TO INCREASE

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Release Notes for BC BIS 23.0.97419.0

Release Notes

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Document Information

Title	Release Notes for BC BIS 23.0.97419.0
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Solution/Suite	Business Integrated Solutions
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1.   General

1.1   Purpose

This document describes the new functionalities and fixes implemented in To-Increase BC BIS for Dynamics 365 Business Central V20 as well as the known issues at release time.

1.2   Audience

Partners and customers that will install or upgrade to enable the latest functionalities and features released in this version of To-Increase BC BIS.

1.3   Content List

Product	Version	Remarks
BC BIS	Business Central V23.0	On-Premise

1. Aligned with Microsoft Dynamics 365 Business Central 2023 (Wave 2), update 23.0
2. BIS has been aligned with version Build 23.0
3. Not all elements in standard BIS have been successfully migrated to BC 23.0: See chapter 3.2: Known issues

2.   New Features

Refer to https://business-central.to-increase.com/md/en-US/BIS_Whatsnew for an overview of the new features and structure.

- Azure endpoints https actions
- Two new BIS functions added: XStringReplace and XStringReplaceAndEscape
- Email writer body encoding

Please refer to known issues for an overview of elements that were not migrated to 23.0 for this release.

3.   Bugs

3.1   Bug Fixes

The following issues are resolved in the build 20.0.97419.0

ID	Title	Support Case
174523	webservice connections results in messages that stay in "IN PROCESS" status	CS00226485
183090	UTF BOM visible in emails	
182813	Querystring values with reserved characters are not highlighted in the webservice endpoint	
180792	AZFilewriter referred to incorrect helppage	
182324	Webservice Test page is not showing the help page	
181660	The record is not open error with Labelprinting endpoint for Loftware	CS00229466
182084	Empty arguments in function wizard not set to double quotes	CS00229629
182050	XmlportRecordGenerator and XmlPortEventGenerator doesn't show xmlports in configuration	CS00227724

The following issues are resolved in the build 23.0.96039.0

ID	Title	Support Case
172095	No help page is linked to BIS Xml Schema Setup page 11070313	
180782	Table locking issues	CS00227808
180793	WebService Endpoint security profile update is not refreshing the Authorization querystring property.	
180837	Attributeblock generated when used in config of jsontoxml	
180839	Issues with ChangeLogHandler v2 / RecordChangeHandler	CS00227880
181369	XML Generator: Partial document handler	CS00227512
181529	Notification editor not loading in	

The following issues are resolved in the build 23.0.95385.0

ID	Title	Support Case
179648	Adding retry option when a recordset cannot be retrieved	CS00227512
179670	Invalid date during import: ParseDate function (re-)introduced	
179761	JSONtoXML: Json keys with spaces could not be imported	CS00227616
179921	Importing configurations with mappings resulted in invalid base64 error message	CS00227664

The following issues are resolved in the build 22.0.94329.0

ID	Title	Support Case
176298	Check configuration should throw warning when In case of any Obsolete fields in connection document	

The following issues are resolved in the build 22.0.93220.0

ID	Title	Support Case
173307	RecordChangeEvent performance improvements	CS00226518
173025	NavVariant not intialised error while validation an option/enum field	
175210	Webservice endpoint key can only be transfered to the headermapper once	
175167	Mapper parsed non-expression lines	
170815	Recordchange details list now shows which entries are linked to a message	CS00225120
174672	XML Generator Missing mandatory table node results in xml schema error	
173531	Node policies not refreshed when a document has been redesigned	

The following issues are resolved in the build 22.0.91989.0

ID	Title	Support Case
172811	Mapper import is not supporting expressions containing non-XML characters (e.g. hex 0x15)	
172905	Configuration packages fully language independent	
173198	CS00226446 | FW: SucceedIT / AHZ : Issue Headermapper	
173317	Web service event is not initializing during import	
173490	Fields aren't validated in document config check	
173604	XCalcDate function always calculates date based on today	
172444	Parse error fixed in SaaS mapper when using Metadata() expressions	
171031	Adding help page to BIS Pipeline Page	
171032	Adding help page to BIS Document Relations	
172093	No help page linked to page 11070243 BIS Scheduler setup	
172101	No help page linked to page 11070243 BIS Scheduler setup	
172102	No help page linked to page 11070253 BIS Conversion tables	
172106	No help page is linked to page 11070232 BIS Documents 2	

The following issues are resolved in the build 22.0.90896.0

ID	Title	Support Case
172405	Advanced Regex doesn't work anymore on AzureFileReader	
171030	Help page missing from File reader setup	
172439	XML Minifier onPrem missing the values only option	
171099	XmlToText right alignment may result in a runtime error	
171529	RecordChangeEvent: Process Changes Separately may generate multiple messages for the same record	
171572	Check document configuration: attributes can be set as parent node	
172775	Reading a file on Azure Fileshare raises an error	CS00226412

The following issues are resolved in the build 22.0.89629.0

ID	Title
170585	AZFile endpoints do not support (sub) folders with spaces in their names
169057	texttoxml translator marks element as csv instead of text
169795	The splitter Import should be able to import the configuration without a reference to the document.

169796	the Timer import should be able to import the configuration without a reference to the document
169799	Document Relation import should be able to import the configuration without a reference to the document
169803	The xml generator import should be able to import the configuration without a reference to the document.
169895	AZFilewriter does not write original file when use original file is used
170166	CS00225726	AZfilewriter error max 4MiB limit
170368	Missing permission on table BIS ChangeLogFilter
170833	CS00225943	Action:Entries on lifecycle instance page show error
170836	While Creating New life cycle Entity when clicks on Initialize to add instances to any entity is Case sensitive in LCM
169839	Azure file writer does not error out when a file already exists when overwrite is set to false

The following issues are resolved in the build 22.0.88513.0

ID	Title
169064	Email writer is missing its check configuration
169739	Azure file writer upload: Filename format issue
169129	Filereader locks setup table while processing files
169136	Job queue description for specific events and endpoints don't contain a reference to their connection
169329	Separate job queue entries not updating their state on publish/design action
169366	import of xmlschemavalidator failed with document no error
169330	Timerevent document required when it should be optional
168598	Record not open error when linked fields are set on the root node table
169055	TexttoXml translator has incorrect title in BIS
169056	Pipeline check configuration is missing caption of missing element

The following issues are resolved in the build 22.0.87693.0

ID	Title
166632	Json2XML failed to validate the generated xml to the document schema
65960	XML Generator: Setup page allowed access to document lines when no document was set

The following issues are resolved in the build 20.0.86136.0

ID	Title
166278	JsonTranslator OnPrem Namespace Issues
166058	http response actions upgrade code missing
165804	Moved basic functions from Anywhere to BIS
164079	Json Translator: option to skip processing an empty document
164649	Json Translator: added policy to enforce ascii-only characters in the translated json
165717	Package Content does not store full userID
166057	License lines may be marked incorrectly invalid when running on a non en-us locale
165398	License retrieval via API is missing standard permissions
165194	TI Common getproductlines not filtering on Key

The following issues are resolved in the build 20.0.84711.0

ID	Title
163656	Workflow Management Triggers while not activated
164367	Templates of subscriptions in Replication Management saved as publications
163954	HTTP code 429: Too many requests
163953	Node Name cannot begin with the '4' character, hexadecimal value 0x34

The following issues are resolved in the build 20.0.83465.0

ID	Title
162810	Support for BigInteger, Guid and other simple types added in Expression Interface
161921	BISTXmlToJsonTranslator:Tests Not executed in BIS On Premise
162255	Runobject configuration test fails with codeunit correctly configured
163399	FTP Endpoints Re-added support for Unix styled directory listing

The following issues are resolved in the build 20.0.82333.0

ID	Title
158820	BIS document xmlport on premise had not implemented package interface
159674	Webservice Endpoint: Connection processed when response message contains error
160897	Webservice Endpoint: Error when exporting or importing multiple entries: "Sorry, we just updated this page…"
160227	Webservice Endpoint: Bodywrapping check severity downgraded from error to warning
160924	Headermapper Activity: Mapping fails without a document On Premise
160929	Headers not reset when resetting message
161698	XmlToXml Translator templates not aligned with template initialisation

The following issues are resolved in the build 20.0.81348.0

ID	Title
159674	Webservice Endpoint fails on response content, not on httpresponsecode
160198	Webservice Endpoint: removing mappings from headermapper
160196	Renamed elements cannot be used with the header mapper
160227	Webservice Endpoint bodywrapping: downgrade error to warning
158872	Conversion of Text to DateTime has incorrect time values with ISO-8601 (UTC) formatted values

The following issues are resolved in the build 20.0.80144.0

ID	Title
155416	XMLToJson, JsonToXML translator and XML Minifier cant'be imported on Premise
155487	CS00222613 | Bug in Codeunit 11070003 TIC Conversion Functions
146068	CS00221578 | Notification Management HTML Editor does not render editor
146366	XmlToTextTranslator needs alignment from Saas to Onprem
158400	Import process creates an empty connection with no content
158972	CS00222855 | BIS framework - UserID field length too short

The following issues are resolved in the build 20.0.78819.0

ID	Title
144796	Functions are not registered correctly when multiple versions of the function app are published
147658	BIS module causing high CPU-consumption
154576	XML Generator skipped empty mandatory nodes instead of non-mandatory nodes
154650	Retrieving headers from a processed message fails with error record not open
153523	SQL Writer fails when writing to tables with triggers

The following issues are resolved in the build 20.0.76989.0

ID	Title
151267	XmlToXmlTranslator CheckSetup fails
149878	BIST Web Service Endpoint:TestValidGet and 2 other tests have issues

The following issues are resolved in the build 20.0.75644.0

ID	Title
146044	Templates not working on XMLTOXMLTranslator

The following issues are resolved in the build 20.0.74511.0

ID	Title
147343	Codeunits with Cloud signature can't be registered on Premise
146470	Update failed on Permission updates
146503	Root element could be indented
145984	AZ Filewriter overwrite fails when a file doesn't exists

The following issues are resolved in the build 20.0.73214.0

ID	Title
145255	Error message when trying to open one of the connections
145315	Upgrade code not always run during Installation BIS on Premise
145590	Error DOCTYPE: DTD is prohibited in this XML document

The following issues are resolved in the build 20.0.71838.0

ID	Title
144137	VAT buffer table VAT Identifier field is too short
143572	Azure file writer doesn't report failed write as error

The following issues are resolved in the build 19.0.70674.0

ID	Title
143263	Permission sets not enabled correct on BIS/ANY

142401	Splitter does not work well

The following issues are resolved in the build 19.0.69215.0

ID	Title
112647	BIS Function library contained a reference to Dynamics NAV
140195	Typo in notification that BIS tables have been added to the change log
140197	BIS is not auto-enabled during installation on the Product registration page
140199	About page in Product registration lay-out is refreshed
95618	Not all settings were exported on the Event Generator Element
139774	Standalone HTML Editor
141083	TableFilter2View formats options with space affixes incorrect

The following issues are resolved in the build 19.0.67788.0

ID	Title
138678	Change log monitoring inaccessible tables

The following issues are resolved in the build 19.0.66050.0

ID	Title
134235	Job queue category code on elements scenarios
134930	Header mapper expressions could not be modified
134950	Unsupported reports in notification configurations

The following issues are resolved with build 19.0.64713.0

ID	Title
115391	Connection group page would trigger a rename on connections when selecting records.
131128	Upgrade procedure error when upgrading elements with deleted setup table.

3.2   Known Issues

The following issues were known with build 22.0.88513.0

ID	Title
169183	Encoding options incompatible with BC 22.0
169180	Outlook writer not compatible with BC 22.0
169179	SQL endpoints not compatible with BC 22.0
169184	File reader/writer endpoints: Directory permissions check disabled in BC 22.0
171442	Lifecycle Event is not registered when BIS or TIL is being installed while the other app is present
171540	Job Queue entries in error state with "message queue could not be updated, please reopen the page"
171065	CS00226084	Error record already exists in BIS Change Log Handler OnModify CodeUnit 11070206

4.   Upgrading

The following page explains how to upgrade in BIS on Business Central On Premise versions:

https://business-central.to-increase.com/md/en-US/sc_updateBIS.md

5.   Granule List

To-Increase **Business Integration Solutions** and its products consists of the granules listed below. These granules must be listed in the **Microsoft Dynamics 365 Business Central on premises** – and **Microsoft Dynamics 365 Business Central on premises subscription** licenses.

Product	Granule	Name
TI-Common		
N108*	11.068.690	TI-Common
BIS – Connectivity Studio		
N111*	11.068.710	Connectivity Studio Standard (5 Connections)
N111-P	11.068.860	Professional Edition (15 Connections)
N111-E	11.068.870	Enterprise Edition (30 Connections)
N111-U	11.068.880	Unlimited Edition (unlimited Connections)
BIS – EDI Studio		
N128*	11.068.750	Document Exchange & EDI Standard (5 Connections)
N128-P	11.068.910	Professional Edition (15 Connections)
N128-E	11.068.920	Enterprise Edition (30 Connections)
N128-U	11.068.930	Unlimited Edition (unlimited Connections)
BIS – Replication Management		
N130*	11.068.760	Replication Management Standard (5 Subscribers)
N130-P	11.068.940	Professional Edition (15 Subscribers)
N130-E	11.068.950	Enterprise Edition (30 Subscribers)
N130-U	11.068.960	Unlimited Edition (Unlimited Subscribers
BIS – Notification Management		
N116*	11.032.070	Notification Management

*These granules are mandatory per product, the other granules are optional and only required when

additional messages are needed.

In on-premises deployments licensing is based on granules while cloud-based (SAAS) deployments make functionality available through application areas. To be able to maintain the On Premise and SaaS versions for the products, separate apps are available for the different Business Integration Solutions