Author: Olaf Jorritsma, PO

TO INCREASE

Food Manufacturing & Distribution for Dynamics 365 Business Central 2021 Release Wave 2, Update 19.3

Release Notes for Monthly update July 2022

Table of Contents

Document Information

Title	Food Manufacturing & Distribution for Dynamics 365 Business Central 2021 Release Wave 2, Update 19.3
Subtitle (Subject)	Release Notes for Monthly update July 2022
Solution Suite	Food Manufacturing & Distribution
Category	Release Notes
Author	Olaf Jorritsma
Published Date	7/1/2022
Status	Final
Comments	None

1.   Purpose

This document describes the fixes implemented in To-Increase Food Manufacturing & Distribution for Microsoft Dynamics 365 Business Central 2021 Release Wave 2.

This release replaces Food for Microsoft Dynamics 365 Business Central 2021 Spring Update and is based on Update 19.3 for Microsoft Dynamics 365 Business Central 2021 Release Wave 2 (Application Build 19.3.202207).

2. Audience

This document is primarily meant for product- and implementation consultants familiar with the concepts of Food Manufacturing & Distribution.

This document explains the content of the delivery package to consultants of To-Increase partners.

2.1 Links to To-Increase OnlineHelp

- General: Home Page - To-Increase Documentation
- Food: To-Increase Food Manufacturing & Distribution
- What's New in Food: What is New in Food Manufacturing & Distribution
- Release Notes: Food Manufacturing & Distribution Release Notes

2.2 OnlineHelp especially for EmbedApp

The EmbedApp may respond differently in some cases than the standard Microsoft Dynamics 365 Business Central SaaS environment.

We see this especially when installing 3rd Party ISV apps and when using so-called Connector Apps.

Below are 2 links that may provide more insight on this:
- 3rd Party ISV apps instructions: ISV Instructions
- Connector Apps: Connecting to EmbedApp

3.   Deliverables

Besides 2 On-Premise packages (W1 & NA) we also deliver a SaaS EmbedApp package.

This SaaS EmbedApp is only available in the USA, localized as NA, in a Microsoft Azure Cloud environment, managed by To-Increase.

3.1   Deliverables for On-Premise

Each release contains the W1 and the NA localization.

The Artifacts folder contains:

Food Artifacts	W1 Version No.	NA Version No.
FOOD Application	19.3.202207.0	19.3.202207.0
FOOD ESHA Genesis Integration	19.3.202207.0	19.3.202207.0
FOOD Item Lifecycle Management	19.3.202207.0	19.3.202207.0
TI-Lifecycle Base	19.0.67748.0	19.0.67748.0
TI-Common	19.0.67740.0	19.0.67740.0
FOOD Label Printing	19.3.202207.0	19.3.202207.0
TI-BIS	19.0.67788.0	19.0.67788.0
TI-Common	19.0.67740.0	19.0.67740.0
FOOD Anywhere	19.3.202207.0	19.3.202207.0
ANY	19.0.67983.0	19.0.67983.0
TI-BIS	19.0.67788.0	19.0.67788.0
TI-Common	19.0.67740.0	19.0.67740.0

The extensions in the TI- … folders are mandatory and part of the base installation for To-Increase applications. They are also "Excluded" from the Extension Management page to limit the number of extensions shown.

- Refer to Installation instructions to learn how to install these artifacts.
- Refer to Checklist to create a demo database with extended CRONUS data to learn how to create a demo database from the included resources.
- For ESHA we deliver interface-data for the Genesis-module and database
- For Food Label Connections we provide two examples of labels, 1 for containers and 1 for cases. To be used with the Labelprinting module.
- For Food Lifecycles a number of example-lifecycles are available for ILM in Food.

- For Food Anywhere the out of the box processes are delivered for the Warehouse Scanning Solution BC Anywhere.

We deliver Runtime Packages for Business Central On-Premises. When the runtime package is generated on the server, the developer license is checked for permissions to the used extension IDs. The extension in a runtime package can then be installed on servers that do not have a developer license; the server only needs permissions to run the objects, but not to modify or insert them.

3.2 Deliverables US EmbedApp

As US EmbedApp follows Modern Lifecycle Policy of Microsoft it follows the majors and minors for Microsoft Dynamics 365 Business Central SaaS.

For the US EmbedApp we deliver the following apps:

US EmbedApp	Version
Application	19.3.202207.0
FOOD Application	19.3.202207.0
FOOD Anywhere	19.3.202207.0
ANY	19.0.67984.0
TI-BIS	19.0.67756.0
TI-Common	19.0.67740.0

ANY + FOOD Anywhere can only be used with a license for ANY and Device subscriptions.

To keep the SaaS experience the same as standard Microsoft Dynamics 365 Business Central, the Microsoft apps listed below have been added. As they are _exclude apps they will not be shown in Extension Management within Microsoft Dynamics 365 Business Central or in the Business Central Admin Center Manage apps part.

Microsoft _Exclude apps
_Exclude_SyncBaseApp_
_Exclude_APIV2_
_Exclude_APIV1_
_Exclude_AnonymizedDataSharing_
_Exclude_ClientAddIns_
_Exclude_Microsoft Dynamics 365 - SmartList

The standard Microsoft Dynamics 365 Business Central SaaS experience contains more apps, but we don't supply them, as they can be found on AppSource/Extension Marketplace.

Third party apps and connector apps can be used on our US EmbedApp environment when they contain the correct settings, see chapter 2.2 for links to more information.

Partners will be informed separately on upgrades and updates for US EmbedApp environments.

4.   Granule List

To-Increase **FOOD Manufacturing & Distribution (FOOD)** for Microsoft Dynamics 365 Business Central consists of the granules listed below.

These granules must be listed in the **Microsoft Dynamics 365 Business Central, Microsoft Dynamics 365 Business Central on premises** and **Microsoft Dynamics 365 Business Central on premises subscription** licenses based on the customer's purchase.

Product	Granule	Name	Version	Release
Solution Center				
N108	11.068.690	Integration Platform Base	2021 Wave 2	19.3
N108_WS	11.068.810	Life Cycle Management		
FOOD – Core Solution				
N200	370.02.010	Basic Functions	2021 Wave 2	19.3
N201	370.02.060	Warehouse Management		
N202	370.02.020	Enhanced Lot Tracking		
N203	370.02.030	Enhanced Pricing		
N204	370.02.090	Sales Status Board		
N205	370.02.200	Distribution Core		
N227	370.02.920	Allergen Management		
FOOD – Manufacturing				
N206	370.02.140	Process Manufacturing	2021 Wave 2	19.3
N212	370.02.180	Co-Product/By-Product		
N222	370.02.290	Genesis Integration		
	370.02.170	Packaging Configurator		
FOOD – Warehouse and Distribution				
N213	370.02.040	Distribution Planning	2021 Wave 2	19.3
N214	370.02.160	Container Tracking		
N220	370.02.260	Advanced W/H Management		
FOOD – Quality Management				
N207	370.02.150	Quality Control	2021 Wave 2	19.3
N226	370.02.300	Process Data Collection		
FOOD – Commodities				
N223	370.02.560	Commodity Costing	2021 Wave 2	19.3
N224	370.02.680	Commodity Payment		
FOOD – Labelling				
N218	370.02.210	Basic Labelling	2021 Wave 2	19.3
N219	370.02.220	Labelling – Software*		
FOOD - Value features				

N208	370.02.240	Deduction Management	2021 Wave 2	19.3
N209	370.02.070	Rebates/Commissions/Billback/Promo		
N210	370.02.270	Maintenance Management		
N211	370.02.050	Dual UOM & Catch Weight		
N221	370.02.280	Repack		
FOOD - Lifecycle Management				
FILM	370.02.330	Food Item Lifecycle Management		
FOOD – Anywhere				
	370.02.350	NAV Anywhere for Food**	2021 Wave 2	19.3
	11.158.610	NAV Anywhere***		

NAV ANY for Food consists of 11 out-of-the-box processes that are being shipped upon receipt or an order:

Process description
Warehouse Pick
Warehouse Shipment
Warehouse Receipt
Warehouse Put-away
Production Consumption
Production Output
(Warehouse) Physical Count
Warehouse Movement
Bin-to-Bin Movement (ad-hoc)
Container Management

* Labelling - Software has been integrated in 370.02.210 Basic Labelling

** Please note that NAV Anywhere for Food processes are based on some of the existing Food modules.

*** Please note that separate ISV Device CALs are mandatory when using NAV Anywhere for Food.

5.   New Features Summary

This is a major release where the functionality is migrated as is and adapted to new Microsoft Dynamics 365 Business Central features as needed.

Refer to What's New in FOOD for D365 Business Central for an overview of new features and links to the corresponding manual.

Newly added! Quality Control Samples:

Imagine a Quality Control employee takes a sample from a container in a specific bin in a warehouse for a Quality Control.

Has the sample a value?

Will the quantity of the sample influence the current stock level?

Will the Quality Control employee write off this inventory?

Or does the Quality Control employee informs somebody at the warehouse to write off this sample?

All legitimate questions, which now can be answered by a new feature in To-Increase Food: Quality Control Samples.

With a specific setup it is now possible to do a negative adjustment on the inventory when performing a Quality Control Activity.

See Quality Control Samples for more information.

Microsoft is continuously adding new features in the application directly and via Feature Management. Sometimes these are public preview and will be made generally available in future releases, in other cases, they are already general 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 at the customer environment and in case of any issues or questions related to new standard features and our solutions, kindly contact us via To-Increase support.

6. Post Release Defects Resolutions

6.1 Post Release Defects Resolutions

In this update the following issues have been resolved:

ID*	Title	Case**
146078	**Posting Sales Invoice gives Error with Alt Qty and Tax.**	CS00221532 (NA only)
	On MaxInvQtyAlt changed data type Integer to Decimal.	
	Object(s): CU80	
146400	**Adjust Cost crashes with a divide by zero error.**	CS00221633
	Adjust checks to check better on Item Ledger Entries.	
	Object(s): CU5804/R37002000	
146605	**Suggest Accrual Payments Document No. Incorrect when using multiple accruals in one document.**	CS00221661
	Document No. is made incremental in all possible No. Series setup.	
	Object(s): R37002120/ R37002121/ R37002122/ R37002123/ R370021230	

6.2 Other Resolutions

In this update the following has been resolved or added:

ID*	Title	Case*
144674	**Q/C templates can be added to Items without Item Tracking Code.**	Internal
	In procedure QualityCheckAllowed a check on Item Tracking Code field is added. Also a proper warning is shown when Item Tracking Code is missing.	
	Object(s): T27/P30/P31/P37002545/P37002546	
145410	**Error "Code must be filled in. Enter a value." on adding Q/C Template to Item Quality Test.**	Internal
	DelayedInsert is set to TRUE	
	Object(s): P37002541	
145564	**Sales Order error "One or more contract lines exists for the sales lines. You must process by other means. For example, process line by line".**	Internal
	Microsoft moved some code which caused constraints with To-Increase code regarding Sales Contracts. Corrected the code.	

	Object(s): T37	
146306	**Error: "The Item Unit of Measure does not exist" when want to perform Quality Control Samples.** Error re-written to: "Sample Unit of Measure Code is not defined for Quality Control Result Line" Extra info in error message guides user to correct Test Code, Lot No and Item No.	Internal
	Object(s):	
146333	**Error: The field Sample Unit of Measure Code of table Data Collection Template Line contains a value (LB) that cannot be found in the related table (Item Unit of Measure).** Removed error as not needed on Data Collection Template Line. Validation will be done on Item UoM when Template is added to Item.	Internal
	Object(s):	

*ID: Azure DevOps Work Item

**Case: Internally found defect or external found defect, external is marked with Case no. from SNOW

7.   Upgrading

When upgrading from previous versions of FOOD please contact To-Increase Support for the relevant upgrade kits and upgrade guidelines.