Microsoft maintains a no breaking changes policy, the fact that this release is built on this version means that it can be applied to an environment running on D365 version 10.0.38 or any later version and the application should compile without any issues. However, as we have only functionally validated this version against D365 version 10.0.43, we recommend applying our TI product release on that MS version as well. If you deviate from this (and thus apply the release to a different version), we recommend performing a more thorough round of testing before applying the release to a production environment.



This is summarized in the following table.

Release date	Version number	Minimum required D365 version	Validated against D365 version	Compatible with D365 version
31/01/2025	10.0.42.64	10.0.38	10.0.42	10.0.38 and above
27/02/2025	10.0.42.65	10.0.38	10.0.42	10.0.38 and above
15/04/2025	10.0.43.66	10.0.38	10.0.43	10.0.38 and above

In case of an Error, STAEDEAN may provide a Hotfix on a reasonable efforts basis in a way it considers appropriate in its discretion. STAEDEAN cannot be obliged to provide Hotfixes if Client has not deployed the latest Release or the Release second to the latest Release and/or is not using a supported version of Microsoft Dynamics.

To ensure our customers can fully leverage the latest enhancements, features, and quality improvements, we are committed to providing increased support by keeping them updated with the most recent releases. Our data indicates that customers on the latest version experience fewer issues and requests, demonstrate greater resilience, and effectively enhance their organizational efficiency.

More information about our latest available product versions, the latest validated GA-versions from Microsoft as well as the Minimum MS version required, please visit this page: [Knowledge Base - Support - STAEDEAN](#)

#### 1.1.7 Documentation

Help documentation for Business Integration Solutions is available at [Connectivity studio \(staedean.com\)](https://connectivity.staedean.com).

#### 1.1.8 Support

In case of any question or query, please reach out to your Microsoft Partner or STAEDEAN directly. You can contact STAEDEAN via our support portal (<https://support.staedean.com/ticsm>), or send an email to [customeroperations@staedean.com](mailto:customeroperations@staedean.com)

#### 1.1.9 Labels

STAEDEAN is using the Microsoft Dynamics 365 Translation Service for automated translations of user interface elements. In our solutions we use standard labels and new solution specific labels. The standard labels are already provided with translations done by Microsoft. The solution specific labels are now also available to users in more languages.

As we used automated translations and reused existing labels it might be the case that some translations are wrongly translated. With a single translation unit, the AI powered translation service is not aware if it should be translated as noun or verb. Some words do have multiple meanings, like “application”. It could be related to recruitment or a software solution. If you come across such an issue, please use the in-app feedback or create a support case, so we can improve the translations for future releases.

The next label files are part of this release:

BIS.en-us.label.txt



BIS.da.label.txt

~~BIS.de.label.txt~~ (This translation is removed because of too many incorrect translations).

BIS.es.label.txt

BIS.fr.label.txt (This translation was not updated in the current release because of the Microsoft translation service errors)

BIS.it.label.txt

BIS.nb-NO.label.txt

BIS.nl.label.txt

BIS.pt-PT.label.txt

BIS.sv.label.txt

Excluded from our translations:

- STAEDEAN will continue to offer its services to customers and partners in English.
- Our website, product documentation, release notes, and any other updates will be available in English only.

### 1.1.10 Common features

If multiple solutions provided by STAEDEAN are used, always pick the latest version of the Common library. The Common library version included in the current release is 1.0.0.61.

### 1.1.11 SHA256 algorithm for licenses

You may have already been informed by Microsoft that licenses that are generated using the SHA1 algorithm will no longer be supported starting at Microsoft Dynamics 365's F&SCM version 10.0.39. This update will be generally made available by Microsoft on March 15th, 2024.

As we currently use the SHA1 algorithm for our licenses, there is an action for you to take to ensure you can continue using our services. We introduce the new SHA256 algorithm for our licenses, which will be supported going forward by Microsoft.

What do you need to do **before updating to version 10.0.39**?

1. Please go to the Solution Management Workspace in your F&SCM environment
2. Retrieve and install these licenses based on the SHA256 algorithm. You can find a guide on how to do that under this link

After retrieving and installing the new license, you can upgrade to version 10.0.39 without any interruptions to our services.

There should be no effect on any of your performance. In case you experience any effect, please reach out to us under [customeroperations@staedean.com](mailto:customeroperations@staedean.com).

### 1.1.12 Libraries

#### 1.1.12.1. A list of libraries

The list of libraries is provided in Appendix 1.



### **1.1.12. 2 UTF-unknown version 2.5.1**

This software includes "UTF-unknown version 2.5.1" and covered by the Mozilla Public License 1.1 (MPL 1.1).

- The source code corresponding to this executable is available at <https://github.com/CharsetDetector/UTF-unknown>.
- A copy of the full MPL 1.1 license can be accessed online at <https://www.mozilla.org/en-US/MPL/1.1/>.

## **1.2 Build changes**

No changes.

## **1.3 Fixes**

- CS00235318 | FW: wrong error-message during validation in Staging-Table
- CS00235907 | Sales order Number Sequence issue

## **1.4 Functionality New and Changed**

### **1.4.1 EDI fields working while Planning Optimisation**

#### **1.4.1.1 Current situation**

While Planning Optimisation add-on usage, it was reported that Purchase Orders created by Planning Optimisation do not have EDI triggers (PO > Header > EDI > here are several flags that could be set to Yes, which will then create a record in the Outbound message queue for Outbound documents) set to Yes, even though the Document flows are set. Without this, the triggers for creating record for Outbound does not work automatically and the customer is missing out on the files that should be generated and sent out to their Vendors/Customers.

#### **1.4.1.2. Implementation**

Missing Origin field in planned POs created via the add-on. Now the planned purchase orders are created from the add-on.

### **1.4.2 Azure DLL deprecation**

#### **1.4.2.1 Deprecation Impact**

Microsoft is deprecating the azure dll to connect to storage. This will affect the blob storage but also may in the future affect the file storage. For this reason, the way to connect to a file storage is internally altered.

The libraries used to connect to the blob storage will be deprecated. They needed to change our way of connecting to the Storage in general. Connectivity is now able to access file storage directly and via azure libraries. This meant most changes are internal, but some are visible:

A new connector to file storage via API. This new connector uses the same setup as the Blob storage.

Blob storage uses other API this means also the way to connect is not limited to SAK key and SAS token.

Flow actions are enabled also for stream connector blob, SharePoint and Azure file Storage (API)

Flow action copy and move can now handle file from another file connector.

#### **1.4.2.2 Connectivity Changes:**

- Connectivity Studio: Now able to access file storage directly and via Azure libraries, with minimal visible changes in the user interface.
- New Connector Type: 'Azure File Storage (API)' created, using the same setup as Blob storage.
- Blob Storage: Uses API, allowing connections beyond just SAK key and SAS token.

#### **1.4.2.3 File Actions:**

Flow actions are now enabled for the blob and SharePoint connector. Therefore, it is possible to enable the flow action for these connectors.

- Copy and Move: Can handle files from r file connector. This option can use another type of storage to move or copy the files. So, it is possible to move a file from a file storage to SharePoint or blob storage using a flow connector.
- Flow actions are working for all stream file connectors.
- ZIP and unzip are not implemented for stream file connectors.

### **1.4.3 Cancellation of all orders in a selection**

Currently a user can cancel only one sale order from EDI sales order form. If a user selects more than one sale order than the cancel button get disabled.

With the new functionality, a user can select more than one order, as well as cancel more than one order in one go.

#### **1.4.4 Minor changes in the BisEdiCheckOrderAlreadyExist validation**

Changes were made to appropriately display the affected element(s) within the label, whether it is the PurchOrderFormNum, CustomerReference, or both.

## **1.5 Known issues**

### **1.5.1 An issue with the form mapping recorder**

When starting the recorder for the form mapping a fatal error can occur. This mainly happens if the message is opened via the workspace of BIS. If the message is opened via the BIS menu the error does not occur.





### 1.5.2 Feature management

Microsoft is continuously adding new features in the application directly and via Feature Management. Sometimes these are public previews and will be made generally available in future releases, in other cases, they are already generally available, and you have the choice to activate them. Currently, we are not testing compatibility with all new features or combinations. Once a feature is enabled in the customer environment and any issues or questions related to new standard features and our solutions emerge, kindly contact us via STAEDEAN support.

### 1.5.3 Error on creating SQL triggers for data synchronization

In the 10.0.39 version the "SQL row version change tracking" feature is enabled by default. The feature creates a new field 'SysRowVersion' on all tables. This field should be excluded from the Connectivity studio message's or web service's synchronization triggers. It is not possible to use the 10.0.39 release with the Connectivity studio version older than 10.0.39.59.

### 1.5.4 Test functionality on the Flow action behaviour is inconsistent

In the 10.0.43.66 version, "Test" Functionality outcome for file action type "Azure blob storage" is inconsistent.

### 1.5.5 Empty file gets created when export message fails

Whenever the export message fails, an empty file gets created on the target storage.

### 1.5.6 File action detail is not captured in file history for flow action type "SFTP" for import

In the 10.0.43.66 version, File action detail is not captured in the file history after import. This happens when the flow action type is "SFTP" and the connector is "Azure file storage connector".

## 1.6 Appendix 1 – Libraries

Library	Publisher	Usage
AS2EncryptDecryptHandler.dll	STAEDEAN	Used to encrypt and decrypt for AS2 however it is deprecated but still part of the model
Azure.Storage.Files.Shares.dll	Microsoft	Standard .net library, the same as what D365 FSCM uses but added because D365 FSCM is not adding it to the default bin directory
BIS.Security.OAuth2.dll	STAEDEAN	Own library used to connect to third party web api and azure blob storage
BIS.System.Collections.dll	STAEDEAN	Own library used to connect to third party web api and azure blob storage
BisDotNetTools.dll	STAEDEAN	Some internal .net functions used by CS
BisEmail.dll	STAEDEAN	Own library wrapper for sending and receiving email
BisEmailWrapperMailKit.dll	STAEDEAN	Own library wrapper for sending and receiving email
BisFileCursor.dll	STAEDEAN	Own library to handle XML documents
BisInitFromXSDSchema.dll	STAEDEAN	Own library to handle XML documents
BisJsonReader.dll	STAEDEAN	Own library to handle JSON documents
BisMsGraphHelper.dll	STAEDEAN	Own Library to handle connection the Share point via MSGraph



BisNetworkShare.dll	STAEDEAN	Own library to make connection to a file storage to support direct read and write
BisOAuth.dll	STAEDEAN	Own library used to connect to third party web API and azure blob storage
BISODBCServiceBusClient.dll	STAEDEAN	Own library to handle the access to an on-premises database
BisRunCustomCode.dll	STAEDEAN	Own Library to handle expression in the mapping
BisSecureBlackBox.dll	STAEDEAN	Own Library to handle the access to use Secure Blackbox libraries
BisServiceBusQueueHelper.dll	STAEDEAN	Own Library to handle the access to service buses Queue
BisStorageExtension.dll	STAEDEAN	Own library to handle the access to blobs storage use bearer tokens
BouncyCastle.Crypto.dll	Third party	Used for AS2 and email and encryption
BouncyCastle.Crypto.xml	Third party	Used for AS2 and email and encryption
BytesRoad.Net.Ftp.dll	Third party	Used for sending FTP
BytesRoad.Net.Sockets.dll	Third party	Used for sending FTP
ClosedXML.dll	Third party	Used for excel documents
DocX.dll	Third party	Used for Word document exports
ICSharpCode.SharpZipLib.DLL	Third party	Used in the Zip flow action
Microsoft.ServiceBus.dll	Microsoft	Standard .net dll used for service bus Queue
Microsoft.WindowsAzure.Configuration.dll	Microsoft	Used for Azure blob storage is deprecated and replaced by standard azure.stroage.Blobs dll
MimeKit.dll	Third party	Use for encryption As2 and for sending email
SecureBlackbox.Cloud.dll	Third party	All Secure blackbox dll
SecureBlackbox.dll	Third party	All Secure blackbox dll
SecureBlackbox.FTPS.dll	Third party	All Secure blackbox dll
SecureBlackbox.HTTP.dll	Third party	All Secure blackbox dll
SecureBlackbox.HTTPCommon.dll	Third party	All Secure blackbox dll
SecureBlackbox.SFTP.dll	Third party	All Secure blackbox dll
SecureBlackbox.SFTPCommon.dll	Third party	All Secure blackbox dll
SecureBlackbox.SSHClient.dll	Third party	All Secure blackbox dll
SecureBlackbox.SSHCommon.dll	Third party	All Secure blackbox dll
SecureBlackbox.SSLClient.dll	Third party	All Secure blackbox dll
SecureBlackbox.SSLCommon.dll	Third party	All Secure blackbox dll
SecureBlackbox.XML.dll	Third party	All Secure blackbox dll
System.Memory.Data.dll	Microsoft	Standard .net
TI.OpenXmlClr.dll	Third party	Library used for excel
UtfUnknown.dll	Third party	Library used to detect file encoding in case dynamic encoding is used