

WHAT'S NEW IN VERSION 1.0.1.0

The latest version 1.0.1.0 of Open Entity includes a new module called uConn, which enables connectivity with external systems and the import of data, as well as the eventual creation of automatic templates based on that data through the Import Planner module.

These new capabilities, together with several enhancements to the standard functionality, such as the execution of customer-created codeunits before and after the execution of both base and custom templates, and a new section in the dashboard dedicated to the configuration of new apps, are explained in this document.

UConn

In uConn, connections to external data providers or data sources, such as Google or eBay, are configured.

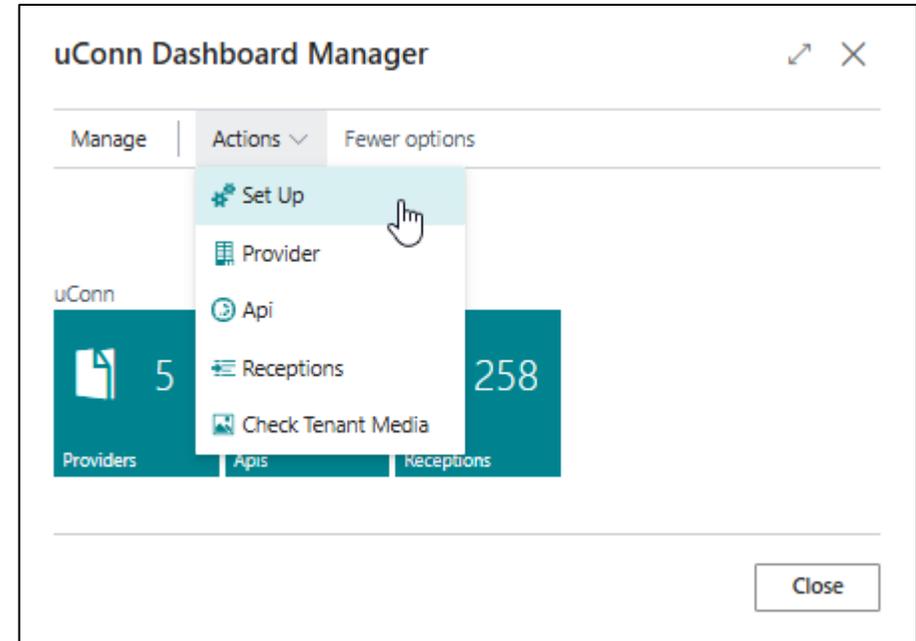
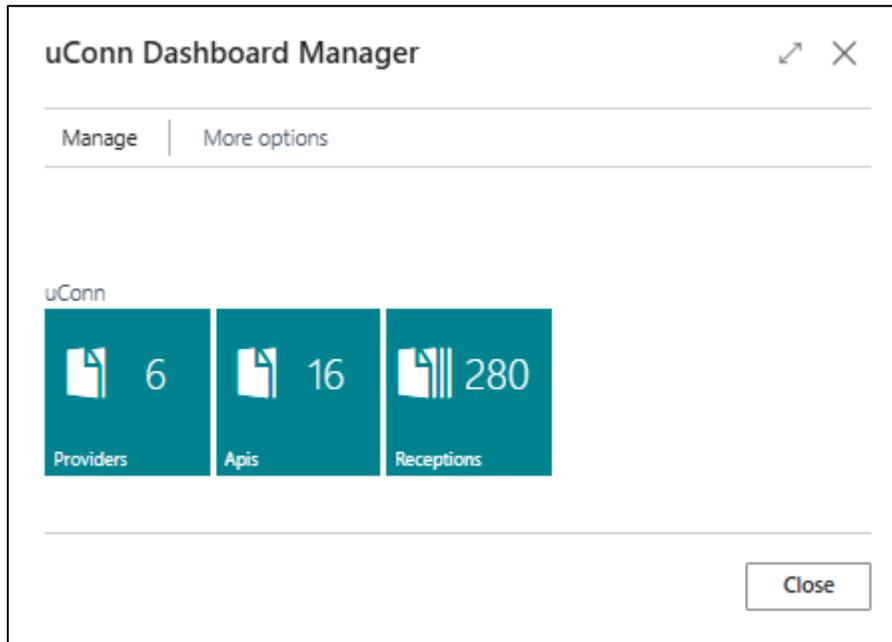
We access uConn from Open Entity > Actions > uConn > uConn Dashboard:

The screenshot displays the 'Open Entity Dashboard Manager' interface. On the left, a navigation menu is open under the 'Actions' tab, showing a list of options including 'uConn', which is highlighted. A sub-menu for 'uConn' is visible, with 'uConn Dashboard' selected and highlighted by a mouse cursor. The main dashboard area contains several sections with data cards:

- Templates:** Base (44), Don't Do (1).
- Customizations:** Clipboard Pages (56), Custom Templates (4), Template Groups (1), Equivalences (0), Import Planner (11).
- Activity:** Inbounds (52), Outbounds (4), Logs (999+).
- Notifications:** Webhooks (0), Receptions (0).
- Applications:** Apps (4).

Additional menu items visible in the 'Actions' dropdown include: Setup, Templates, Custom Templates, Folders, WebHooks, Imports, Archive, Equivalences, Registered Operations, Permissions, and Inspect & Wizards.

uConn Dashboard Manager



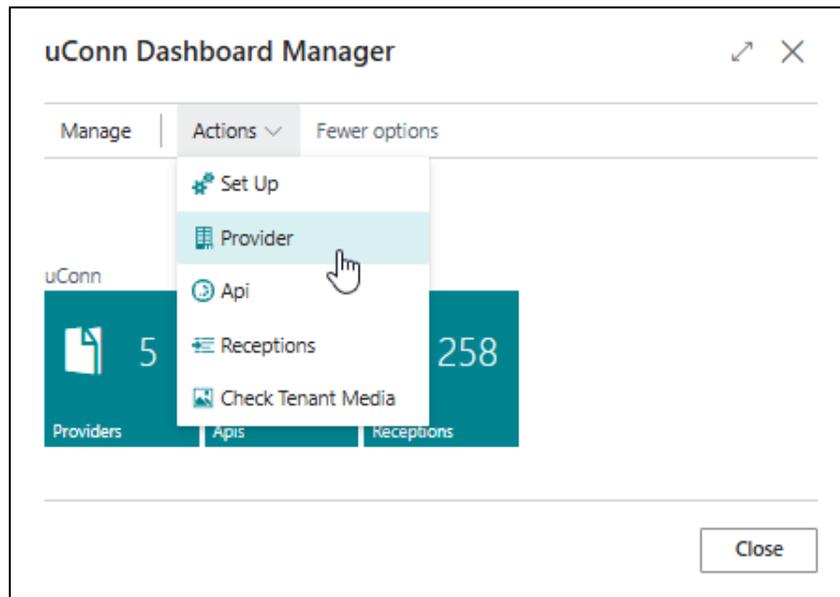
We will see three main **cues** corresponding to the data providers, their APIs, and the stored receptions together with their data.

From **Actions**, we can navigate through the previously mentioned **cues**, as well as to two additional options. The first one is **Set Up**, which is used to configure the default field type filter (BLOB, Media, MediaSet) when saving an imported image, for example from ChatGPT, into a Business Central table. The second one is **Check Tenant Media**, which provides a simple, read-only view of the contents of this standard table.

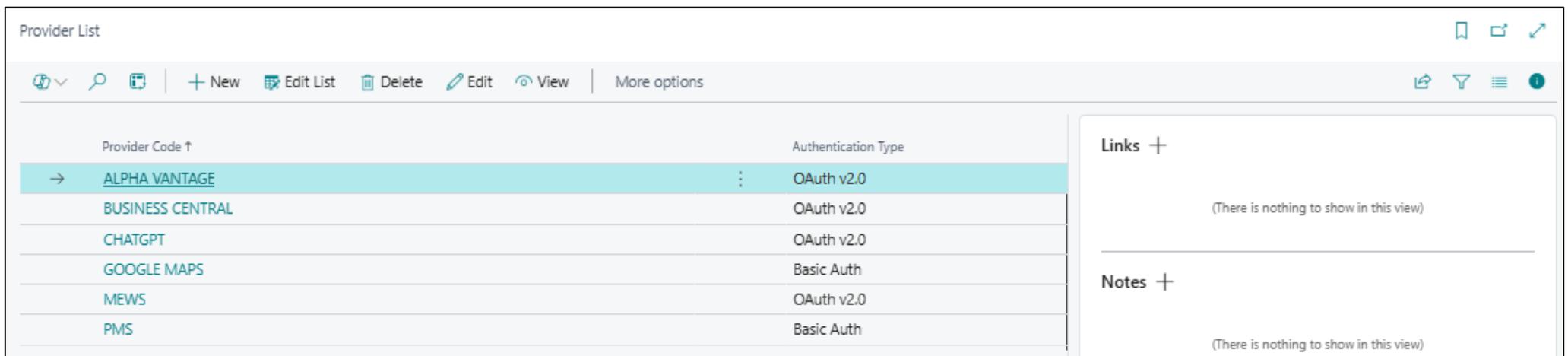


PROVIDERS

In Providers, by clicking on the cue or through Actions, we start configuring our connection:



A list of our providers will be displayed. By executing the **New** or **Edit** action, we are taken to the provider card page.



Here, we will access a couple of existing providers in order to explain the configuration to be created according to the nature of the connection, either OAuth or Basic authentication.

In this example, we create a connection with **ChatGPT** and enter the required values in the **General** section, such as the provider name, the authentication type, and the **Client Secret** of our account opened in the OpenAI API.

Other connections with different providers will require the configuration of additional fields. For example, if the connection is made with Business Central, the remaining blank fields must be configured. If the authentication type is **Basic Auth**, other fields not shown here, such as **User** and **Password**, will be required.

CHATGPT

General

Provider Code CHATGPT

Authentication Type OAuth v2.0

Receptions 91

OAuth

Tenant Guid (BC connections)

OAuth Client ID

OAuth Client Secret

OAuth Redirect URL

OAuth Scope

Get Access Token

Apis | [New Line](#) | [Delete Line](#) | [Get Data](#)

Api Code	Description	Method	Uri	Order ↑	Json label for Image.	Is Video	Image Respo...	Enabled	Receptions
→ CHATGPT5	AI Query	POST	https://api.openai.com/v1/chat/completions	10		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
IMAGE-1	New Image Gen Open AI	POST	https://api.openai.com/v1/images/generations	15	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1
VIDEOMAKE	Gen Video Demo	POST	https://api.openai.com/v1/videos	18		<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
VIDEOGET	Get the video created by VIDE...	GET	https://api.openai.com/v1/videos/video_695967f3d6d08191ab093d8c8c8b5c730b145e2a1403a7e9/content	19		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3
DALLE-3A64		POST	https://api.openai.com/v1/images/generations	20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	54
DALLE-3B64	AI Image stored in b64_json la...	POST	https://api.openai.com/v1/images/generations	30	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14

Parameters >

Body >

In the **APIs** section, we create our calls to the different APIs of the selected provider. **API Code** should contain a meaningful value related to the nature or function of the API, and in **Description** we can enter a brief text explaining its purpose.

The next two fields, **Method** and **URL**, define the basis of the API call itself to the provider. Together with the **Parameters** and/or **Body** section, they are responsible for supplying the data we request.

The **Order** field is simply used to sort the lines in this section according to our preferences.

Json label for Image: specifies the JSON label that may contain an image. It is used to store that image and to download it or save it into a Business Central table (see Receptions).

If the fields **Json label for Image** or **Image Response** are configured on the API line, the images can be displayed directly in the receptions list without any additional action.

The screenshot displays the 'Receptions List' interface. The main table lists API calls with columns for Provider Code, Api Code, Date, Time, Json label for Image, Is Video, Image Resp..., Proc..., and Track. The first row is highlighted, showing 'CHATGPT' as the provider and 'IMAGE-1' as the API code. A red arrow points from the 'b64_json' value in the 'Json label for Image' column to the 'Data Content' field in the details pane. The details pane shows a JSON object with a 'data' field containing a base64-encoded image. A second red arrow points from the 'data' field to a context menu that appears over the image, with options: 'Get Picture from Data Content', 'Export Media Set', 'Save in BC Table', and 'Delete Picture'. The 'Save in BC Table' option is highlighted by the mouse cursor. The background of the interface shows a blurred office scene with people working at computers.

Provider Code	Api Code	Date	Time	Json label for Image	Is Video	Image Resp...	Proc...	Track
→ CHATGPT	IMAGE-1	26/01/2026	13:02:41	b64_json				{a9014725-00f6-4c4...
PMS	IMPORT	25/01/2026	20:15:25					{e14ab785-4c79-47...
PMS	IMPORT	25/01/2026	20:11:41					{8c410ae1-4dce-40...
PMS	IMPORT	25/01/2026	20:09:12					{08b8614b-8624-42...
PMS	IMPORT	25/01/2026	20:06:14					{d004dc53-b6e8-49...
PMS	IMPORT	25/01/2026	20:04:00					{91d6513d-3435-4f...
PMS	IMPORT	25/01/2026	19:59:50					{14371623-85b3-43...
PMS	INVOICESII2	25/01/2026	19:58:40					{4a2c816b-445c-41...
PMS	INVOICESII2	25/01/2026	19:57:20					{c11dc8c3-31eb-43...

```
{ "created": 1769428959, "background": "transparent", "data": [ { "b64_json": "TVBORw0KgoAAAAANSuHEUgAABAAAAAQACAYAAAB/HSJDAA" } ], "output_format": "png", "quality": "high", "size": "1024x1024", "usage": { "input_tokens": 42, "input_tokens_details": { "image_tokens": 0, "text_tokens": 42 }, "output_tokens": 4160, "total_tokens": 4202 } }
```

- Get Picture from Data Content
- Export Media Set
- Save in BC Table
- Delete Picture

Is Video: indicates that the response will be a video.

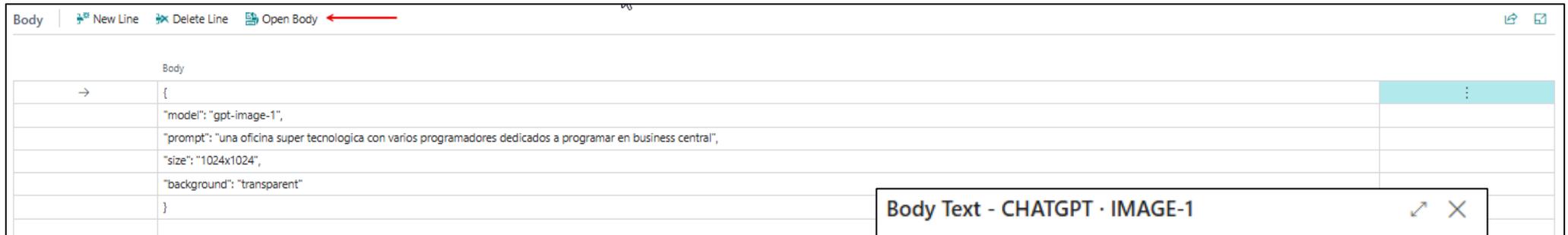
Image Response: indicates that the data reception contains only an image, for example a static Google Maps image.

Enabled: allows us to enable or disable the API call.

Receptions: allows us to see how many receptions are stored and to navigate to them.

Body section: in this section, we enter the JSON message that we want to send to our API.

For example, for the previous case:



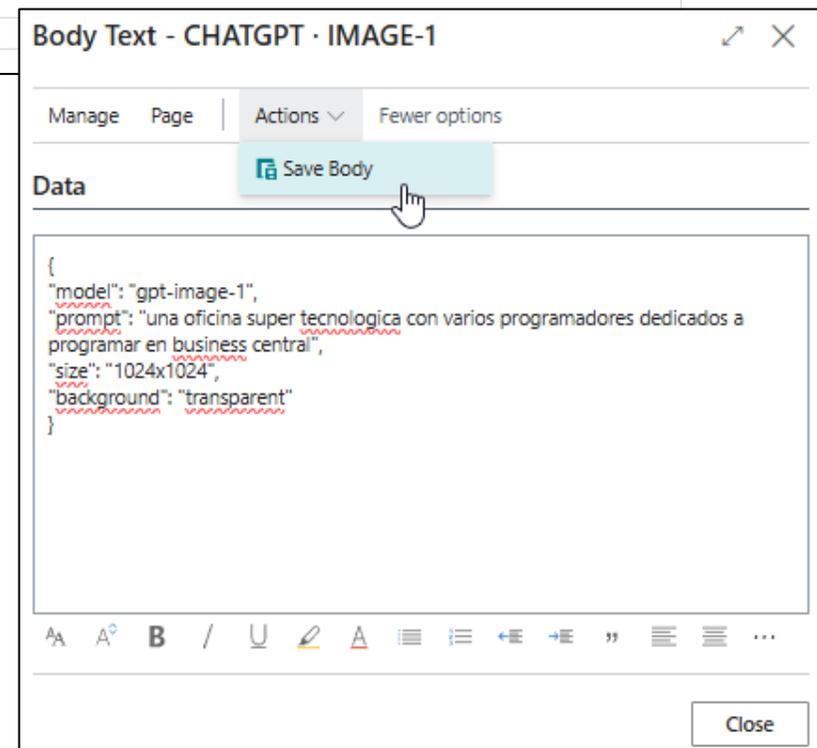
The screenshot shows a 'Body' editor window with a toolbar at the top containing 'New Line', 'Delete Line', and 'Open Body' buttons. A red arrow points to the 'Open Body' button. The main area displays a JSON object:

```
{
  "model": "gpt-image-1",
  "prompt": "una oficina super tecnologica con varios programadores dedicados a programar en business central",
  "size": "1024x1024",
  "background": "transparent"
}
```

In this body, we can edit the lines directly or execute the **Open Body** action which allows us to create, edit, delete, and copy or paste content with greater flexibility.

With the **Save Body** action, we save the lines within the Body section.

If we forget to save the changes, when closing the page we will be prompted again to confirm whether we want to save them.



The screenshot shows a dialog box titled 'Body Text - CHATGPT · IMAGE-1'. It has a toolbar with 'Manage', 'Page', 'Actions', and 'Fewer options'. The 'Data' section contains the same JSON object as the previous screenshot. The 'Save Body' button is highlighted with a mouse cursor. At the bottom right, there is a 'Close' button.

Parameters section

In this section, we create all the variable parameters required by the type of connection and the provider.

OE Template Base

GOOGLE MAPS

General

Provider Code: GOOGLE MAPS

Authentication Type: Basic Auth

Receptions: 41

Basic Auth

Url: []

User Basic Auth: []

Password/Api Key: []

Apis: New Line, Delete Line, Get Data

Api Code	Description	Method	Url	Order ↑	Json label for Image.	Is Video	Image Respo...	Enabled	Receptions
→ STATICMAP		POST	https://maps.googleapis.com/maps/api/staticmap?center=var1&zoom=var2&format=var3&size=var4&key=var5	0		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	41

Parameters: New Line, Delete Line

Parameter Name	Var	Parameter Value	Date Format	Order ↑	Enabled
→ center	var1	Mombasa	0	10	<input checked="" type="checkbox"/>
zoom	var2	8	0	20	<input checked="" type="checkbox"/>
format	var3	png;base64	0	30	<input checked="" type="checkbox"/>
size	var4	400x400	0	40	<input checked="" type="checkbox"/>
key	var5	[]	0	50	<input checked="" type="checkbox"/>

Note that in this example the authentication type has changed some fields in the **General** section, even though in this case they are unnecessary and remain blank.

In the lines of the **Parameters** section, we must enter the parameter name as specified by the provider. In the **Var** column, we enter an “invented” variable name. Then, in **Parameter Value**, we enter the value of that parameter.

This approach makes it easier to edit parameter values and allows other modules, such as **Import Planner**, to execute user requests or scheduled periodic requests from the Business Central job queue using their own values. The **URL** field in the **APIs** section must include the names of these variables.

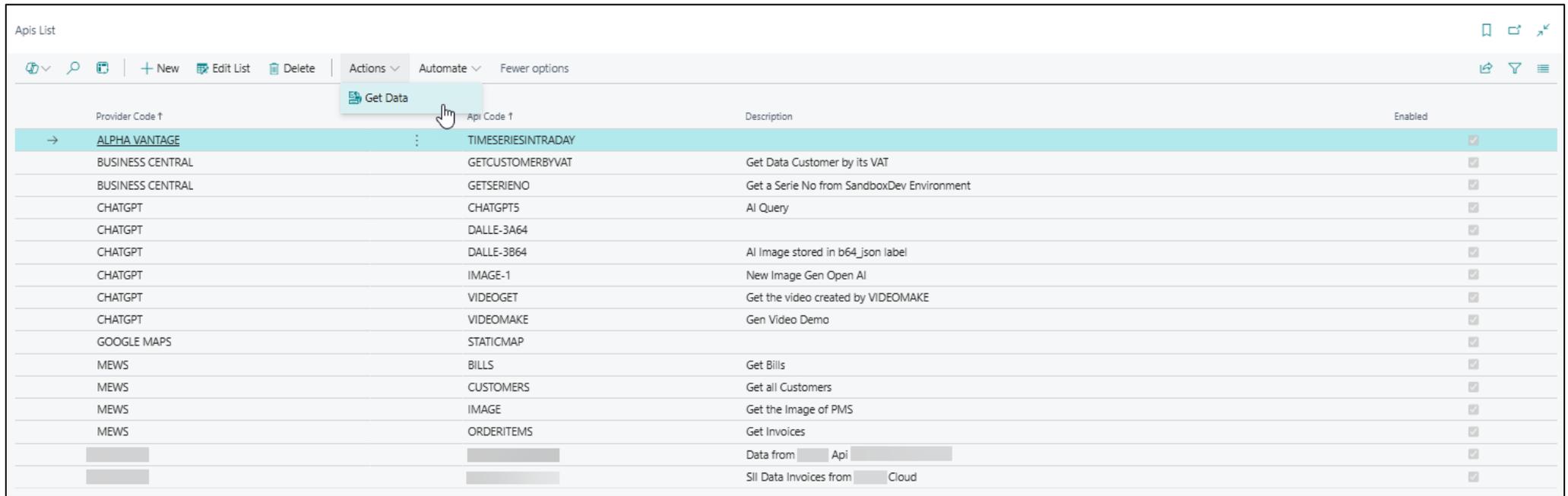
The **Get Data** action in the **APIs** section executes the configured call and creates a record in **Receptions** if it completes successfully.

The screenshot displays the 'GOOGLE MAPS - STATICMAP' interface. On the left, a table titled 'Receptions List' contains 25 rows of data. The columns are: Provider Code, Api Code, Date, Time, Json label for Image, Is Video, Image Response, Processed, and Track. The first row is highlighted in blue and has a red arrow pointing from its 'Image Response' column to the 'Data Content' field in the 'Details' panel on the right. The 'Data Content' field contains a long alphanumeric string: 'iVBORwOKGgoAAAANSUHEUgAAAAAAGQCMAAAAC3Ycb+AA'. Below the 'Data Content' field is an 'Image' section showing a map of a street intersection with several buildings labeled, including 'Darajani Hotel', 'Klub Savannah', and 'Stadium Holiday Inn'. The map data is dated 2026.

Provider Code	Api Code	Date	Time	Json label for Image	Is Video	Image Response	Processed	Track
GOOGLE MAPS	STATICMAP	05/01/2026	14:18:02		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{8bb6299e-8a41-45b0-8a76-75b25c074f10}
GOOGLE MAPS	STATICMAP	05/01/2026	14:17:04		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{ca739a64-54d4-470d-81f5-5cb31b18d652}
GOOGLE MAPS	STATICMAP	01/11/2025	11:27:51		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{8d23dd09-6b2d-4674-9a47-c0e3fcb4a0d8}
GOOGLE MAPS	STATICMAP	31/10/2025	20:29:19		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{005295bf-7581-477f-bb80-2208f77d9732}
GOOGLE MAPS	STATICMAP	31/10/2025	12:05:47		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{bfd5167f-5e0d-4bab-848c-d587db5645b6}
GOOGLE MAPS	STATICMAP	31/10/2025	11:45:29		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{f0cbfd17-6969-4e4b-867d-f30477ce3a4f}
GOOGLE MAPS	STATICMAP	31/10/2025	11:11:57		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{d942a5ed-d562-4391-bdb8-ca441633181f}
GOOGLE MAPS	STATICMAP	31/10/2025	11:11:42		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{d8610cca-b641-440b-9f82-e0906df7e9d1}
GOOGLE MAPS	STATICMAP	31/10/2025	11:11:32		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{d90a25e3-5d99-44e8-af5a-35c2203fbc53}
GOOGLE MAPS	STATICMAP	27/10/2025	19:42:50		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{f94ee0bb-ceae-421a-8aae-e40864de30c9}
GOOGLE MAPS	STATICMAP	27/10/2025	19:42:44		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{68f583f9-d4b3-4753-a64f-1bd8f0886203}
GOOGLE MAPS	STATICMAP	27/10/2025	19:42:35		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{1c5a0f58-7eab-4e6e-971e-7e366521761f}
GOOGLE MAPS	STATICMAP	27/10/2025	19:42:01		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{7e4fa9e9-5992-4d90-8b95-86429ee097d}
GOOGLE MAPS	STATICMAP	27/10/2025	19:38:53		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{6e2bf740-69c6-4adf-8664-12e2646e0e8f}
GOOGLE MAPS	STATICMAP	13/10/2025	2:48:43		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{55bcf2c1-e72a-4fc2-aa6b-f009bd021eb9}
GOOGLE MAPS	STATICMAP	10/10/2025	14:02:41		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{605fe458-c4e7-433b-b78c-7cace7ab0488}
GOOGLE MAPS	STATICMAP	10/10/2025	14:01:21		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{e081de7d-90dd-43c1-a9c1-9f25edfb9926}
GOOGLE MAPS	STATICMAP	10/10/2025	14:01:14		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{bcc1dbd4-689a-42ee-b0b9-eb3dad607a3c}
GOOGLE MAPS	STATICMAP	10/10/2025	14:00:44		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{00357933-a200-45fa-96ca-e45a87d28a6d}
GOOGLE MAPS	STATICMAP	10/10/2025	13:59:31		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{b101315d-dad2-4424-a6bc-759c3f8d091a}
GOOGLE MAPS	STATICMAP	10/10/2025	13:59:23		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{46722454-cd3c-49aa-b4d8-1948ccb3c19f}
GOOGLE MAPS	STATICMAP	10/10/2025	13:58:30		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{48fe9790-6fd6-4b4b-aa4c-38b20e66addd}
GOOGLE MAPS	STATICMAP	10/10/2025	13:54:45		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{703bd72c-368c-4d84-80a0-e9a6513e94ca}
GOOGLE MAPS	STATICMAP	10/10/2025	13:53:20		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{1c0ce7a5-fbb1-4cec-9acc-de363a88264f}
GOOGLE MAPS	STATICMAP	10/10/2025	13:52:39		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{606657ac-05a5-4af5-8798-4ba866a4c285}
GOOGLE MAPS	STATICMAP	10/10/2025	13:52:09		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{a835d3ea-ce6a-455a-9a0f-69d32d7045a6}
GOOGLE MAPS	STATICMAP	10/10/2025	13:51:43		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{40dd959c-d562-4587-bf51-44cb91cf99d2}
GOOGLE MAPS	STATICMAP	10/10/2025	13:51:34		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{05b2756a-5bce-4ed6-a591-04aff7285414}
GOOGLE MAPS	STATICMAP	10/10/2025	13:50:57		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{06c1d615-39f4-499f-8635-9bc7e7e47348}
GOOGLE MAPS	STATICMAP	10/10/2025	13:50:30		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{068704af-a6d4-48ec-97c3-0b8f508fb15}

APIS

This section simply displays a general list of existing APIs and provides the option to execute them directly, based on the parameters and/or body message that are currently configured.



The screenshot shows a web interface titled "Apis List". At the top, there is a navigation bar with icons for home, search, and a menu. Below this is a toolbar with buttons for "+ New", "Edit List", and "Delete". A dropdown menu is open, showing "Actions" and "Automate" options, with a "Get Data" button highlighted over the first row of the table. The table has four columns: "Provider Code 1", "Api Code 1", "Description", and "Enabled". The first row is highlighted in light blue and has a mouse cursor over the "Get Data" button. The "Enabled" column contains checkboxes, all of which are checked.

Provider Code 1	Api Code 1	Description	Enabled
ALPHA VANTAGE	TIMESERIESINTRADAY		<input checked="" type="checkbox"/>
BUSINESS CENTRAL	GETCUSTOMERBYVAT	Get Data Customer by its VAT	<input checked="" type="checkbox"/>
BUSINESS CENTRAL	GETSERIENO	Get a Serie No from SandboxDev Environment	<input checked="" type="checkbox"/>
CHATGPT	CHATGPT5	AI Query	<input checked="" type="checkbox"/>
CHATGPT	DALLE-3A64		<input checked="" type="checkbox"/>
CHATGPT	DALLE-3B64	AI Image stored in b64_json label	<input checked="" type="checkbox"/>
CHATGPT	IMAGE-1	New Image Gen Open AI	<input checked="" type="checkbox"/>
CHATGPT	VIDEOGET	Get the video created by VIDEOMAKE	<input checked="" type="checkbox"/>
CHATGPT	VIDEOMAKE	Gen Video Demo	<input checked="" type="checkbox"/>
GOOGLE MAPS	STATICMAP		<input checked="" type="checkbox"/>
MEWS	BILLS	Get Bills	<input checked="" type="checkbox"/>
MEWS	CUSTOMERS	Get all Customers	<input checked="" type="checkbox"/>
MEWS	IMAGE	Get the Image of PMS	<input checked="" type="checkbox"/>
MEWS	ORDERITEMS	Get Invoices	<input checked="" type="checkbox"/>
		Data from [redacted] Api [redacted]	<input checked="" type="checkbox"/>
		SII Data Invoices from [redacted] Cloud	<input checked="" type="checkbox"/>

RECEPTIONS

This section displays a list of all receptions performed so far.

From **Actions**, we can view the data as rich text using **Zoom Data** and save the data as a file on our computer using **Save File**.

Receptions List

Actions Automate Fewer options

Zoom Data Save File

Provider Code	Api Code			
CHATGPT	VIDEOMAKE			
CHATGPT	IMAGE-1	03/01/2026	19:20	
CHATGPT	VIDEOGET	03/01/2026	12:29	
CHATGPT	VIDEOMAKE	03/01/2026	12:27	
CHATGPT	VIDEOGET	03/01/2026	11:46	
CHATGPT	DALLE-3A64	15/12/2025	11:00	
CHATGPT	DALLE-3A64	13/12/2025	11:00	
→ CHATGPT	DALLE-3A64	08/12/2025	11:00	
CHATGPT	DALLE-3A64	06/12/2025	11:00	
CHATGPT	DALLE-3A64	03/12/2025	11:00	
CHATGPT	DALLE-3A64	01/12/2025	11:00	
CHATGPT	DALLE-3A64	29/11/2025	11:00	
CHATGPT	DALLE-3A64	26/11/2025	11:00	

Data - CHATGPT · DALLE-3A64 · 08/12/2025 · 11:00...

Manage Page

Data

```
{
  "created": 1765188019,
  "data": [
    {
      "b64_json":
        "iVBORwOKGgoAAAANSUHEUgAABAAAAAQACAIAAADwf7zUAAA3DmNhQJgAADcO;
        "revised_prompt": "Create an image of a single-seater vehicle that allows for
        interstellar travel and bears a certain resemblance to a motorcycle. This spacecraft
        should combine design elements from traditional motorcycles, such as a seating
        position similar to a bike, handlebars for control, and an aerodynamic profile, with
        elements common to science fiction spacefaring vessels, like thrusters, perhaps
        holographic instrument panels, and a sleek, futuristic aesthetic."
    }
  ]
}
```

Close

Details Attachments (0)

Data

Data Content

```
{ "created": 1765188019, "data": [ { "b64_json":
  "iVBORwOKGgoAAAANSUHEUgAABAAAAAQACAIAAADwf7zUAA;
  "revised_prompt": "Create an image of a single-seater
  vehicle that allows for interstellar travel and bears a
  certain resemblance to a motorcycle. This spacecraft
  should combine design elements from traditional
  motorcycles, such as a seating position similar to a
  bike, handlebars for control, and an aerodynamic
  profile, with elements common to science fiction
  spacefaring vessels, like thrusters, perhaps
  holographic instrument panels, and a sleek,
  futuristic aesthetic." ] ] }
```

Image

Single-seater laws for interstellar travel

Hours a certain of control

Seating position based on a bike

Holographic instrument panels

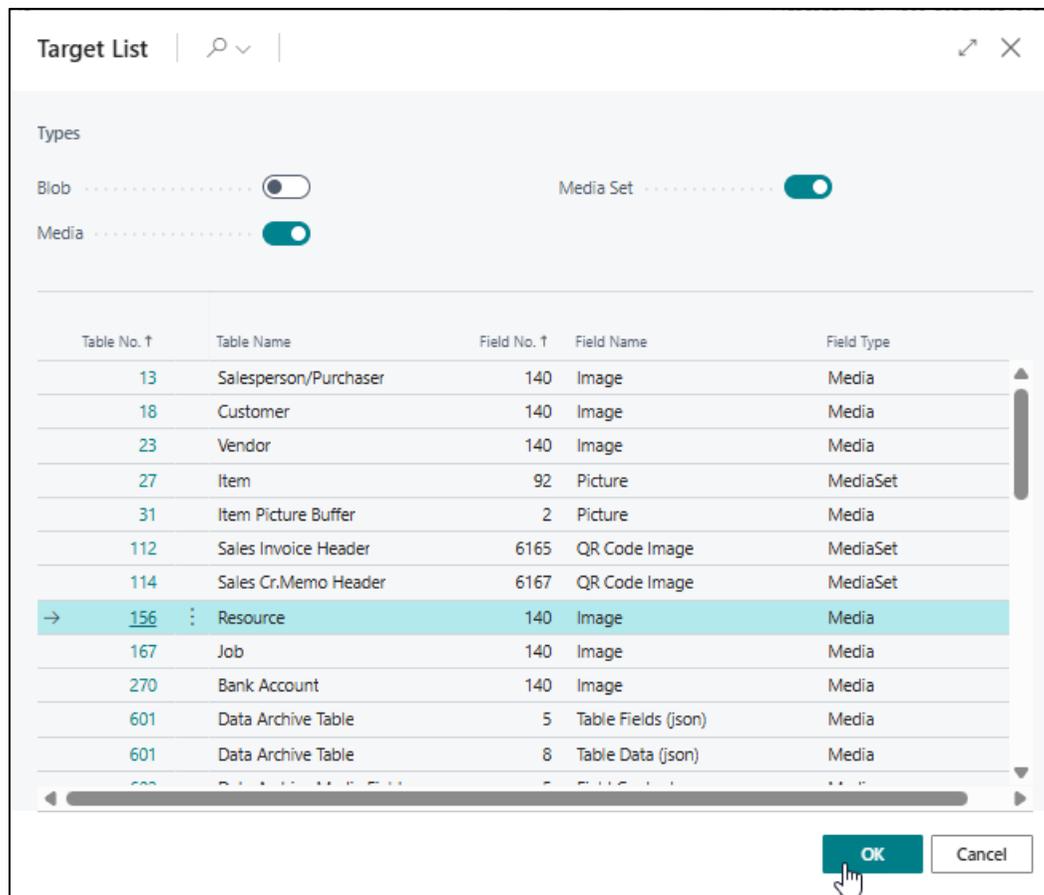
Holographic instrument panels

The page also includes two subpages (FactBoxes) on the right:

- **Data (Data Content):** displays the raw data and also provides the **Zoom Data** option.
- **Image:** if the data includes a downloaded image, it will be displayed in this panel.

The available actions are:

- **Get Picture from Data Content:** refreshes the image viewer using the data contained in the upper panel (**Data**).
 - **Export Media Set:** downloads the image or video to our computer.
 - **Save in BC Table:** saves the image or video into a field of a table of our choice.
 - **Delete Picture:** removes the image from the viewer, but not from the data, so it can be recovered using the first action (**Get Picture from Data Content**).
- When executing the **Save in BC Table** action, the following page is displayed, where we first select the destination table and field.



If we confirm, we will be taken to the record card.

Resource Card - MOTORBIKE4PIZZAS · Turbo Motorbike

Manage [Home](#) Resource Report Page | More options

Create Time Sheets...

General

Show more

No. MOTORBIKE4PIZZAS ...

Name Turbo Motorbike

Type Machine

Base Unit of Measure KM

Search Name TURBO MOTORBIKE

Resource Group No.

Blocked

Last Date Modified 05/01/2026

Use Time Sheet

Time Sheet Owner User ID

Details

Attachments (0)

Resource Picture

Single-wester laws for interstellar travel

Buses a section of control

Seating pincer facial te o a hite

Bridges cosmocrite pottle hysgralic astrorapide

Revisas holographic intermax papalis

And the **Motorcycle** resource will now be ready for interplanetary pizza delivery.

In the unlikely event that a video has been generated, it can be viewed using the **Download – View Video** action in the **Image** panel. This action is only available if the **Is Video** column is enabled.

The screenshot shows a 'Receptions List' interface with a table of data and a right-hand panel. The table has columns: Provider Code, Api Code, Date, Time, Json label for Image., Is Video, Image Response, Processed, and Track. The row for 'CHATGPT' with 'VIDEOGET' is highlighted. The right-hand panel shows 'Details' and 'Attachments (0)'. The 'Data' section contains a 'Data Content' field with a long alphanumeric string. The 'Image' section has a context menu open with options: 'Get Picture from Data Content', 'Export Media Set', 'Save in BC Table', 'Delete Picture', and 'Download - View Video'. A text box in the bottom right corner states: 'No preview available for media content type application/octet-stream.'

Provider Code	Api Code	Date ↓	Time ↓	Json label for Image.	Is Video	Image Response	Processed	Track
MEWS	BILLS	04/01/2026	0:37:21		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f8a41b7b-92fd-4198-9256-da179263a4bb}
MEWS	BILLS	04/01/2026	0:34:00		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{5ede5838-e5fc-45cf-bc63-bf9267a01096}
MEWS	BILLS	04/01/2026	0:30:24		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{7de401e1-940c-4574-9e36-057c0f9af48c}
CHATGPT	CHATGPTS	03/01/2026	22:59:00		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{3c34ef2f-01fa-42d6-89ad-b1083055be0d}
→ CHATGPT	VIDEOGET	03/01/2026	20:06:22		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{7088a4f6-4914-48ab-8121-0f3bd65964e3}
CHATGPT	VIDEOMAKE	03/01/2026	20:03:16		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{a05a8676-b6fc-48cc-bd80-6cdef948e1bb}
CHATGPT	IMAGE-1	03/01/2026	19:20:37	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{93152062-63af-43cb-aef6-f940e86b29a3}
CHATGPT	VIDEOGET	03/01/2026	12:29:06		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{67d48768-5fd9-4d60-9087-51ce7403e0af}
CHATGPT	VIDEOMAKE	03/01/2026	12:27:52		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{3be8ba6f-86bc-490b-abff-0f6ca7fa5fa4}
CHATGPT	VIDEOGET	03/01/2026	11:46:40		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{4e5e5b3f-f284-4509-a03d-ffa84c4dac36}
CHATGPT	DALLE-3A64	15/12/2025	11:00:25	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{03b819a9-0263-479c-8831-9854a3c48833}
CHATGPT	DALLE-3A64	13/12/2025	11:00:22	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{da5906e8-4134-47b8-9c8c-b29af1ba2cf8}
CHATGPT	DALLE-3A64	08/12/2025	11:00:20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{c17f079e-d836-4b0d-b38d-7498ff8369c6}
CHATGPT	DALLE-3A64	06/12/2025	11:00:23	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f6fe2b55-bbeb-43e9-89d4-b8bb7656711f}
CHATGPT	DALLE-3A64	03/12/2025	11:00:22	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{75552319-1fdf-46ea-8fc8-bffe9d8391ac}
CHATGPT	DALLE-3A64	01/12/2025	11:00:20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f41a21e5-6dec-49c3-80e8-f9b0004553a}
CHATGPT	DALLE-3A64	29/11/2025	11:00:20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{a778aa78-75f1-42de-abd0-0b0000000000}
CHATGPT	DALLE-3A64	26/11/2025	11:00:21	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f366064b-6790-4010-b748-f65000000000}
								{7ece4389-d833-437b-8965-f20000000000}
								{457c8db2-6f68-44df-b4a7-50f000000000}
								{406735fe-cbb4-4d04-b0b8-ab0000000000}
								{a81d4645-d341-4364-bb1c-fe0000000000}
								{470b0161-d828-4034-8582-f471206d3da3}
								{484d9760-8c2d-48b7-9da6-ac7e6d18a127}
								{817ad485-5df8-4772-b4c5-fdf3d9a3b620}

Normally, when we click on the browser download icon, the default video player of our operating system will open automatically.

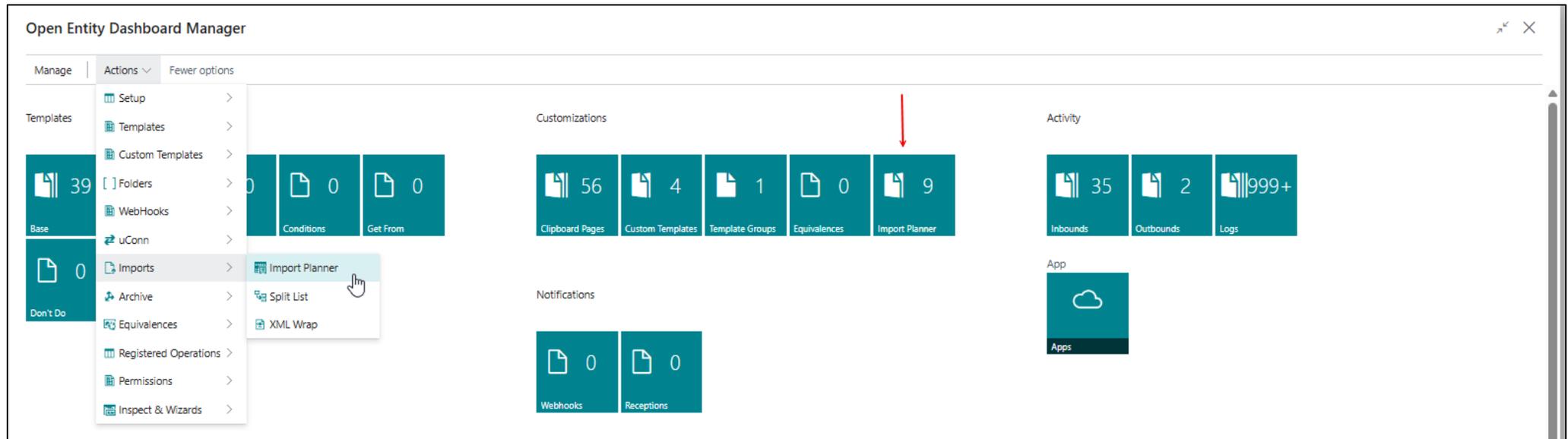
The screenshot shows a web application interface with a table of data and a video player overlay. The table has columns for Provider Code, Api Code, Date, Time, Json label for Image, Is Video, Image Response, Processed, and Track. The video player overlay is titled "Reproductor multimedia" and shows a video of a robot. A red arrow points from the video player to the download icon in the top right corner of the application.

Provider Code	Api Code	Date ↓	Time ↓	Json label for Image.	Is Video	Image Response	Processed	Track
MEWS	BILLS	04/01/2026	0:37:21		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f8a41b7b-92fd-4198-9256-da179263a4bb}
MEWS	BILLS	04/01/2026	0:34:00		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{5ede5838-e5fc-45cf-bc63-bf9267a01096}
MEWS	BILLS	04/01/2026	0:30:24		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{7de401e1-940c-4574-9e36-057c0f9af48c}
CHATGPT	CHATGPT5	03/01/2026	22:59:00		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{3...}
→ CHATGPT	VIDEOGET	03/01/2026	20:06:22		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{7...}
CHATGPT	VIDEOMAKE	03/01/2026	20:03:16		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{8...}
CHATGPT	IMAGE-1	03/01/2026	19:20:37	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{9...}
CHATGPT	VIDEOGET	03/01/2026	12:29:06		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{6...}
CHATGPT	VIDEOMAKE	03/01/2026	12:27:52		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{3...}
CHATGPT	VIDEOGET	03/01/2026	11:46:40		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	{4...}
CHATGPT	DALLE-3A64	15/12/2025	11:00:25	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{0...}
CHATGPT	DALLE-3A64	13/12/2025	11:00:22	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{c...}
CHATGPT	DALLE-3A64	08/12/2025	11:00:20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{c...}
CHATGPT	DALLE-3A64	06/12/2025	11:00:23	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f...}
CHATGPT	DALLE-3A64	03/12/2025	11:00:22	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{7...}
CHATGPT	DALLE-3A64	01/12/2025	11:00:20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f...}
CHATGPT	DALLE-3A64	29/11/2025	11:00:20	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{a...}
CHATGPT	DALLE-3A64	26/11/2025	11:00:21	b64_json	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	{f...}

IMPORT PLANNER

With **Import Planner**, we can create a set of imports that can be executed either periodically or on demand by users from their utilities list in the **Open Entity** dashboard.

We can access this module from **Actions > Import > Import Planner** or from the corresponding **cue** on the page.



The Import Planner page is displayed with the following fields:

- **Code:** enter a code of your choice.
- **Provider:** select one of the configured uConn providers.
- **API:** the API of the previously selected provider with which we want to interact.
- **Description:** a brief description of what the API does, for example.
- **Close (Launcher):** tells the import launcher to automatically close once its action has been completed.
- **Order:** simply sorts the planner lines according to our preference.
- **Type:** the type of template(s) that will import the data. It can be **Split** (multiple templates) or **Base** (a single template).
- **Enabled:** enables or disables the import.
- **Receptions:** the number of imports performed by the API. We can navigate to their data (uConn Reception List) by clicking on its value.

Dynamics 365 Business Central

Environment: OpenEntity_Demo

OE Import Planner

Get Data Get Parameters from uConn Get Body from uConn Make Template uConn Test Launcher

Code	Provider	Api	Description	Close (Launcher)	Order ↑	Type	Import Template	Enabled	Receptions
DATAHOTEL	PMS	IMPORT	Data from PMS Api Accounting	<input checked="" type="checkbox"/>	10	Split	PMSTEST	<input checked="" type="checkbox"/>	0
HOTELSII	PMS	INVOICESII2	Get the SII Data of the Hotel Invoices	<input checked="" type="checkbox"/>	20	Base	PMSSII	<input checked="" type="checkbox"/>	3
CHATGPT			Ask something to ChatGpt 4	<input type="checkbox"/>	30	Base	JJJ	<input type="checkbox"/>	1
DALLE-3-A			Get a AI Image based on the prompt	<input type="checkbox"/>	40	Base	DALLETESTMKTEMP	<input type="checkbox"/>	54
DALLE-3-B			Get my prompted image	<input type="checkbox"/>	50	Base	DALLETESTMKTEMP	<input type="checkbox"/>	14
GOOGLESTATIC			Get a map picture	<input type="checkbox"/>	60	Base		<input type="checkbox"/>	43
MEWSBILL			Get the Bills	<input checked="" type="checkbox"/>	70	Base	MEWSBILL	<input checked="" type="checkbox"/>	5

Parameters

Parameter Name	Parameter Value	Formula	Date Format	Order ↑	Name for Launcher	Launcher	Mandatory (Launcher)	Enabled
from		today;-1D	9	10	From Date	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
to		today;-1D	9	20	To Date	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Body

Body	Order ↑	Name for Launcher	Launcher	Mandatory (Launcher)
	0		<input type="checkbox"/>	<input type="checkbox"/>

javascript;

The remaining sections are identical to those of the **uConn** module. Data can be entered manually or by executing the actions in the top bar, **Get Parameters from uConn** and/or **Get Body from uConn**. These two actions copy the parameter lines and the body of the API respectively from uConn to the planning line, saving us some work.

The **Parameters** section is almost the same as in uConn, although the **Formula** column has been added to allow date calculations. It is related to the **Date Format** column, which formats the date and sends it to the API using the selected format. For example, '9' → '2026-01-31'.

Parameter Value: entry of a fixed value. The **Formula** field is cleared if any value is entered.

Order: allows us to sort the parameter lines according to our preference.

Next, there are three fields related to the **Import Launcher**:

- **Name for Launcher**: field label that will appear in the Launcher.
- **Launcher**: indicates that this parameter must appear in the Launcher.
- **Mandatory (Launcher)**: indicates that if this field is not filled in the Launcher, execution will not be allowed.

Finally:

- **Enabled**: enables or disables whether the parameter line is taken into account when the API call is executed.

Body section

Also similar to uConn.

- **Body**: we enter our JSON text.
- **Order**: we sort the body lines according to our preference.

The fields **Name for Launcher**, **Launcher**, and **Mandatory (Launcher)** are identical to those in the **Parameters** section.

With the **Test Launcher** action, we can test the launcher. If parameters and/or the body have been configured to be modifiable from it, we can change their values in the **Launcher** column.

OE Import Planner ✓ Saved  




+ New
Edit List
Delete
Get Data
Get Parameters from uConn
Get Body from uConn
Make Template
uConn
Test Launcher
More options   

Code	Provider	Api	Description	Close (Launcher)	Order ↑	Type	Import Template	Enabled	Receptions
→ IMAGELOGISTIC	⋮ CHATGPT	IMAGE-1	Logistic Company	<input type="checkbox"/>	0	Base		<input checked="" type="checkbox"/>	2
DATAHOTEL	PMS	IMPORT	Data from PMS Api Accounting	<input checked="" type="checkbox"/>	10	Split	PMSTEST	<input checked="" type="checkbox"/>	0
HOTELSII	PMS	INVOICESII2	Get the SII Data of the Hotel Invoices	<input checked="" type="checkbox"/>	20	Base	PMSSII	<input checked="" type="checkbox"/>	3
CHATGPT	CHATGPT	CHATGPT5	Ask something to ChatGpt 4	<input type="checkbox"/>	30	Base	JJJ	<input type="checkbox"/>	1
DALLE-3-A	CHATGPT	DALLE-3A64	Get a AI Image based on the prompt	<input type="checkbox"/>	40	Base	DALLETESTMKTEMP	<input checked="" type="checkbox"/>	55
DALLE-3-B	CHATGPT	DALLE-3B64	Get my prompted image	<input type="checkbox"/>	50	Base	DALLETESTMKTEMP	<input type="checkbox"/>	14
GOOGLESTATIC	GOOGLE MAPS	STATICMAP	Get a map picture	<input type="checkbox"/>	60	Base		<input type="checkbox"/>	43
MEWSBILL	MEWS	BILLS	Get the Bills	<input checked="" type="checkbox"/>	70	Base	MEWSBILL	<input checked="" type="checkbox"/>	5
MEWSINVOICE	MEWS	ORDERITEMS	Get the Invoices	<input type="checkbox"/>	80	Base	MEWSINVOICE	<input checked="" type="checkbox"/>	2
MEWSCUSTOMERS	MEWS	CUSTOMERS	Get the Customers	<input type="checkbox"/>	90	Base	MEWSCUSTOMERS	<input type="checkbox"/>	3

Parameters >

Body  New Line  Delete Line  Open Body 

Body	Order ↑	Name for Launcher	Launcher	Mandatory (Launcher)
{	0		<input type="checkbox"/>	<input type="checkbox"/>
"model": "gpt-image-1",	0		<input type="checkbox"/>	<input type="checkbox"/>
→ "prompt": "una oficina super tecnologica con varios programadores dedicados a programar en busin... ⋮	0	Prompt ->	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
"size": "1024x1024",	0		<input type="checkbox"/>	<input type="checkbox"/>
"background": "transparent"	0		<input type="checkbox"/>	<input type="checkbox"/>
}	0		<input type="checkbox"/>	<input type="checkbox"/>

If the **Close (Launcher)** option on the import line is enabled, the Launcher will close after executing the **Launch** action. Otherwise, it will remain open.

Keeping the Launcher open is very useful, for example, when an image is being generated and we want to review it before it is imported or saved (dropdown menu in the **Image** panel). It also gives us the option to request a new one with a new **launch**.

Executing **Test Launcher** to generate an image:

OE Import Planner ✓ Saved  




+ New
 Edit List
 Delete
 Get Data
 Get Parameters from uConn
 Get Body from uConn
 Make Template
 uConn
 Test Launcher
More options   

Code	Provider	Api	Description	Close (Launcher)	Order ↑	Type	Import Template	Enabled	Receptions
→ IMAGELOGISTIC	CHATGPT	IMAGE-1	Logistic Company	<input type="checkbox"/>	0	Base		<input checked="" type="checkbox"/>	2
DATAHOTEL	PMS	IMPORT	Data from PMS Api Accounting	<input checked="" type="checkbox"/>	10	Split	PMSTEST	<input checked="" type="checkbox"/>	0
HOTELSII	PMS	INVOICESII2	Get the SII Data of the Hotel Invoices	<input checked="" type="checkbox"/>	20	Base	PMSSII	<input checked="" type="checkbox"/>	3
CHATGPT	CHATGPT	CHATGPT5	Ask something to ChatGpt 4	<input type="checkbox"/>	30	Base	JJJ	<input type="checkbox"/>	1
DALLE-3-A	CHATGPT	DALLE-3A64	Get a AI Image based on the prompt	<input type="checkbox"/>	40	Base	DALLETSTMKTEMP	<input checked="" type="checkbox"/>	55
DALLE-3-B	CHATGPT	DALLE-3B64	Get my prompted image	<input type="checkbox"/>	50	Base	DALLETSTMKTEMP	<input type="checkbox"/>	14
GOOGLESTATIC	GOOGLE MAPS	STATICMAP	Get a map picture	<input type="checkbox"/>	60	Base		<input type="checkbox"/>	43
MEWSBILL	MEWS	BILLS	Get the Bills	<input checked="" type="checkbox"/>	70	Base	MEWSBILL	<input checked="" type="checkbox"/>	5
MEWSINVOICE	MEWS	ORDERITEMS	Get the Invoices	<input type="checkbox"/>	80	Base	MEWSINVOICE	<input checked="" type="checkbox"/>	2
MEWSCUSTOMERS	MEWS	CUSTOMERS	Get the Customers	<input type="checkbox"/>	90	Base	MEWSCUSTOMERS	<input type="checkbox"/>	3

Parameters >

Body  New Line  Delete Line  Open Body 

Body	Order ↑	Name for Launcher	Launcher	Mandatory (Launcher)
{	0		<input type="checkbox"/>	<input type="checkbox"/>
"model": "gpt-image-1",	0		<input type="checkbox"/>	<input type="checkbox"/>
→ "prompt": "una oficina super tecnologica con varios programadores dedicados a programar en busin..."	0	Prompt ->	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
"size": "1024x1024",	0		<input type="checkbox"/>	<input type="checkbox"/>
"background": "transparent"	0		<input type="checkbox"/>	<input type="checkbox"/>
}	0		<input type="checkbox"/>	<input type="checkbox"/>

OE Import Launcher

Edit List Launch

Template

Code IMAGELOGISTIC Description Logistic Company

OE Parameters-Body | Open Body

Name	Value	Type	Mandat... (Launch...)
→ Prompt ->	:	Body	<input checked="" type="checkbox"/>

Body Launcher

Manage

Data

a logistics company with vehicles and operators

OE Import Launcher

Notifications: 2 *The Get Data was successful! | The action was executed correctly!*

Edit List Launch

Template

Code IMAGELOGISTIC Description Logistic Company

OE Parameters-Body | Open Body

Name	Value	Type	Mandatory (Launcher)
→ Prompt ->	:	a logistics company with vehicles and operators	<input checked="" type="checkbox"/>

Data Content

```
{ "created": 1768352559, "background": "transparent", "data": [ { "b64_json": "TVBORwOKGgoAAAAANSUhEUgAABAAAAAQAC" } ], "output_format": "png", "quality": "high", "size": "1024x1024", "usage": { "input_tokens": 13, "input_tokens_details": { "image_tokens": 0, "text_tokens": 13 }, "output_tokens": 4160, "total_tokens": 4173 } }
```

Image

- Get Picture from Data Content
- Export Media Set
- Save in BC Table
- Delete Picture



Close

Launcher with parameters (SII data):

The screenshot shows the 'OE Import Launcher' interface. At the top, there is a notification bar: 'Notifications: 2 The Get Data was successful! | The action was executed correctly!'. Below this are 'Edit List' and 'Launch' buttons. The main area is divided into 'Template' and 'Data' sections. The 'Template' section includes fields for 'Code' (HOTELSII) and 'Description' (Get the SII Data of the Hotel Invoic...). Below this is the 'OE Parameters-Body' section with an 'Open Body' button and a table:

Name	Value
From Date	2026-01-01
→ To Date	2026-01-01

A 'Zoom Data' tooltip is visible over the 'Data' section. The 'Data' section shows a list of data items, with one item expanded to show its full JSON structure:

```
[ { "id": 14647, "centro": [REDACTED], "procesada": null, "ftraspaso": "2026-01-09", "nombre": [REDACTED], "nif": [REDACTED], "tipocomuni": "A0", "ejercicio": "2026", "periodo": "01", "nifEmisor": [REDACTED], "numfactura": "748070", "numfactur": "748089", "fexpedi": "2026-01-01", "tipofac": "F4", "tiporect": null, "baserect": null, "cuotarect": null, "cuotarere": null, "foperacio": "2026-01-01", "clavereg": "01", "clave1": null, "clave2": null, "numregacu": null, "imptotal": 876.750000, "basecoste": null, "impTras": null, "terceros": null, "variosDes": null, "cupon": null, "idnif": [REDACTED], "XXX": [REDACTED], "idNombre": "CONTADOS TPV", "idPais": "ES", "idType": "00", "tipodesglo": "F", "suFBase": 0.000000, "suFCausa": null }
```

The 'Data - PMS · INVOICESII2 · 09/01/2026 · 2:35:38,9...' window is open, showing the same JSON data structure in a scrollable view with a 'Close' button at the bottom right.

If both types are present, parameters and body, the fields will be combined in the Launcher, starting with the **Parameter** type and followed by the **Body** fields.

Once the Launcher has been executed, regardless of whether it is closed automatically or manually, if there is a template specified in the **Import Template** column and the **Enabled** column is activated, the data will be processed using either the base template or the set of **Split** templates that have been configured, depending on the defined **Type**.

The **Get Data** action on the **Import Planner** page executes the call according to its current configuration and imports the data if an import template has been configured. The data is always stored in the **uConn Receptions List**, and the **Receptions** column reflects the number of receptions for each API.

The **uConn** action simply opens the **uConn Dashboard Manager** directly, without the need to go back to the Open Entity dashboard to navigate to it.

Finally, the **Make Template** action automatically creates an import template using the data received from the API. The received data is always stored in the **Open Entity application inbox** after the template has been created.

OE Import Planner

+ New Edit List Delete **Get Data** Get Parameters from uConn Get Body from uConn **Make Template** **uConn** Test Launcher More options

Code	Provider	Api	Description	Close (Lau...	Order ↑	Type	Import Template	Ena...	Receptions
IMAGELOGI...	CHATGPT	IMAGE-1	Logistic Company	<input type="checkbox"/>	0	Base		<input checked="" type="checkbox"/>	3
DATAHOTEL	PMS	IMPORT	Data from PMS Api Accounting	<input checked="" type="checkbox"/>	10	Split	PMSTEST	<input checked="" type="checkbox"/>	0
HOTELSII	PMS	INVOICESII2	Get the SII Data of the Hotel In...	<input type="checkbox"/>	20	Base	PMSSII	<input checked="" type="checkbox"/>	6
CHATGPT	CHATGPT	CHATGPT5	Ask something to ChatGpt 4	<input type="checkbox"/>	30	Base	JJJ	<input type="checkbox"/>	1
DALLE-3-A	CHATGPT	DALLE-3A64	Get a AI Image based on the p...	<input type="checkbox"/>	40	Base	DALLETESTM...	<input checked="" type="checkbox"/>	55
DALLE-3-B	CHATGPT	DALLE-3B64	Get my prompted image	<input type="checkbox"/>	50	Base	DALLETESTM...	<input type="checkbox"/>	14
GOOGLEST...	GOOGLE MAPS	STATICMAP	Get a map picture	<input type="checkbox"/>	60	Base		<input type="checkbox"/>	43
MEWSBILL	MEWS	BILLS	Get the Bills	<input checked="" type="checkbox"/>	70	Base	MEWSBILL	<input checked="" type="checkbox"/>	5
→ MEWSINV...	MEWS	ORDERITEMS	Get the Invoices	<input type="checkbox"/>	80	Base	MEWSINVOICE	<input checked="" type="checkbox"/>	2
MEWSCUST...	MEWS	CUSTOMERS	Get the Customers	<input type="checkbox"/>	90	Base	MEWSCUSTO...	<input type="checkbox"/>	3

MAKE TEMPLATE (Imports)

The **Make Template** action first performs an API call, in the same way as **Get Data**. Once the information or data is received, it analyzes it and creates the required structure, saving it as an import template.

Template Types

- **Base:** consists of a single template for the received data.
- **Split:** the information structure is so complex that we decide to section or divide it into multiple templates.

In some cases, APIs include all the information in a single payload, which makes it very difficult to manage. For example, APIs that include customers, vendors, invoicing, payments, credits, and similar data in a single data package.

With the **Split** type, a template is created for each section of the data, one template for customers, another for vendors, and so on. When the data is imported, **Open Entity** redirects each block of information to its corresponding template.

MAKE TEMPLATE (BASE)

For a template configured as **Base** type and with the correct connection data, click **Make Template**.

The screenshot shows the OE Import Planner interface. At the top, there is a toolbar with various icons and buttons, including 'Make Template' which is highlighted with a red arrow. Below the toolbar is a table with columns: Code, Provider, Api, Description, Close (Launcher), Order ↑, Type, Import Template, Enabled, and Receptions. The 'MEWSINVOICE' row is highlighted with a red box, and its 'Import Template' cell is also highlighted with a red box. Below the table is a 'Parameters >' section and a 'Body' section with a 'New Line' button. An 'OE Archive Dialog' modal is open in the foreground, showing a text input field with 'NEWMEMSINVOICE' and 'OK' and 'Cancel' buttons.

Code	Provider	Api	Description	Close (Launcher)	Order ↑	Type	Import Template	Enabled	Receptions
IMAGELOGISTIC	CHATGPT	IMAGE-1	Logistic Company	<input type="checkbox"/>	0	Base		<input checked="" type="checkbox"/>	3
DATAHOTEL	PMS	IMPORT	Data from PMS Api Accounting	<input checked="" type="checkbox"/>	10	Split	PMSTEST	<input checked="" type="checkbox"/>	0
HOTELSII	PMS	INVOICESII2	Get the SII Data of the Hotel Invoices	<input type="checkbox"/>	20	Base	PMSII	<input checked="" type="checkbox"/>	6
CHATGPT	CHATGPT	CHATGPT5	Ask something to ChatGpt 4	<input type="checkbox"/>	30	Base	JJJ	<input type="checkbox"/>	1
DALLE-3-A	CHATGPT	DALLE-3A64	Get a AI Image based on the prompt	<input type="checkbox"/>	40	Base	DALLETESTMKTEMP	<input checked="" type="checkbox"/>	55
DALLE-3-B	CHATGPT	DALLE-3B64	Get my prompted image	<input type="checkbox"/>	50	Base	DALLETESTMKTEMP	<input type="checkbox"/>	14
GOOGLESTATIC	GOOGLE MAPS	STATICMAP	Get a map picture	<input type="checkbox"/>	60	Base		<input type="checkbox"/>	43
MEWSBILL	MEWS	BILLS	Get the Bills	<input checked="" type="checkbox"/>	70	Base	MEWSBILL	<input checked="" type="checkbox"/>	5
→ MEWSINVOICE	MEWS	ORDERITEMS	Get the Invoices	<input type="checkbox"/>	80	Base		<input checked="" type="checkbox"/>	2
MEWSCUSTOMERS	MEWS	CUSTOMERS	Get the Customers	<input type="checkbox"/>	90	Base	MEWSCUSTOMERS	<input type="checkbox"/>	3

Parameters >

Body

Body	Order ↑	Name for Launcher	Launcher	Mandatory (Launcher)
→ {	0		<input type="checkbox"/>	<input type="checkbox"/>
"ClientToken": "E0D439EE522F44368DC78E1BFB03710C-D24FB11DBE31D4621C4817E028D9E1D",	0		<input type="checkbox"/>	<input type="checkbox"/>
"AccessToken": "C66EF7B239D24632943D115EDE9CB810-EA00F8FD8294692C940F6B5A8F9453D",	0		<input type="checkbox"/>	<input type="checkbox"/>
"Client": "Nomadaware-BC-Connector/1.0",			<input type="checkbox"/>	<input type="checkbox"/>
"CreatedUtc": {			<input type="checkbox"/>	<input type="checkbox"/>
"StartUtc": "2023-03-01T00:00:00Z",			<input type="checkbox"/>	<input type="checkbox"/>
"EndUtc": "2023-03-31T00:00:00Z"			<input type="checkbox"/>	<input type="checkbox"/>
},			<input type="checkbox"/>	<input type="checkbox"/>
"AccountingStates": [<input type="checkbox"/>	<input type="checkbox"/>
"Closed"			<input type="checkbox"/>	<input type="checkbox"/>
],			<input type="checkbox"/>	<input type="checkbox"/>

OE Archive Dialog

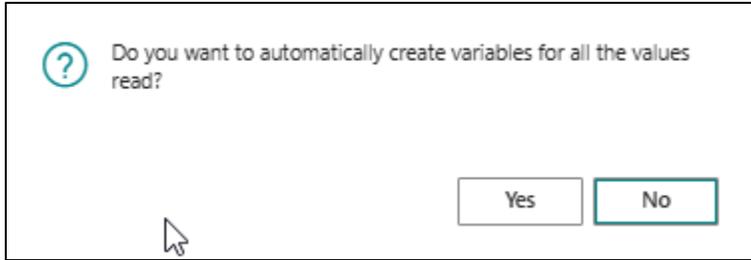
New Template Code NEWMEMSINVOICE

OK Cancel

We will be prompted to enter a new template name. If we enter a code that already exists, we will be notified and the action will be cancelled.

It also does not matter if there is already an import template specified in the **Import Template** column. It will be kept as the base template, and the column value will be replaced with the new code.

After entering the new code, we will be asked whether we want to automatically create the variables for its fields (read data).



After this, it will attempt to connect to the API and read its data, and then complete the creation of the import structure.

Code	Provider	Api	Description	(Launcher)	Order ↑	Type	Import Template	Enabled	Receptions
IMAGELOGISTIC	CHATGPT	IMAGE-1	Logistic Company	<input type="checkbox"/>	0	Base		<input checked="" type="checkbox"/>	3
DATAHOTEL	PMS	IMPORT	Data from PMS Api Accounting	<input checked="" type="checkbox"/>	10	Split	PMSTEST	<input checked="" type="checkbox"/>	0
HOTELSII	PMS	INVOICESII2	Get the SII Data of the Hotel Invoices	<input type="checkbox"/>	20	Base	PMSSII	<input checked="" type="checkbox"/>	6
CHATGPT	CHATGPT	CHATGPT5	Ask something to ChatGpt 4	<input type="checkbox"/>	30	Base	JJJ	<input type="checkbox"/>	1
DALLE-3-A	CHATGPT	DALLE-3A64	Get a AI Image based on the prompt	<input type="checkbox"/>	40	Base	DALLETESTMKTEMP	<input checked="" type="checkbox"/>	55
DALLE-3-B	CHATGPT	DALLE-3B64	Get my prompted image	<input type="checkbox"/>	50	Base	DALLETESTMKTEMP	<input type="checkbox"/>	14
GOOGLESTATIC	GOOGLE MAPS	STATICMAP	Get a map picture	<input type="checkbox"/>	60	Base		<input type="checkbox"/>	43
MEWSBILL	MEWS	BILLS	Get the Bills	<input checked="" type="checkbox"/>	70	Base	MEWSBILL	<input checked="" type="checkbox"/>	5
→ MEWSINVOICE	MEWS	ORDERITEMS	Get the Invoices	<input type="checkbox"/>	80	Base	NEWMEMSINVOICE	<input checked="" type="checkbox"/>	3
MEWSCUSTOMERS	MEWS	CUSTOMERS	Get the Customers	<input type="checkbox"/>				<input type="checkbox"/>	3

Code	Source Table ID
→ NEWMEMSINVOICE	0
NU	0
PMSSII	0
PRUEBANAMESPACEMAKE	0
SIITEST	0

Parameters >

Body | New Line | Delete Line | Open Body

+ New [Show details](#) [Select from full list](#)

We can view the **Base Template** and its structure either by navigating through **Select from full list** or **Show details** from the **Import Template** dropdown field, or by navigating to the **Open Entity Base Templates** list.

NEWMEMSINVOICE

Copy-Paste Export Data Excel Run Process Save File Archive Copy Template Rename Duplicated Tags Make Import Rule Permission Run Codeunits Vars & Formulas

General

Code NEWMEMSINVOICE
 Source Table ID 0
 Source Name
 Description
 Operation Only Read

Table Trigger
 Permissions 0
 Run Codeunit 0
 Allow Requests
 Enabled
 Use-Create Equivalence

Folder
 Template Use 0
 Archive Use 0
 Imports Use (Base Templat... 1
 Imports Use (Split Templat... 0

Lines | New Line Delete Line Use Key Clear Key Excel Header Excel Line Indent

Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do if	Table Trig...	Key	Fields	Formu...	Filters	Fusion
72139624	NOW Import Buffer	0	0	OrderItems	Only Read		<input type="checkbox"/>		27	No	0	No
→ 72139624	NOW Import Buffer	2	72139624	UnitAmount	Only Read		<input type="checkbox"/>		2	No	0	No
72139624	NOW Import Buffer	4	72139624	TaxValues	Only Read		<input type="checkbox"/>		0	No	0	No
72139624	NOW Import Buffer	4	72139624	Breakdown	Only Read		<input type="checkbox"/>		3	No	0	No
72139624	NOW Import Buffer	6	72139624	Items	Only Read		<input type="checkbox"/>		3	No	0	No
72139624	NOW Import Buffer	2	72139624	Amount	Only Read		<input type="checkbox"/>		2	No	0	No
72139624	NOW Import Buffer	4	72139624	TaxValues1	Only Read		<input type="checkbox"/>		0	No	0	No
72139624	NOW Import Buffer	4	72139624	Breakdown1	Only Read		<input type="checkbox"/>		3	No	0	No
72139624	NOW Import Buffer	6	72139624	Items1	Only Read		<input type="checkbox"/>		3	No	0	No
72139624	NOW Import Buffer	2	72139624	OriginalAmount	Only Read		<input type="checkbox"/>		2	No	0	No
72139624	NOW Import Buffer	4	72139624	TaxValues2	Only Read		<input type="checkbox"/>		0	No	0	No
72139624	NOW Import Buffer	4	72139624	Breakdown2	Only Read		<input type="checkbox"/>		3	No	0	No
72139624	NOW Import Buffer	6	72139624	Items2	Only Read		<input type="checkbox"/>		1	No	0	No
72139624	NOW Import Buffer	2	72139624	Options	Only Read		<input type="checkbox"/>		4	No	0	No
72139624	NOW Import Buffer	2	72139624	Data	Only Read		<input type="checkbox"/>		4	No	0	No
72139624	NOW Import Buffer	4	72139624	Product	Only Read		<input type="checkbox"/>		2	No	0	No
72139624	NOW Import Buffer	4	72139624	Rebate	Only Read		<input type="checkbox"/>					

An Open Entity table called **NOW Import Buffer** is used as a temporary data storage. The **Tags** represent the names of the data structured by the logical sections of the API, either JSON or XML. Finally, by accessing the **Fields** column, we can view its fields and variables, if they have been created automatically.

TableData - 72139624

OE Field Lines | + New | Edit List | Delete | Delete All | Get & Enabled All | Enabled All | Disable All | Check Duplicates | Enabled Selected | Disable Selected | Check formulas | More options

Field ID	Field Name	Tag	Order	Series No.	Get Serie When	Get From	Field Value	Mapping (Imports)	Ena... Map	Variable Id	Send when Run Cod...	Formula	Condi...	Ign... For...	Et
1	A	Id	0					0	<input type="checkbox"/>	Id@0002	<input type="checkbox"/>		No	<input type="checkbox"/>	
2	B	Enterpriseld	0					0	<input type="checkbox"/>	Enterpriseld@0003	<input type="checkbox"/>		No	<input type="checkbox"/>	
3	C	Accountld	0					0	<input type="checkbox"/>	Accountld@0004	<input type="checkbox"/>		No	<input type="checkbox"/>	
4	D	AccountType	0					0	<input type="checkbox"/>	AccountType@0005	<input type="checkbox"/>		No	<input type="checkbox"/>	
5	E	ServiceId	0					0	<input type="checkbox"/>	ServiceId@0006	<input type="checkbox"/>		No	<input type="checkbox"/>	
6	F	ServiceOrderld	0					0	<input type="checkbox"/>	ServiceOrderld@0007	<input type="checkbox"/>		No	<input type="checkbox"/>	
7	G	Notes	0					0	<input type="checkbox"/>	Notes@0008	<input type="checkbox"/>		No	<input type="checkbox"/>	
8	H	Billld	0					0	<input type="checkbox"/>	Billld@0009	<input type="checkbox"/>		No	<input type="checkbox"/>	
9	I	AccountingCategoryld	0					0	<input type="checkbox"/>	AccountingCategoryld@0010	<input type="checkbox"/>		No	<input type="checkbox"/>	
10	J	BillingName	0					0	<input type="checkbox"/>	BillingName@0011	<input type="checkbox"/>		No	<input type="checkbox"/>	
11	K	ExternalIdentifier	0					0	<input type="checkbox"/>	ExternalIdentifier@0012	<input type="checkbox"/>		No	<input type="checkbox"/>	
12	L	UnitCount	0					0	<input type="checkbox"/>	UnitCount@0013	<input type="checkbox"/>		No	<input type="checkbox"/>	
13	M	RevenueType	0					0	<input type="checkbox"/>	RevenueType@0014	<input type="checkbox"/>		No	<input type="checkbox"/>	
14	N	CreatorProfileld	0					0	<input type="checkbox"/>	CreatorProfileld@0015	<input type="checkbox"/>		No	<input type="checkbox"/>	
15	O	UpdaterProfileld	0					0	<input type="checkbox"/>	UpdaterProfileld@0016	<input type="checkbox"/>		No	<input type="checkbox"/>	
16	P	CreatedUtc	0					0	<input type="checkbox"/>	CreatedUtc@0017	<input type="checkbox"/>		No	<input type="checkbox"/>	
17	Q	UpdatedUtc	0					0	<input type="checkbox"/>	UpdatedUtc@0018	<input type="checkbox"/>		No	<input type="checkbox"/>	
18	R	ConsumedUtc	0					0	<input type="checkbox"/>	ConsumedUtc@0019	<input type="checkbox"/>		No	<input type="checkbox"/>	
19	S	CanceledUtc	0					0	<input type="checkbox"/>	CanceledUtc@0020	<input type="checkbox"/>		No	<input type="checkbox"/>	
20	T	ClosedUtc	0					0	<input type="checkbox"/>	ClosedUtc@0021	<input type="checkbox"/>		No	<input type="checkbox"/>	
21	U	StartUtc	0					0	<input type="checkbox"/>	StartUtc@0022	<input type="checkbox"/>		No	<input type="checkbox"/>	
22	V	ClaimedUtc	0					0	<input type="checkbox"/>	ClaimedUtc@0023	<input type="checkbox"/>		No	<input type="checkbox"/>	
23	X	AccountingState	0					0	<input type="checkbox"/>	AccountingState@0024	<input type="checkbox"/>		No	<input type="checkbox"/>	
24	Y	Type	0					0	<input type="checkbox"/>	Type@0025	<input type="checkbox"/>		No	<input type="checkbox"/>	
25	Z	Data	0					0	<input type="checkbox"/>	Data@0026	<input type="checkbox"/>		No	<input type="checkbox"/>	
26	AA	TaxExemptionReason	0					0	<input type="checkbox"/>	TaxExemptionReason@0027	<input type="checkbox"/>		No	<input type="checkbox"/>	
27	AB	TaxExemptionLegalReference	0					0	<input type="checkbox"/>	TaxExemptionLegalReference@...	<input type="checkbox"/>		No	<input type="checkbox"/>	

By default, they are created as **Text** type and can be manually changed in the **Type** column at the end of the same page, if required.

At the same time that **Make Template** creates the template, it also creates an inbox entry in the standard import folder.

The screenshot displays the 'OE Entity Imports List' interface. A red arrow points to the 'NEWMEMSINVOICE' entry in the 'Source Template' column. An 'OE Grid Viewer' window is open, showing a comparison between two tables, A and B. The data is organized into sections: OrderItems, UnitAmount, TaxValues, Breakdown, and Items. A 'Close' button is visible at the bottom right of the grid viewer.

Table	A	B
OrderItems	OrderItems	
	Id	Enterpriseld
	dac7f40-3801-4f6f-9874-afd50170a6bb	851df8c8-90f2-4c4a-8e0
UnitAmount	UnitAmount	
	Currency	NetValue
	GBP	13.333
TaxValues	TaxValues	
	Code	Value
	UK-2022-20%	2.667
Breakdown	Breakdown	
Items	Items	
	TaxRateCode	NetValue
	UK-2022-20%	13.333

The only remaining step is to create or add the Force type line(s) to the generated template in order to save the data into one or more Business Central tables.

If we want to examine how the template works, we can move this entry to the **Garage** and start the engine. In addition to reviewing its data and behavior, this can be very useful when we want to create the previously mentioned **Forced** lines, as it helps us understand what each element is, which variables have been defined, and their values.

OE Garage - 0

Manage Start Engine View Records View Replaces View Vars View Formulas View Conditions View Schema and Indexes Page

General

TrackCode [9378cb25-e81f-436d-8ec8-3fb9a8c8db5... Source ENTITY

Template NEWMEMISINVOICE Perspective Target

Dataltems & Buffer

Dataltems

Major	Level	Value
1	0	NOW Import Buffer -> OrderItems
→ 2	2	NOW Import Buffer -> UnitAmount
3	4	NOW Import Buffer -> TaxValues
4	4	NOW Import Buffer -> Breakdown
5	6	NOW Import Buffer -> Items
6	2	NOW Import Buffer -> Amount
7	4	NOW Import Buffer -> TaxValues
8	4	NOW Import Buffer -> Breakdown
9	6	NOW Import Buffer -> Items
10	2	NOW Import Buffer -> OriginalAmount
11	4	NOW Import Buffer -> TaxValues
12	4	NOW Import Buffer -> Breakdown
13	6	NOW Import Buffer -> Items
14	2	NOW Import Buffer -> Options
15	0	NOW Import Buffer -> OrderItems
16	2	NOW Import Buffer -> UnitAmount
17	4	NOW Import Buffer -> TaxValues
18	4	NOW Import Buffer -> Breakdown

Data Buffer

Major	Level	Value
2	2	34 - Currency : GBP
2	2	35 - NetValue : 13.333
2	2	36 - GrossValue : 16
→ 2	2	37 - TaxValues :

Replacements

Value

(There is nothing to show in this view)

Vars

Value

Currency@0029 = GBP

NetValue@0030 = 13.333

GrossValue@0031 = 16

Parameters

Value

(There is nothing to show in this view)

Close

MAKE TEMPLATE (SPLIT)

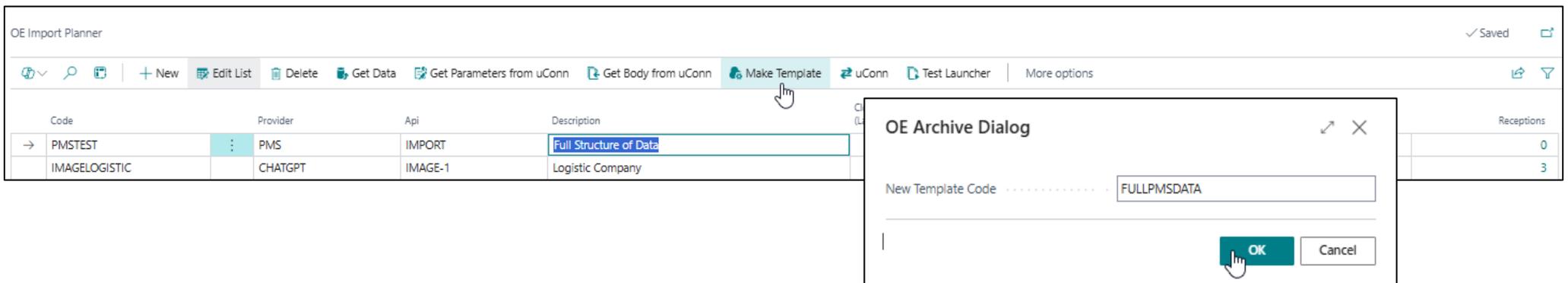
As mentioned earlier, the **Split** template option is used to divide a large data entry (JSON or XML) into smaller, more manageable logical units. This is especially useful for very large structures that combine different types of information.

We will work with a data source coming from a PMS that combines, for example, customers, invoicing, payments, production, credit, deposits, and similar data.

The first thing we need to do is determine which data sets will be split. If we have access to the API structure of our provider, this would be the first source to consult. If, for some reason, this is not possible, we can perform a full **Make Template** using a **Base** template and, after reviewing it, decide how to create the split.

For example, we can export the template lines to Excel and then filter the **Indentation** column by the value **2**.

It is important when creating a template using **Make Template** (Base or Split) that the data source is as complete as possible. Otherwise, future data may be omitted due to an incomplete template structure.



In our case, the result would be the parent lines for each data type. From these, for this document, we have selected only three: **customers**, **invoicing**, and **production**.

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do it	Table Trigger	Key	Field	Formulas	Filters	Fusion	Exce	Enabled	Run Before (
72139624	NOW Import Buffer	2	72139624	customers	Only Read		FALSO		13	FALSO	0	FALSO	0	#####	
72139624	NOW Import Buffer	2	72139624	production	Only Read		FALSO		18	FALSO	0	FALSO	0	#####	
72139624	NOW Import Buffer	2	72139624	invoicing	Only Read		FALSO		14	FALSO	0	FALSO	0	#####	

We can now start creating our **Split** templates.

We change the base type in **PMSTEST** to **Split** and navigate through **Import Template** > **Select full list** to the **Split Templates** list.

This can also be accessed from **Open Entity**, through **Dashboard Actions** > **Imports** > **Split List**.

Here, we create an entry and edit it:

OE Split List ✓ Saved

⌵ 🔍 📄 | + New Edit List Delete Edit View | More options

Code ↑	Description	XML Base Code
→ PMSTEST	MAKE SPLIT TEMPLATES TEST	PMSBASE

OE Split ✎ 📄 + 🗑

PMSTEST

General

Code PMSTEST XML Base Code PMSBASE

Description MAKE SPLIT TEMPLATES TEST

Lines | 📄 New Line ✕ Delete Line 📄 📄

Tag	Template Code	XML Base Code	Sort XML Elements	Create Vars	Order ↑	Enabled
customers	PMSCUSTOMERS		☑	☑	10	☑
production	PMSPRODUCTION		☑	☑	20	☑
→ invoicing	PMSINVOICING		☑	☑	30	☑

In the **Lines** section, the most important columns are **Tag** and **Template Code**.

Tag is the label with which the data is received from the API. In our case, we have **customers**, **production**, and **invoicing**.

In **Template Code**, we “invent” the names of the templates that will be created.

It is highly recommended to enable the **Sort XML Elements** column. With this option, simple elements of a JSON or XML are ordered at the beginning of the node or token, while composite elements, such as **document** or **country**, which have child elements, are placed at the end. If this option is not enabled, there is a risk that a simple node located below parent nodes cannot be read.

Create vars: automatically creates variables for each field when enabled.

Order: defines the order in which the data sections are received.

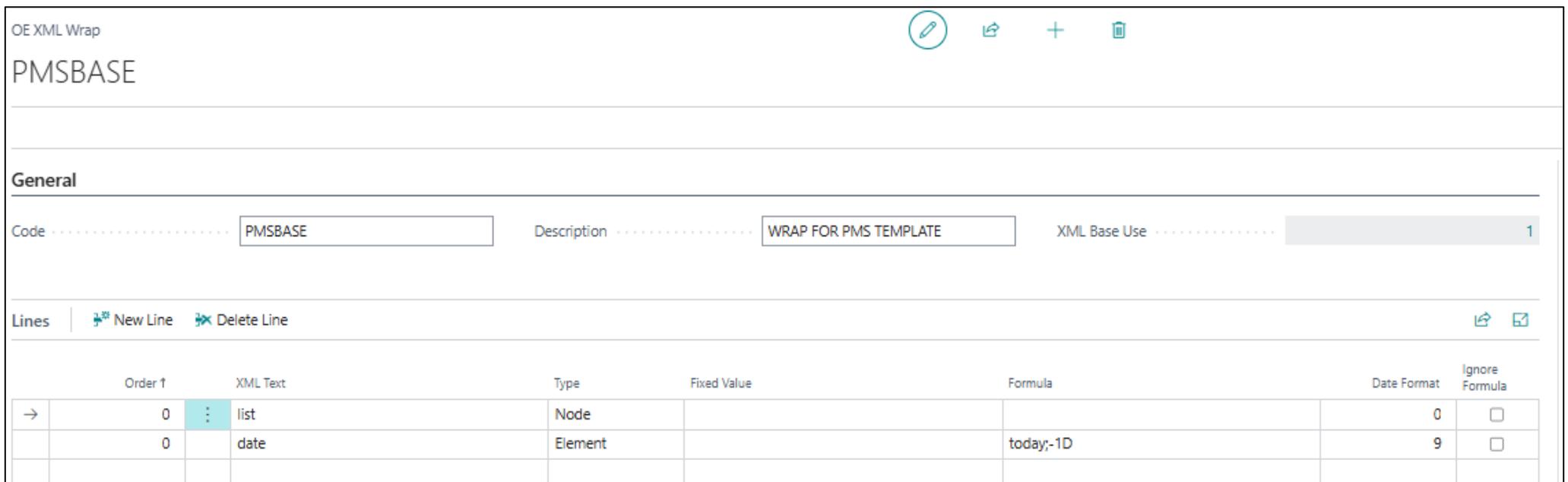
Enabled: enables the reading, and in this case the initial creation, of the Split template line.

Finally, there is the **XML Base Code** field, which is simply the “wrapper” that will surround our Split templates.

We can access the **XML Base Code** list from the field using **Select from full list**, open its card directly using **Show details**, or access it from the **Open Entity Dashboard** through **Dashboard Actions > Imports > XML Wrap**.

If this field is configured in the header, all enabled lines will follow this pattern. It can also be defined on individual lines in case different patterns are required for each one.

The **XML Base** or **XML Wrap** card for our example is:



OE XML Wrap

PMSBASE

General

Code PMSBASE Description WRAP FOR PMS TEMPLATE XML Base Use 1

Lines | [New Line](#) | [Delete Line](#)

	Order ↑	XML Text	Type	Fixed Value	Formula	Date Format	Ignore Formula
→	0	list	Node			0	<input type="checkbox"/>
	0	date	Element		today,-1D	9	<input type="checkbox"/>

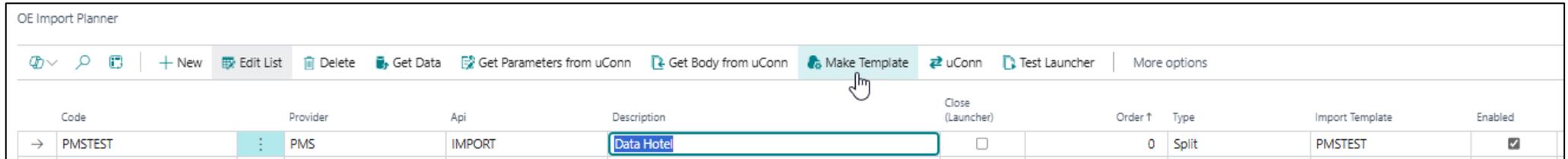
In the header, we have the **Wrap Template Code**, a description, and the number of times it is used by **Split** templates.

Lines:

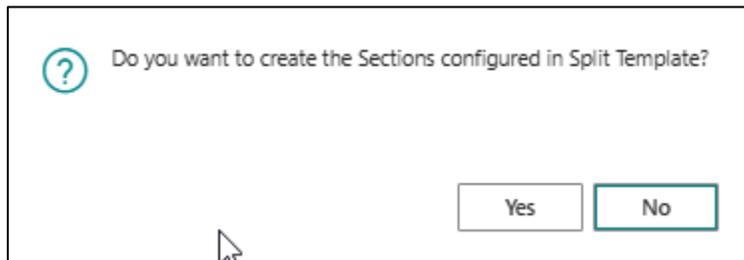
- **Order:** allows us to change the order of the lines, making it easier to avoid editing issues if we create them in the wrong order.

- **XML Text:** the name or tag that will wrap the Split template.
- **Type:** indicates whether it is a node or an element. The first line must obligatorily be of type **Node**.
- **Fixed Value:** used if we want to assign a fixed value.
- **Date Formula** and **Date Format:** used if the field of type **Element** is a date.

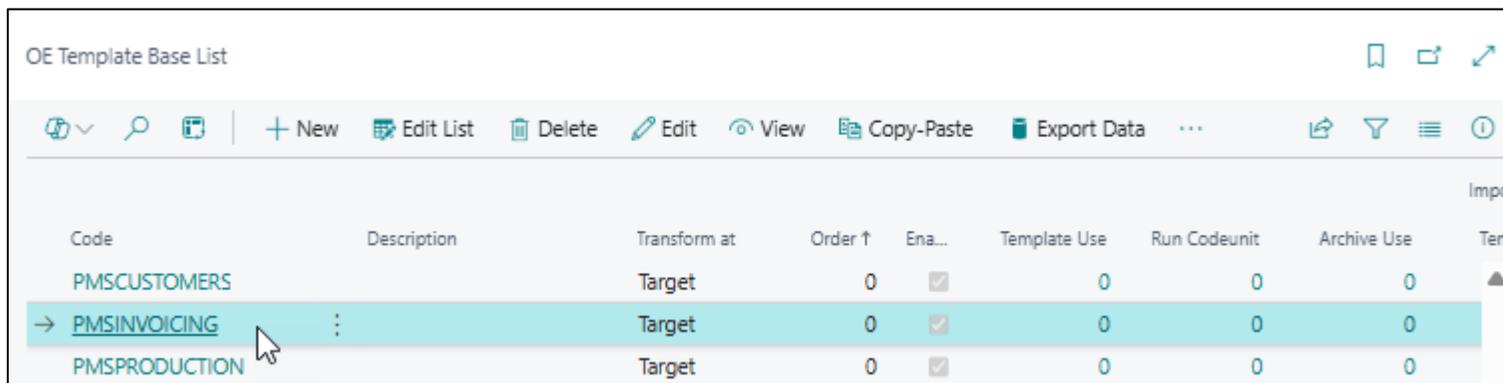
With all of this configured, we can now create our **Split Template** and its defined **Base Templates**:



When clicking **Make Template**, we will no longer be prompted to enter a code. Instead, the following confirmation message will be displayed:



We respond affirmatively, and after reading the data from the API, the **Base Templates** configured in the lines of the **Split Template** will have been created, including their data structure and fields..



OE Garage - 0

Manage Start Engine View Records View Replaces View Vars View Formulas View Conditions View Schema and Indexes Page

General

TrackCode [b8278fa4-edde-4440-be68-961993dad6...] Source ENTITY

Template PMSCUSTOMERS Perspective Target

Datitems & Buffer

Datitems

Major	Level	Value
1	0	NOW Import Buffer -> list
2	2	NOW Import Buffer -> customers
→ 3	4	NOW Import Buffer -> country
4	4	
5	6	
6	4	
7	4	
8	6	
9	4	
10	4	
11	2	NOW Import Buffer -> customers
12	4	NOW Import Buffer -> country
13	4	
14	6	
15	4	
16	4	
17	6	
18	4	

Data Buffer

Major	Level	Value
3	4	22 - name : SPAIN
3	4	23 - codeISO2 : ES
→ 3	4	

Record

Value

(There is nothing to show in this view)

Replacements

Value

(There is nothing to show in this view)

Vars

Value

name@0015 = SPAIN

codeISO2@0016 = ES

Parameters

Close

It will still be necessary to add the Force lines in order to save the data into Business Central tables.

Since Force template lines have undergone changes in this new version, they will be discussed again later in this document.

CUSTOM TEMPLATES FOR IMPORTS

In order for import templates to be accessible to users, we create a **Custom Template** in the same way as we do with **Base Templates**, by defining the user and the **Template Type** as **Imports**. In the **Source Template Code** field, we select the desired import template. We then enter a description and enable the **Enabled** field.

OE Custom Template

CT-0003

Run | More options

General

Code CT-0003

User TOLO.SASTRE

Template Type Imports

Source Template Code PMSTEST

Description

Folder [dropdown]

Enabled

Run Codeunit

Ignore Run Base Codeunit

Code t	Description
IMAGELOGISTIC	Logistic Company
MEWSBILL	Get the Bills
MEWSCUSTOMERS	Get the Customers
MEWSINVOICE	Get the Invoices
→ PMSTEST	Data Hotel

Show details Select from full list

Once these simple steps are completed, the import utility will be available to the user.

Utilities

Main Utilities ▾

Run

Open in Excel

	Description	Folder	Action	Run Type
	Obten imagenes de Dalle		Import	Normal
→ CT-0003	Import Data Hotel		Import	Normal
CT-0004	Mapa Google		Import	Normal
CT-0005	Datos SII por fechas		Import	Normal

GROUPS FOR PERIODIC EXECUTIONS

To create a periodic activity for imports, we will use the **Groups** and the **Custom Import Templates** that have been created. The behavior has not changed (see document “06 – Custom Templates and Groups”).

OE Group Header

IMPORTACIONES

Run | More options

General

Code: IMPORTACIONES | Description: Importaciones periodicas | Webhooks: 0

Allow Job Queue Process: | Enabled:

Lines | New Line | Delete Line

Custom Template Code	Description	Action	Order ↑	Ena...	Mo...	Tue...	We...	Thu...	Friday	Sat...	Sun...
CT-0002	Obten imagenes de Dalle	Import	10	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
→ CT-0003	Import Data Hotel	Import	50	<input checked="" type="checkbox"/>							

APPS

A new **cue** has been added to **Open Entity**, from which we can access the apps that have been configured. These can be commercial apps or customer-created apps, as well as web pages or Business Central pages. **Apps** or **Applications** was originally created to host future applications or utilities related to Open Entity.

Open Entity Dashboard Manager

Manage | Actions | Fewer options

- Setup > OE Setup
- Templates > Tenant-Company
- Custom Templates > Apps Setup

Templates: 32

Base: 18

Archive

Customizations:

- Clipboard Pages: 85
- Custom Templates: 16
- Template Groups: 1
- Equivalences: 0
- Import Planner: 6

Activity:

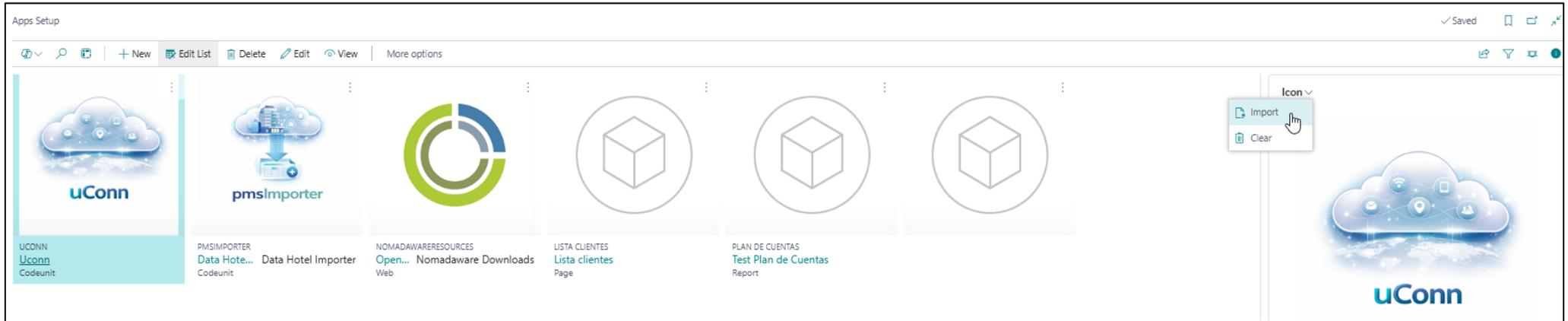
- Inbounds: 32
- Outbounds: 23
- Logs: 999+

Notifications:

- Webhooks: 1
- Receptions: 18

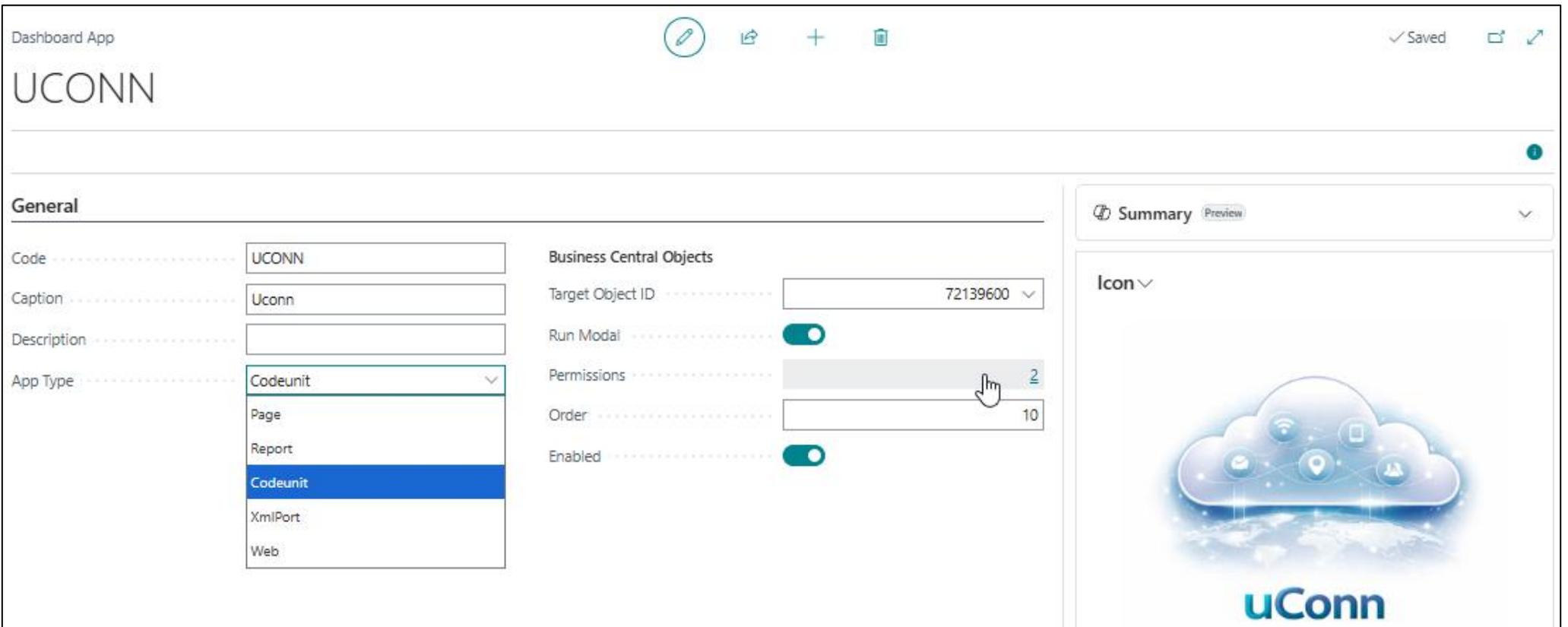
Applications: 5

From **Actions > Setup > Apps Setup**, a list of the configured apps will be displayed.



To create or modify a record, we use the **New** or **Edit** action. From the same list, we can also upload an image for the app.

Apps Card: in this example, we have configured the **uConn** application so that it can be used by a user who is not an Open Entity administrator.



FIELDS

- **Code:** code related to the nature of the app.
- **Caption:** a text (title), for example the name of the app.
- **Description:** personal description of the app.
- **App Type:** the type of Business Central object to be executed. If the type is **Web**, a browser tab will be opened with the configured URL.
- **Target Object ID:** the ID of the Business Central object.
- **Run Modal:** usually enabled, indicates that execution will be modal.
- **Permissions:** number of permissions defined for this app. Its behavior is identical to that of **Base Templates** (see “11 – Permissions and Inspect”). If no permissions are defined, all users can execute it.
- **Order:** allows configuration of the display order of the apps on the screen.
- **Enabled:** enables or disables the execution of the app for users.

Dashboard App

NOMADAWARERESOURCES

✓ Saved

General

Code	NOMADAWARERESOURCES
Caption	Open Entity Docs & Downloads
Description	Nomadaware Downloads
App Type	Web

→

Web

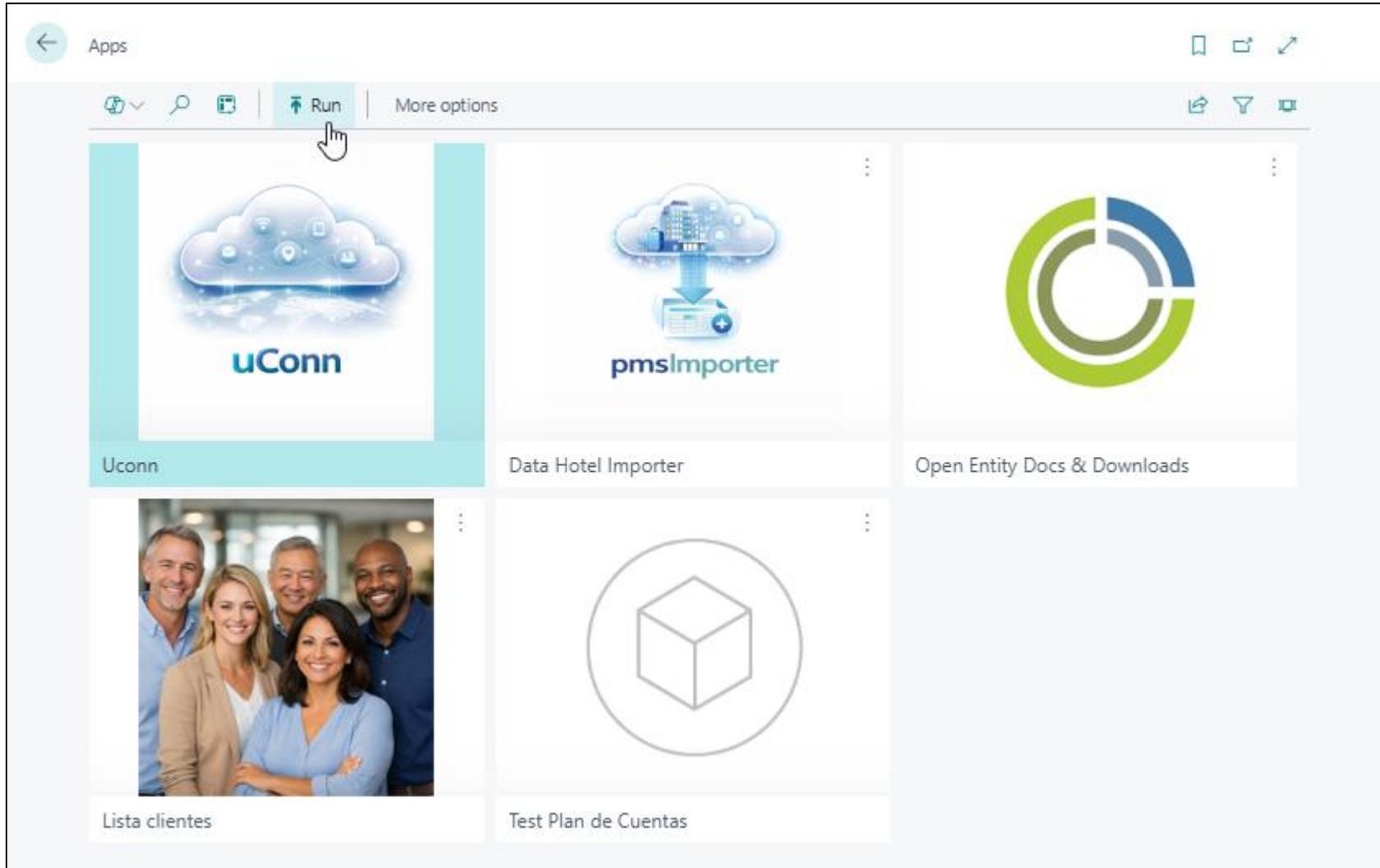
Target URL	https://www.nomadaware.com/open-ε
Permissions	1
Order	30
Enabled	<input checked="" type="checkbox"/>

Summary Preview

Icon

If the **App Type** is **Web**, the **Business Central Objects** section will change to the **Web** section, where we can enter our URL.

Apps Screen (Users)



CHANGES IN THE NEW OPEN ENTITY VERSION

GET FROM

The **Get From** template now allows retrieving the first or last record based on configured fields that are not part of the record's primary key.

OE Get From Header

GETLASTCUSTOMER

Use Key Clear Key More options

General

Code: GETLASTCUSTOMER

Source Table ID: 18

Source Name: Customer

Description: Get the first or last customer (only test)

Key: City

First or Last: Last

Suitable for: Get From

Get From Return Field

Field ID: 1

Name: No.

Enabled:

GetFrom Use: 1

Links +

Notes +

	Field ID	Field Name	Operator	Field Value	Is a Var	Order ↑	Enabled
→	7	City	=	vcity	<input checked="" type="checkbox"/>	10	<input checked="" type="checkbox"/>

We can select or clear the search key using the **Use Key** and **Clear Key** actions, as in base template lines, and choose in the **First or Last** field whether we want the first or the last record of the resulting selection.

DON'T DO

The new implementation of the import module (**Import Planner**), together with the reading of external data outside Business Central (**uConn**), raises the question of whether some entries are valid and should be accepted. For example, importing a customer with code zero that contains no values (blanks or nulls).

With **Don't Do** templates, we can prevent data that matches certain values from being saved during the import process.

To apply this control, a new column has been added to the **Template Lines** called **Don't Do if**:

The screenshot shows the OE Template Base interface for PMSCUSTOMERS. The General settings are visible, including Code (PMSCUSTOMERS), Source Table ID (0), Source Name, Description, Operation (Only Read), Table Trigger (disabled), Permissions (0), Run Codeunit (0), Allow Requests (disabled), Enabled (checked), Use-Create Equivalence (disabled), Folder, Template Use (0), Archive Use (0), Imports Use (Base Templates) (0), and Imports Use (Split Templates) (1).

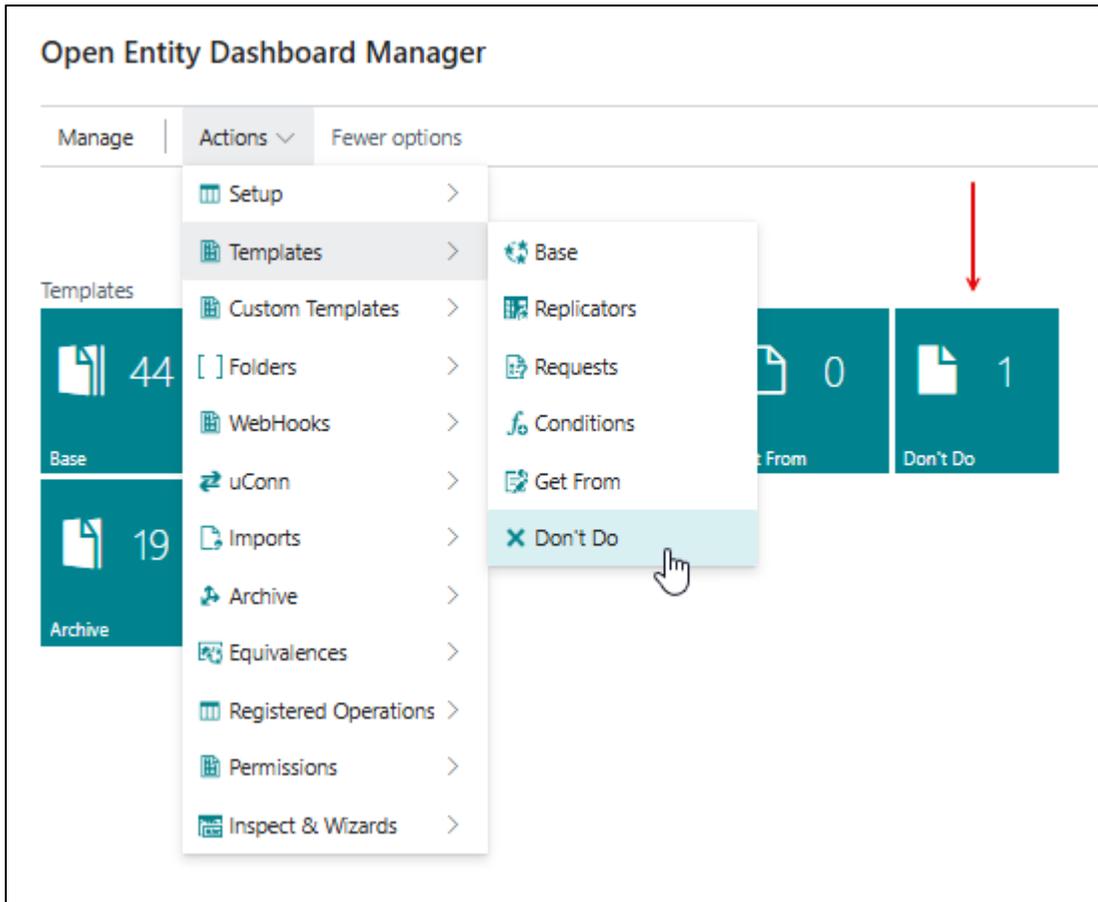
The Template Lines table is shown below, with the following columns: Target Table ID, Target Table Name, Indentation, Related Table ID, Tag, Operation, Don't Do if, Table Trig..., Key, Fields, Formul..., Filters, Fusion, Excel, Ena..., Run Before (Force), Run After (Force), and Force. The 'Don't Do if' column is highlighted in red. A red arrow points to the 'CUSTOMERZERO' value in the 'Don't Do if' column of the 'NWP Hotel Customers' line. The 'Country/Region' line also has 'pmscountry' highlighted in red.

Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do if	Table Trig...	Key	Fields	Formul...	Filters	Fusion	Excel	Ena...	Run Before (Force)	Run After (Force)	Force
72139624	NOW Import Buffer	0	0	list	Only Read		<input type="checkbox"/>		1	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	2	72139624	customers	Only Read		<input type="checkbox"/>		13	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624	country	Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>		pmscountry	<input type="checkbox"/>
50155	NWP Hotel Customers	0	0	pmscustomers	Insert-Modify	CUSTOMERZERO	<input type="checkbox"/>		13	Yes	0	No	0	<input checked="" type="checkbox"/>		pmscustomers	<input checked="" type="checkbox"/>
9	Country/Region	0	0	pmscountry	Only Insert		<input type="checkbox"/>		3	Yes	0	No	0	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

In this example, we have created a **Don't Do** template that prevents data from being inserted into the custom extension table (PTE) for **Hotel Customers (NWP Hotel Customers)** when the **Id** field is zero.

Warning: a **Don't Do** template does not prevent the data from being read and, in some cases, temporarily stored in variables during processing.

These templates can be accessed from **Actions > Templates > Don't Do** or from their corresponding **cue** in the **Open Entity Administration Dashboard**.



The **Don't Do** list page will be opened.

OE Don't Do List

Toolbar: + New, Edit List, Delete, Edit, View, More options

Code ↑	Description	Source Table ID	Source Name	Enabled	Use Condition
CUSTOMERZERO	Customer Zero from PMS at the very first of data	50155	NWP Hotel Customers	<input checked="" type="checkbox"/>	0

On its card page, we will edit the required fields for the referenced table.

Its configuration is similar to that of **Condition Templates** (see “05 – Get From, Conditions and Requests”) for formulas.



CUSTOMERZERO

General

Code CUSTOMERZERO

Description Customer Zero from PMS at the very f

Source Table ID 50155

Suitable for Dont Do if

Source Name NWP Hotel Customers

Enabled

Use Condition 0

Lines | New Line Delete Line

	Field ID	Field Name	Operator	Field Value	Criteria String	Order ↑
→	1	Id.	=	0		0

FORCE BEFORE/AFTER

The two new columns, **Force Before** and **Force After**, are related to the lower **Force** lines that we use to save the data stored in variables into Business Central. They are used when there is no direct relationship between the received data (in this case, from an external source) and its final destination (a Business Central table).

They can still be placed within the flow or data structure of the template, but for clarity we recommend placing them at the end of the template.

When, during data reading, a template line encounters a tag from **Force** type lines specified in the **Force Before** or **Force After** columns, the read/write flow is temporarily redirected to those lines and they are processed (Insert/Modify, Only Insert, Only Modify).

If the tag is found in the **Force Before** column, this redirection occurs before processing the current line. In the case of **Force After**, it occurs immediately after.

OE Template Base | ✎ 🔗 + 🗑️ ✓ Saved 📄 🔗

PMSCUSTOMERS

📄 Copy-Paste 📄 Export Data 📄 Excel 🔄 Run Process 📄 Save File 📄 Archive 📄 Copy Template 📄 Rename Duplicated Tags 📄 Make Import Rule 📄 Permission 🔄 Run Codeunits 📄 Vars & Formulas 📄 Get and Enable All Fields 📄 Delete Obsolete/Unexistent Fields 📄 Get Related Tables ...

General

Code: PMSCUSTOMERS | Table Trigger: | Folder: ULYSES

Source Table ID: 0 | Permissions: 0 | Template Use: 0

Source Name: | Run Codeunit: 2 | Archive Use: 0

Description: Import PMS Customers | Allow Requests: | Imports Use (Base Templates): 0

Operation: Only Read | Enabled: | Imports Use (Split Templates): 0

Use-Create Equivalence:

New Line Delete Line Use Key Clear Key Excel Header Excel Line Indent

Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do if	Table Trig...	Key	Fields	Formu...	Filters	Fusion	Excel	Ena...	Force Before	Force After	Force
72139624	NOW Import Buffer	0	0	list	Only Read		<input type="checkbox"/>		2	Yes	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	2	72139624	customers	Only Read		<input type="checkbox"/>		11	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624	country	Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>		pmscountry	<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624		Only Read		<input type="checkbox"/>		1	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	6	72139624		Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624		Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624		Only Read		<input type="checkbox"/>		1	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	6	72139624		Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624		Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>			<input type="checkbox"/>
72139624	NOW Import Buffer	4	72139624	accountReceivable	Only Read		<input type="checkbox"/>		2	No	0	No	0	<input checked="" type="checkbox"/>		pmscustomer	<input type="checkbox"/>
50155	NWP Hotel Customers	0	0	pmscustomer	Insert/Mod...	CUSTOMERZERO	<input type="checkbox"/>		13	Yes	0	No	0	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
→ 9	Country/Region	0	0	pmscountry	Only Insert		<input type="checkbox"/>		3	Yes	0	No	0	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

In this template, we have been accumulating the required data for saving the country and the customer data into variables. When the template processes the **Force After** column, the data is saved into a Business Central table.

Example of Fields within a Force Line (pmscustomers):

Field ID	Field Name	Tag	Order ↑	Series No.	Get Serie When	Get From	Field Value	Ma... (Im...	Ena... Map	Vari... Id	Send when Run Cod...	Formula	Con...	Ign... For...	Equal Field No.	Fuse	Cha... Sign (nu...	Vali...	Edit...	Visi...	Ena...	Lookup Page No.	Lookup Field No.	Field Type
1	Id.		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vid	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
2	No.		0					0	<input type="checkbox"/>		<input type="checkbox"/>	430000000+vCustCode	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Integer
3	Name		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vGivenName vSurname vSurma...	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
4	Address		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCustAddress	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
5	Post Code		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCustPostCode	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
6	City		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCustCity	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
7	Country		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCountryName	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
8	Country Code		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCountry/ISO2	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
9	Phone		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vPhone	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
10	E-Mail		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCustEMail	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
11	Document Type		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vDocTypeName	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
12	Document No.		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vDocumentNumber	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text
13	Customer Type		0					0	<input type="checkbox"/>		<input type="checkbox"/>	vCustTypeName	No	<input type="checkbox"/>	0		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	0	Text

DELETE UNEXISTENT-OBSOLETE FIELDS

In the previous version, fields that no longer existed were automatically checked and removed (fields deleted by new extensions, regional versions, or marked as *obsolete-removed* by Microsoft). Now, when executing this action, the system first displays the fields in use that do not exist, including those from **Template Lines (Fields)**, **Filters**, and those used in **Excel**.

OE Template Base

EXPORT_TEMPLATE

Copy-Paste Export Data Excel Run Process Save File Archive Copy Template Rename Duplicated Tags Make Import Rule Permission Run Codeunits Vars & Formulas Get and Enable All Fields ...

General

Code: EXPORT_TEMPLATE Table Trigger: Folder: ...

Source Table ID: 72139575 Permissions: 0 Template Use: ...

Source Name: NOW Template Header Run Codeunit: 0 Archive Use: ...

Description: Copy any template user to another company Allow Requests: Imports Use (Base Templates): ...

Operation: Insert-Modify Enabled: Imports Use (Split Templates): ...

Use-Create Equivalence:

Delete Obsolete/Unexistent Fields
Get Related Tables
Delete Data (Entity)
More options

Lines | New Line Delete Line Use Key Clear Key Excel Header Excel Line Indent

Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do if	Table Trig...	Key	Fields	Formu...	Filters	Fusion	Excel	Ena...
72139575	NOW Template Header	0	72139575		Insert-Mod...		<input type="checkbox"/>		31	No	1	No	0	<input checked="" type="checkbox"/>
72139576	NOW Template Lines	2	72139575		Insert-Mod...		<input type="checkbox"/>		37	No	0	No	0	<input checked="" type="checkbox"/>
72139577	NOW Field Relation	2	72139575		Insert-Mod...		<input type="checkbox"/>		11	No	0	No	0	<input checked="" type="checkbox"/>
72139578	NOW Field Lines	2	72139575		Insert-Mod...		<input type="checkbox"/>		32	No	0	No	0	<input checked="" type="checkbox"/>
72139580	NOW Template Permissions	2	72139575		Insert-Mod...		<input type="checkbox"/>		6	No	0	No	0	<input checked="" type="checkbox"/>
72139588	NOW Filter Lines	2	72139575		Insert-Mod...		<input type="checkbox"/>		22	No	0	No	0	<input checked="" type="checkbox"/>
72139589	NOW Excel Fields	2	72139575		Insert-Mod...		<input type="checkbox"/>		15	No	0	No	0	<input checked="" type="checkbox"/>
72139602	NOW Conditions Template Field	2	72139575		Insert-Mod...		<input type="checkbox"/>		7	No	0	No	0	<input checked="" type="checkbox"/>
72139614	NOW OE Mapping	2	72139575		Insert-Mod...		<input type="checkbox"/>		8	No	0	No	0	<input checked="" type="checkbox"/>
72139615	NOW Target for Template	2	72139575		Insert-Mod...		<input type="checkbox"/>		13	No	0	No	0	<input checked="" type="checkbox"/>
72139618	NOW Excel Properties Template	2	72139575		Insert-Mod...		<input type="checkbox"/>		6	No	0	No	0	<input checked="" type="checkbox"/>
72139620	NOW OE Parameters	2	72139575		Insert-Mod...		<input type="checkbox"/>		5	No	0	No	0	<input checked="" type="checkbox"/>

All fields (normal, Excel, and filters) whose status is Removed (obsolete) in this Template will be displayed, allowing them to be deleted...

When executing the action, an explanatory message will be displayed before searching for the unnecessary fields in the template.

OE Obsolete-Non Existent Fields

Manage

Fields

Obsolete Fields ▾

Template ↑	Table ID. ↑	Table Name	Field ID. ↑	Field Name	Field Caption	Length	Type
→ <input checked="" type="checkbox"/> EXPORT_TEMPLATE	72139576	NOW Template Lines	37	Key Index	Key Index		

Select More

Excel

Obsolete Excel Fields ▾

Template ↑	Table ID. ↑	Table Name	Field ID. ↑	Field Name	Field Caption	Length	Type
(There is nothing to show in this view)							

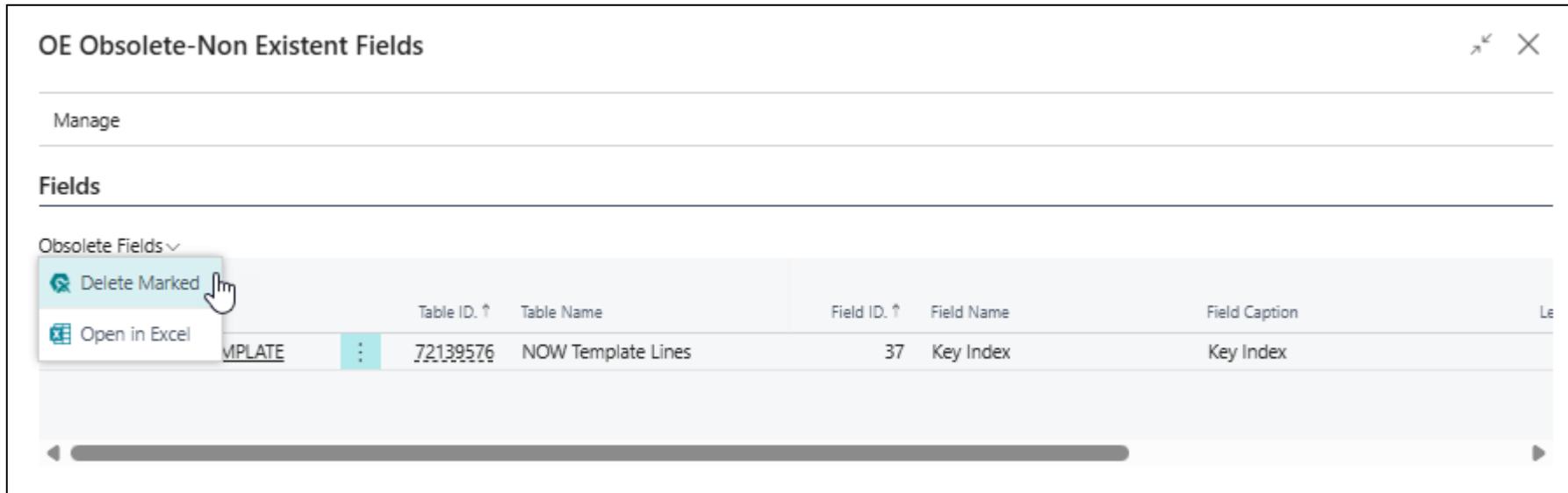
Filters

Obsolete Filter Fields ▾

Template ↑	Table ID. ↑	Table Name	Field ID. ↑	Field Name	Field Caption	Length	Type
(There is nothing to show in this view)							

Close

In this case, the system has found a field in this template that no longer exists. We select it as we usually do in Business Central and open the delete action contained in **Obsolete Fields**, **Obsolete Excel Fields**, or **Obsolete Filter Fields**, as applicable. Alternatively, we can open them in Excel to review them carefully.



The screenshot shows a window titled "OE Obsolete-Non Existent Fields" with a "Manage" button. Below is a "Fields" section containing a table of obsolete fields. A context menu is open over the first row, with "Delete Marked" selected. The table has columns for Table ID, Table Name, Field ID, Field Name, and Field Caption. The first row contains the following data:

Table ID. ↑	Table Name	Field ID. ↑	Field Name	Field Caption	Le
72139576	NOW Template Lines	37	Key Index	Key Index	

Once our actions are completed, we can close the page and the obsolete fields will have been removed from the template.

This action can also be executed globally for all **Open Entity** templates from **Dashboard (Open Entity) > Inspect & Wizards > Inspect Data app & Standard**.

The image shows the 'Open Entity Dashboard Manager' interface. On the left is a navigation sidebar with sections: 'Manage' (containing 'Actions' and 'Fewer options'), 'Templates' (with a count of 44), 'Base', and 'Don't Do' (with a count of 1). The 'Actions' menu is expanded, showing options like 'Setup', 'Templates', 'Custom Templates', 'Folders', 'WebHooks', 'uConn', 'Imports', 'Archive', 'Equivalences', 'Registered Operations', 'Permissions', and 'Inspect & Wizards'. The 'Inspect & Wizards' option is highlighted, and its sub-menu is open, showing 'Inspect Data App & Standard', 'Open Entity Basic Setup Wizard', 'Open Entity Advanced Setup Wizard', and 'Check formulas'. The 'Inspect Data App & Standard' option is selected. The main area displays the 'OE Inspect Data' application window. This window has a title bar with icons for edit, share, add, and delete, and a 'Saved' status. Below the title bar are three action buttons: 'Delete ALL Inbound-Outbound-Log Folders', 'Delete Obsolete/Unexistent Fields' (which is highlighted with a mouse cursor), and 'Delete ALL Webhook Receptions'. The application content includes a 'Data App Selection' section with a 'Data Selection' dropdown menu, and a 'Standard Tables & Pages' section with 'Table Number' and 'Page Number' dropdown menus, both currently set to '0'.

OE Obsolete-Non Existent Fields



Manage

Fields

Obsolete Fields ▾

Delete Marked

Open in Excel

	Table ID. ↑	Table Name	Field ID. ↑	Field Name	Field Caption	Length
72139576	72139576	NOW Template Lines	37	Key Index	Key Index	4
MIGULYSES_TEMPLATE	72139576	NOW Template Lines	37	Key Index	Key Index	4
ULYSESRECEIPT	50150	NWP Ulyses Entries	0	B	B	250

Excel

Obsolete Excel Fields ▾

Template ↑	Table ID. ↑	Table Name	Field ID. ↑	Field Name	Field Caption	Length	Type
------------	-------------	------------	-------------	------------	---------------	--------	------

(There is nothing to show in this view)

Filters

Obsolete Filter Fields ▾

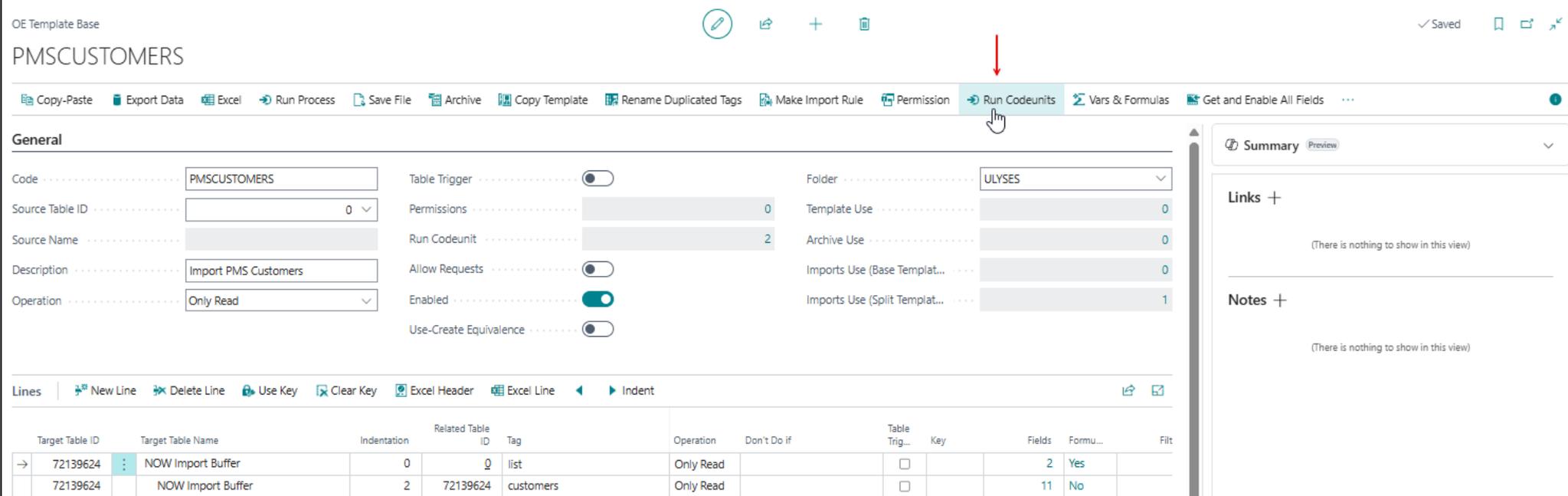
RUN CODEUNITS (BEFORE/AFTER) FOR BASE AND CUSTOM TEMPLATES

Finally, a new feature has been developed that allows the execution of codeunits before and/or after the processing of a template, either **Base** or **Custom**.

This new capability is especially useful when we need to prepare data or perform actions prior to executing the template, as well as when we need to apply modifications or additional actions after execution. Examples include creating invoice line groupings, modifying or deleting records based on specified parameters, and similar tasks.

RUN CODEUNITS – BASE TEMPLATES

To configure the execution of codeunits, we run the **Run Codeunits** action from the template header.



The screenshot shows the configuration page for the 'PMSCUSTOMERS' template. The 'Run Codeunits' menu item is highlighted with a red arrow. The 'General' section contains the following fields:

- Code: PMSCUSTOMERS
- Table Trigger:
- Folder: ULYSES
- Source Table ID: 0
- Permissions: 0
- Template Use: 0
- Source Name: Import PMS Customers
- Run Codeunit: 2
- Archive Use: 0
- Description: Import PMS Customers
- Allow Requests:
- Imports Use (Base Templat...): 0
- Operation: Only Read
- Enabled:
- Imports Use (Split Templat...): 1
- Use-Create Equivalence:

The table below shows the configuration for the 'NOW Import Buffer' target table:

Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do if	Table Trig...	Key	Fields	Formu...	Filter
72139624	NOW Import Buffer	0	0	list	Only Read		<input type="checkbox"/>		2	Yes	
72139624	NOW Import Buffer	2	72139624	customers	Only Read		<input type="checkbox"/>		11	No	

A new page will be opened where we can define which template operation will execute a codeunit **before** or **after** processing.

Open Entity provides four codeunits to test this functionality:

- **72139605 "NOW Run OnBefore"** (Base Template)
- **72139606 "NOW Run OnAfter"** (Base Template)
- **72139607 "NOW CT Run OnBefore"** (Custom Template)
- **72139608 "NOW CT Run OnAfter"** (Custom Template)

They are simply codeunits intended for testing purposes, to verify whether they are triggered (executed) according to the configuration we have defined.

The first two, for **Base Templates**, implement sample code to process the parameters that have been passed to them. These parameters will be explained in a later document (Developers).

Base - PMSCUSTOMERS

Run Codeunit List | + New | Edit List | Delete | More options

Action ↑	Codeunit Id. (Onbefore)	Name (Onbefore)	Codeunit Id. (Onafter)	Name (Onafter)	Max. Iterations Store(Vars)	Enab...
Export	72139605	NOW Run OnBefore	72139606	NOW Run OnAfter	90000	<input checked="" type="checkbox"/>
→ Import	72139605	NOW Run OnBefore	72139606	NOW Run OnAfter	90000	<input checked="" type="checkbox"/>
Copy-Paste						
Export						
Save-File						
Excel						
Archive						
Run Process						
Import						

FIELDS

- **Action:** the defined codeunits are executed only when this action matches.
- **Codeunit Id (OnBefore / OnAfter):** indicates which codeunit is executed and when, before or after processing the template.
- **Max Iterations Store (Vars):** controls the storage of variables that can be read and used by the codeunit. To understand this, imagine that each iteration is a complete “pass” of the template data stored in variables, for example all variables for customer1, customer2, and so on.
- **Enabled:** enables or disables the execution of the codeunit.

In **Custom Templates**, we can also execute our codeunits independently of the base template configuration.

OE Custom Template

CT-0003

Run | Automate v | Fewer options

General

Code	CT-0003	Folder	
User	TOLO.SASTRE	Enabled	<input checked="" type="checkbox"/>
Template Type	Imports	Run Codeunit	<input checked="" type="checkbox"/>
Source Template Code	PMSTEST	Ignore Run Base Codeunit	<input checked="" type="checkbox"/>
Description	Import Data Hotel	Run Codeunit	1

We access the configuration by clicking on the number in the **Run Codeunit** field.

Custom - CT-0003

Run Codeunit List | + New | Edit List | Delete | More options

Action ↑	Codeunit Id. (Onbefore)	Name (Onbefore)	Codeunit Id. (Onafter)	Name (Onafter)	Enabled
→ Import	72139607	NOW CT Run OnBefore	72139608	NOW CT Run OnAfter	<input type="checkbox"/>

The configuration is identical to that of **Base Templates**, except for the fact that they do not include the **Max. Iterations Store (Vars)** column, since no variable parameters are processed from a **Custom Template**.

The **Ignore Run Base Codeunit** field allows only the codeunits defined in the **Custom Template** to be executed, even if codeunits from its **Base Template** exist and are enabled.

If this option is not enabled, both sets of codeunits will be executed according to their execution order. First, the **Before** codeunit of the **Custom Template** is executed, then the **Before** codeunit of the **Base Template**. After the base template has finished processing, the **After** codeunit of the **Base Template** is executed, and finally the **After** codeunit of the **Custom Template**.

PASSING PARAMETERS TO THE ON AFTER CODEUNIT FROM A BASE TEMPLATE

A **Base Template** cannot generate parameters for an **OnBefore** codeunit from **variables**, since data reading has not yet started. However, it **can** store **Template Parameters** if the **Send to Codeunit** column is enabled in their section.

Name 1	Name for Users	Value	Enabled	Send to Codeunit
pDate	Date parameter	2026-01-01	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
pDate2	Date parameter 2	05-03-2026	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

For an **OnAfter** codeunit to receive values as parameters, it is sufficient to enable the **Send to Codeunit** field in the fields list of any template line. This option can only be enabled if a variable name has been defined.

In the following example, we have used the **PMSCUSTOMERS** template and enabled the **Send to Codeunit** column on the **Force** line, which is the line that saves the customer data into our extended table called **Hotel Customers**.

It is worth noting that, in this case, we have configured the **Variable Id** column solely so that the values can be passed as parameters to the codeunit.

Field ID	Field Name	Tag	Order 1	Serie No.	Get Serie When	Get From	Field Value	Mapping (Imports)	Enabled Map	Variable Id	Send to Codeunit	Formula	Con...
1	Id.		0					0	<input type="checkbox"/>	Id	<input checked="" type="checkbox"/>	vid	No
2	No.		0					0	<input type="checkbox"/>	CustCode	<input checked="" type="checkbox"/>	43000000+vCustCode	No
3	Name		0					0	<input type="checkbox"/>	Name	<input checked="" type="checkbox"/>	vGivenName vSurname vSurname2	No
4	Address		0					0	<input type="checkbox"/>	Address	<input checked="" type="checkbox"/>	vCustAddress	No
5	Post Code		0					0	<input type="checkbox"/>	PostCode	<input checked="" type="checkbox"/>	vCustPostCode	No
6	City		0					0	<input type="checkbox"/>	City	<input checked="" type="checkbox"/>	vCustCity	No
7	Country		0					0	<input type="checkbox"/>	Country	<input checked="" type="checkbox"/>	vCountryName	No
8	Country Code		0					0	<input type="checkbox"/>	Iso2	<input checked="" type="checkbox"/>	vCountryISO2	No
9	Phone		0					0	<input type="checkbox"/>	Phone	<input checked="" type="checkbox"/>	vCustPhone	No
10	E-Mail		0					0	<input type="checkbox"/>	EMail	<input checked="" type="checkbox"/>	vCustEMail	No
11	Document Type		0					0	<input type="checkbox"/>	TypeDoc	<input checked="" type="checkbox"/>	vDocTypeName	No
12	Document No.		0					0	<input type="checkbox"/>	NumberDoc	<input checked="" type="checkbox"/>	vDocumentNumber	No
13	Customer Type		0					0	<input type="checkbox"/>	TypeName	<input checked="" type="checkbox"/>	vCustTypeName	No

For this value storage functionality, it is very important that in our Open Entity configuration we have defined the **Max. Iterations Store** field with a value greater than zero in the **Run Codeunit** action of the template.

Action ↑	Codeunit Id. (Onbefore)	Name (Onbefore)	Codeunit Id. (Onafter)	Name (Onafter)	Max. Iterations Store(Vars)	Enab...
→ Export	0		72139606	NOW Run OnAfter	10000	<input checked="" type="checkbox"/>
Import	0		72139606	NOW Run OnAfter	10000	<input checked="" type="checkbox"/>

If its value is zero, the codeunit parameters (variables) will not be stored.

When the test codeunit for **Base Templates** is executed, our programmed code will display a dedicated page (**OE Context Dump**) showing all the variables and parameters stored during the data reading process that were marked with **Send to Codeunit**, limited to the number of iterations (“records”) configured in the **Max Iterations Store (Vars)** column.

Param Name ↑	Iteration No. ↑	Value
Codeunit	0	ON BEFORE
pDate	1	2026-01-01
pDate2	1	05-03-2026

Param Name ↑	Iteration No. ↑	Value
Codeunit	0	ON AFTER
aDate	1	2026-01-01
aDate2	1	05-03-2026
Address	1	AV. Bulevar Alfonso Hohenlohe, [REDACTED]
City	1	Marbella
Country	1	SPAIN
CustCode	1	430000000
EMail	1	
Id	1	0
Iso2	1	ES
Name	1	
NumberDoc	1	[REDACTED]
pDate	1	2026-01-01
pDate2	1	05-03-2026
Phone	1	
PostCode	1	29602
TypeDoc	1	National Id Document
TypeName	1	
Address	2	Complejo Mirall Balear [REDACTED]
City	2	Palma De Mallorca
Country	2	SPAIN
CustCode	2	430210024

If we do not want the parameters to be propagated to the codeunit and we want to save them in variables, we will put the parameters in the Formula column. The first two lines correspond to two template parameters that we have stored in variables in the fields of the first template line.

OE Template Base

PMSCUSTOMERS

Copy-Paste Export Data Excel Run Process Save File Archive Copy Template Rename Duplicated Tags Make Import Rule Permission Run Codeunits Vars & Formulas

Lines New Line Delete Line Use Key Clear Key Excel Header Excel Line Indent

Target Table ID	Target Table Name	Indentation	Related Table ID	Tag	Operation	Don't Do if	Table Trig...	Key	Fields	Formu...	Filter
→ 72139624	NOW Import Buffer	0		list	Only Read		<input type="checkbox"/>		2	Yes	
72139624	NOW Import Buffer	2	72139624	customers	Only Read		<input type="checkbox"/>			No	

TableData - 72139624

OE Field Lines New Edit List Delete Delete All Get & Enabled All Enabled All Disable All Check Duplicates Enabled Selected Disable Selected

Field ID	Field Name	Tag	Order ↑	Serie No.	Get Serie When	Get From	Field Value	Mapping (Imports)	Enabled Map	Variable Id	Send to Codeunit	Formula
→ 1	A	date	0					0	<input type="checkbox"/>	aDate	<input checked="" type="checkbox"/>	pDate
2	B	anotherdate	0					0	<input type="checkbox"/>	aDate2	<input checked="" type="checkbox"/>	pDate2

All related information, including the code of this codeunit, save a log of executions and the way to access the parameters, will be made available in a separate document specifically dedicated to Developers.