

GENERAL CONFIGURATION AND TENANTS

After setting up the application, the OE Setup page and the first Tenant will be automatically populated with data.

OE Setup Page

The first two actions on this page allow you to download system and demo templates from Nomadaware's public container. If this is not possible, the 'Upload Template File' option will allow us to upload them to Business Central by dragging the files from our computer (files that were previously downloaded from Nomadaware's website or received through another means). This action can be used to upload any type of template.

The screenshot shows the 'OE Setup' page with the following configuration:

- Business Central Resources:**
 - Export Resource: importEntities
 - Log Resource: importLogs
 - Template Resource: readTemplates
- External Apps Resources:**
 - Unique Entry Point: entryEntities
 - OE Resources: OE
- Company Data:**
 - My Tenant Code: NOMADSERVICES
 - Company: CRONUS ES
- App System:**
 - System Template Log...: SYSAPPLOGOPE
 - System Backup-Resto...: SYSAPPBACKUPRESTORE
 - System Export Templ...: SYSAPPEXPORTTEMPLATE
- Series & Others:**
 - Custom Template Serie: CUSTOMTEMPLATE
 - Default Viewer: Card
 - Retain external execu...:
 - Allow Deletion by We...:
 - Clean Entity Only (pr...:
 - Hide the Tenant Guid...:

The '**Business Central Resources**' section displays the names of the services or resources that the application will use for its internal actions. It is simply an informational section that cannot be edited, but its information may be useful for a developer or consultant.

The '**External Apps Resources**' section displays the available resources that external applications can use to input data (Unique Entry Point) or to read and delete data (OE Resources).

In '**Company-Data**', you will find the data of our Tenant and Company that the setup wizard should have filled out. Each company must have its own data configured on this page. If we have two different companies in our organization, the **Company** field must differentiate them for each company's setup page.

The '**App System**' section displays the templates that the application uses internally for its operations. Their names should not be changed, nor should the templates they refer to be modified without a good reason. Otherwise, there is a risk that the application may not function properly.

Series and Others

Custom Template Series: Here, we specify the series to be used for custom templates. It is advisable to create a dedicated series for these templates.

Retain External Executions: This field disables all data imports coming from the Business Central environment. It can be used to control that data sent from other companies, environments, or tenants is not added to Business Central before being checked or reviewed in the inbox.

Clean Entity Only: There is a configurable and installed process that allows for the periodic deletion of the inbox and outbox in the Business Central task queue. If this field is activated and the periodic task is running, instead of deleting the entries, it will only clean the content of the data sent or received. This allows the transaction information to be preserved while saving space in Business Central by deleting its content.

Default Viewer: The default viewer used when displaying inbox data or making requests. There are two options: Card or Grid. If no viewer is defined in the custom templates, for example, the application will refer to this field to choose the type of viewer to display the data.

Allow Deletion by Webhooks: If this field is activated and we have configured and subscribed to a webhook with an associated template group that has equivalences enabled, it will allow the actual deletion of both the records involved and their equivalences. If it is disabled, it will only mark the 'Marked for Delete' field in the equivalence list for the mentioned records.

You can see a demonstration of webhooks and this field in our YouTube tutorial: <https://youtu.be/VGfOKFDxUZ0?si=P6cN1Hj43CocqQwz>.

Hide the Tenant Guid: This field is solely for visually hiding the Business Central tenant code on the Open Entity pages.

Card View:

View - Viewer	
Search	
Tag	Value
⋮	
Vendor	
No.	20000
Name	First Up Consultants
BalanceLCY	5,627.83
VATRegistrationNo.	274863274A
⋮	
Vendor	
No.	30000
Name	Graphic Design Institute
BalanceLCY	6,619.9
VATRegistrationNo.	521478963

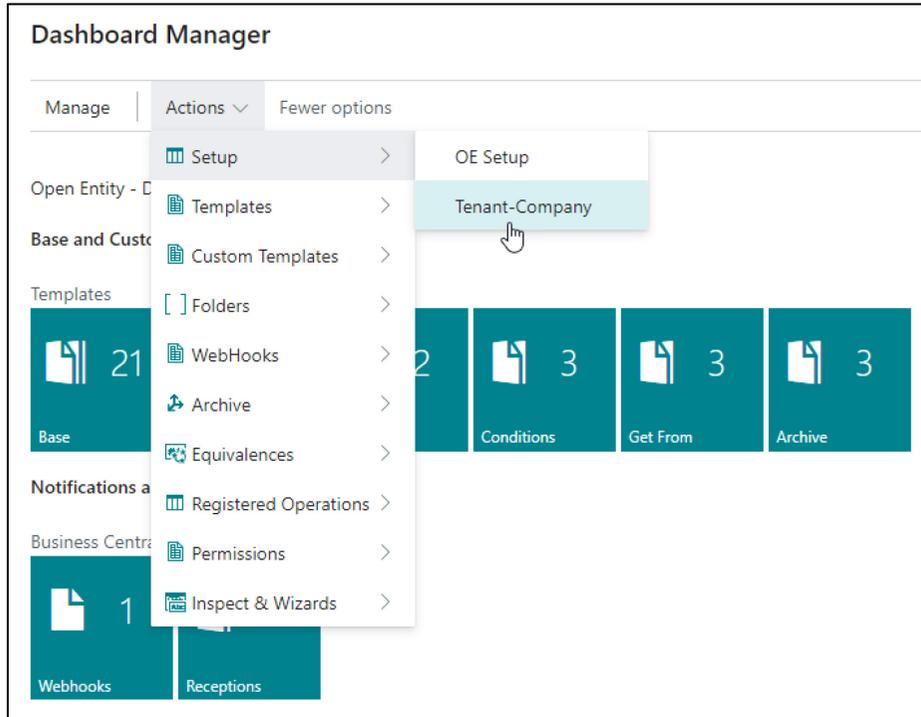
Grid View:

View - Grid Viewer				
Search				
Table	A	B	C	D
⋮				
Vendor				
	No.	Name	BalanceLCY	VATRegistration
	20000	First Up Consultants	5,627.83	274863274A
	30000	Graphic Design Institute	6,619.9	521478963
	⋮ 40000	Wide World Importers	20,871.66	197548769A

TENANTS-COMPANIES

The basic version setup will have created our own Tenant-Company(ies), however, it is possible to modify, update, or create new ones if the application is going to connect with them.

Access is available through the Manager's Dashboard.



Open Entity Tenants List:

The screenshot shows the 'OE Tenants List' table. The table has the following columns: Code, Description, Tenant-Server, Environment-Instance, Additional Info, and Companies. The data rows are as follows:

Code ↑	Description	Tenant-Server	Environment-Instance	Additional Info	Companies
NOMADSERVICES	Nomadaware Services	●●●●●●●●	OpenEntity_Demo	Optional...	2
SANDBOXDEV	Sandbox Development	●●●●●●●●	SandboxDev		2
SANDBOXDEV2	Sandbox Development 2	●●●●●●●●	SandboxDev2		2
→					0

Tenant Card:

The screenshot shows the configuration page for a tenant card named 'NOMADSERVICES'. The page is divided into several sections: General, Authentication, and Companies. The General section contains fields for Code, Environment-Instance, Description, Additional Info, Tenant-Server, and Companies. The Authentication section contains fields for Use Authentication T..., OAuth V2.0, OAuth Client ID, OAuth Client Secret, OAuth Scope, and OAuth Redirect URL. The Companies section contains a table with columns for Company Name, Company ID, and Additional Info.

OE Tenant Card

NOMADSERVICES

Obtains Current Tenant information | Check Access Token | Automate | Fewer options

General

Code: NOMADSERVICES | Environment-Instance: OpenEntity_Demo
Description: Nomadaware Services | Additional Info: Optional...
Tenant-Server: | Companies: 2

Authentication

Use Authentication T...: OAuth v2.0 | OAuth V2.0
OAuth Client ID: a3575e7d-2b84-4e82-9841-a652
OAuth Client Secret:
OAuth Scope: https://api.businesscentral.dynar
OAuth Redirect URL: https://businesscentral.dynamics.

Companies

New Line | Delete Line | Get Companies

Company Name ↑	Company ID	Additional Info
→ CRONUS ES	3967b449-5ae6-ee11-a201-6045bdacc8c3	
Nomadaware Manufacturing	1154d256-b9fa-ee11-a1fd-000d3a665f44	

Templates >

The **Tenant Card** consists of four sections. The **General** and **Authentication** sections contain the necessary connection data. The key fields are 'Tenant-Server', 'Environment-Instance', and the other OAuth authentication fields.

The default fields we configure, '**OAuth Scope**' <https://api.businesscentral.dynamics.com/.default> and '**Redirect URL**' <https://businesscentral.dynamics.com/OAuthLanding.htm> are those set up in our Microsoft Entra (in Azure).

If in your case they are different, you should change them accordingly.

The **Companies** and **Templates** sections contain the companies of the Tenant-Environment (Tenant Server and Environment-Instance) and the existing templates for each company.

The **Get Companies** action in the **Companies** section will automatically save the companies that belong to the tenant.

And the **Get Templates** action retrieves the templates for the company where the cursor is positioned in the previous section, as long as the **Enabled** field is activated.

The Tenant's main card has two actions:

The '**Obtains Current Tenant Information**' action button will automatically fill in the Tenant ID (Tenant-Server field) and the current environment (Environment-Instance field) for the Business Central instance we are in.

The '**Check Access Token**' action allows us to verify if the general data in combination with the authentication data, will allow a connection by obtaining an Access Token.

If the message indicates that it cannot access a Token, you should check if the created parameters are correct (e.g., spelling errors, etc.).

The screenshot displays the 'OE Tenant Card' for 'NOMADSERVICES'. The top bar includes a back arrow, the title 'OE Tenant Card', and icons for edit, share, add, and delete. The main title is 'NOMADSERVICES'. Below the title, there are two action buttons: 'Obtains Current Tenant information' and 'Check Access Token' (highlighted with a red box). To the right of these buttons are 'Automate' and 'Fewer options'.

The 'General' section contains several fields: 'Code' (NOMADSERVICES), 'Environment-Instance' (OpenEntry_Demo), 'Description' (Nomadaware Services), 'Additional Info' (Optional...), and 'Tenant-Server' (masked with dots). The 'Companies' field shows a count of 2.

The 'Authentication' section is currently collapsed.

The 'Companies' section has three action buttons: 'New Line', 'Delete Line', and 'Get Companies' (highlighted with a red box). Below this is a table with columns 'Company Name ↑', 'Company ID', and 'Additional Info'. The table contains two rows:

Company Name ↑	Company ID	Additional Info
→ CRONUS ES	3967b449-5ae6-ee11-a201-6045bdacc8c3	
Nomadaware Manufacturing	1154d256-b9fa-ee11-a1fd-000d3a665f44	

The 'Templates' section has three action buttons: 'New Line', 'Delete Line', and 'Get Templates' (highlighted with a red box). Below this is a table with columns 'Company Template ↑' and 'Description'. The table contains four rows:

Company Template ↑	Description
CREATEPURCHORDER	Make Purch. Order from Template SALESORDERTOVEDOR
CUSTDOCSALES	Customer Document Sales
CUSTEXPORTEQ	Customer Export to other company
CUSTNEWDISCOUNTS	Increment discount to a customer

IMPORTANT: If multiple Tenant cards are configured in different Business Central environments or in other companies within the same environment, it is crucial that for identical Tenants, their **CODES MATCH** across all instances.