Exsion 365

Make software work for you.
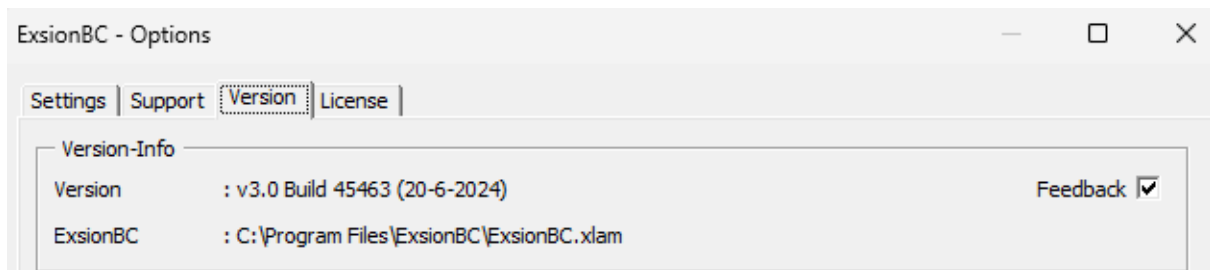
Exsion Reporting

Multi environment help

The Multi environment solution within Exsion is currently still available in Beta version where we are constantly improving the software. Keep in mind that we currently work in a Multi Environment (multiple companies within the same connection) and not yet via a multi-tenant (multiple Business Central connections).

For a Multi Environment to work, a number of settings are needed on the Business Central side and on the Exsion side.

Within Business Central, you need at least the following version:

Name ↑	Publisher	Version	Is Inst...	Published As
Exsion Reporting	HB Software	v. 18.0.45362.0	☑	Global

Within ExsionBC you need at least the following version:

ExsionBC - Options

Settings | Support | Version | License

Version-Info
Version   : v3.0 Build 45463 (20-6-2024)   Feedback ☑
ExsionBC   : C:\Program Files\ExsionBC\ExsionBC.xlam

To be able to use the Multi environment function, a user needs the same rights in all environments and companies. When this is not the case, it may not be possible for the user to use the refresh data button.

To use the multi-environment setting, all companies (including those that others do not have access to, due to rights) must have unique names. If there are two companies with the same name, it is not possible to use ExsionBC functions.

Exsion does not know which environment is being looked at when retrieving Data and will add everything up in a total amount for the companies with the same name. If this is the case, the Show Details feature will not work either. This applies to the company names in the first column in the image below.
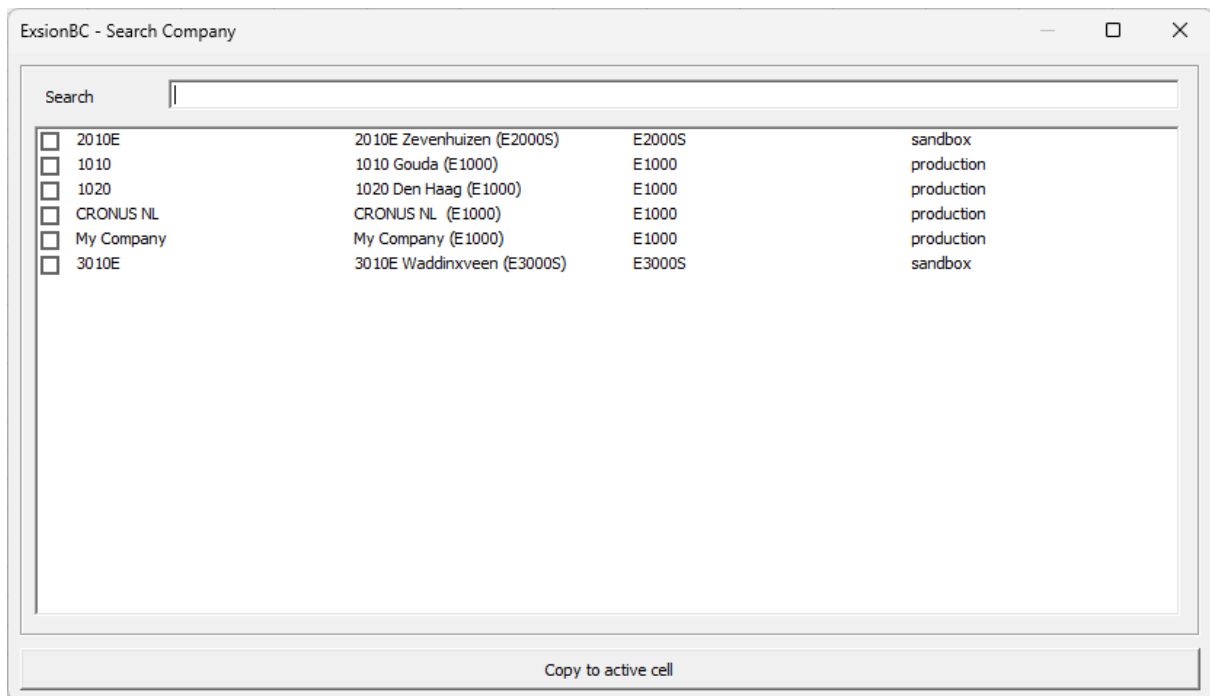
Also, all extensions must have the same tables and fields. If this is not the case, it is not possible to use multiple companies from different extensions in one download.

Here are the preconditions:
- Company names must be unique (left column image above)
- Exsion must be installed on all environments on the Business Central side.
- Rights must be the same across all environments/companies.
- Extensions must have the same tables and fields.

When all these settings are correct, a connection is possible to work via Multi environment.
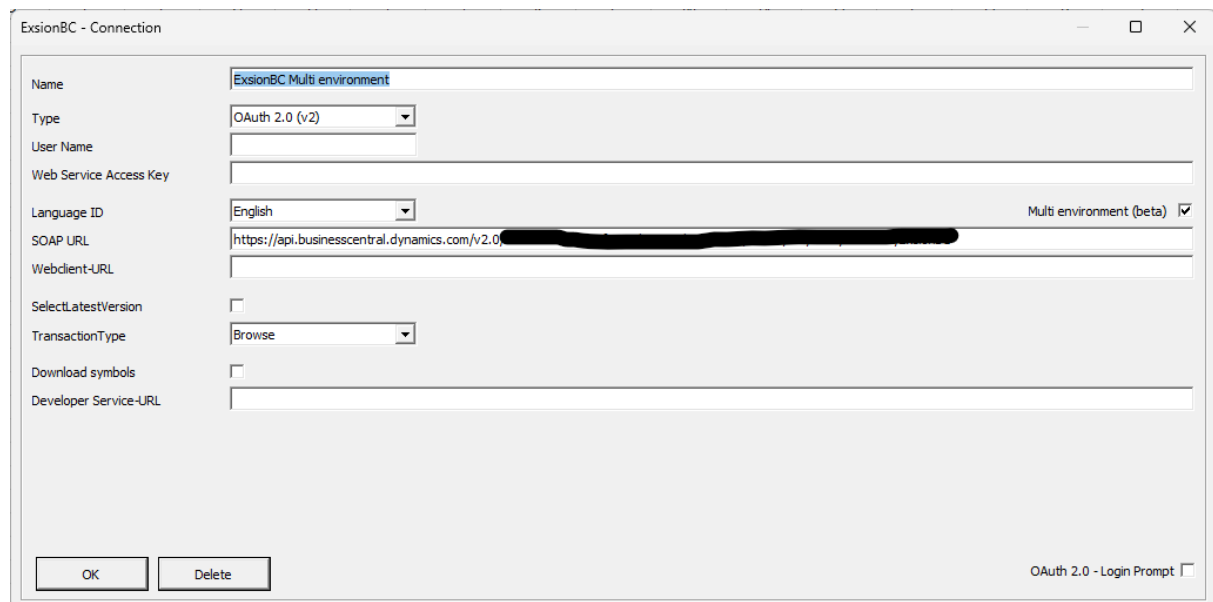
To enable Multi Environment in Exsion, make sure that the Multi environment checkbox is checked next to the connection. To do this, click on the "Connection" button.

Select the appropriate connection from the list.
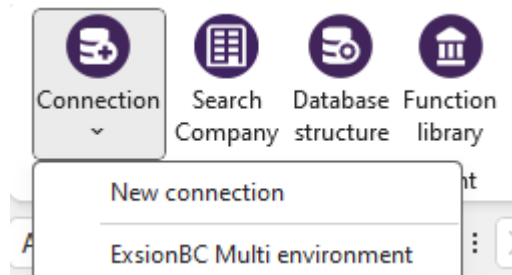
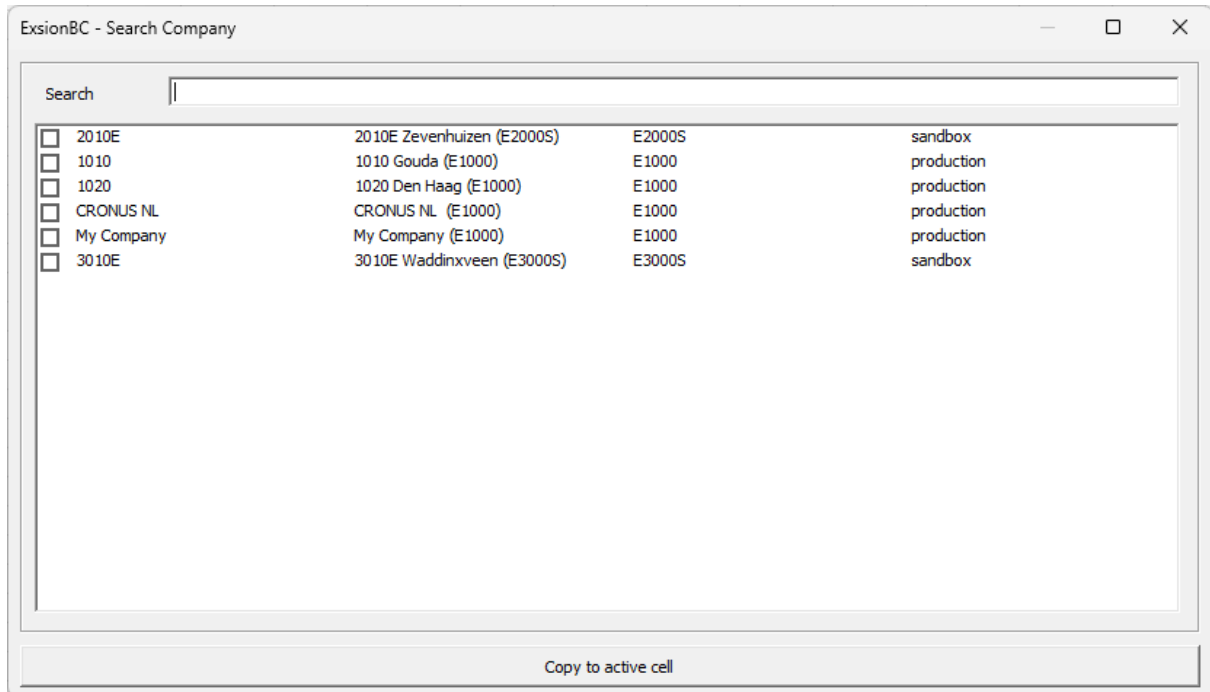Once you have clicked on it, the connection screen will open.

On the connection map, tick the box "Multi Environment".

Then, in ExsionBC, press "Search Company"

Connection: ExsionBC Multi environment   Operational

When you have pressed this, the following screen opens:

The left column shows the name of the environment. Which is necessary for filtering (as mentioned earlier, these names must be unique).

To the right of this, you will see the names of the company as it appears in Business Central.

Next, you will see the Extension Number that will tell you which extension this is, and then you will also see what type of environment the connection is. (Sandbox= test environment, Production = production environment)

When you make a download, you can use the company numbers (and sometimes names) to filter by the company in question. If there are multiple companies, this can be done by clicking on several checkmarks.

Within Business Central you have the possibility to switch between different companies. To do this, you can use the key combination "Ctrl+O". As soon as you press this, a ribbon will appear on the right side with all the entities.
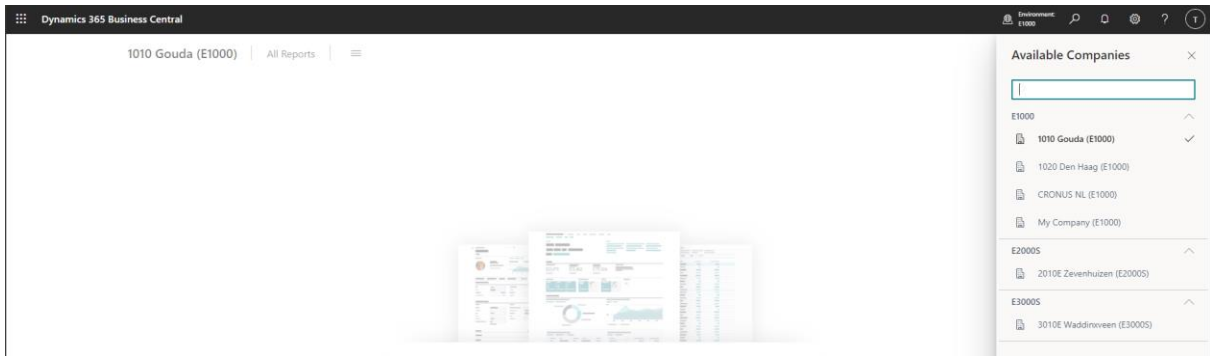
To switch to another company, you can click on the company and then on "Switch"
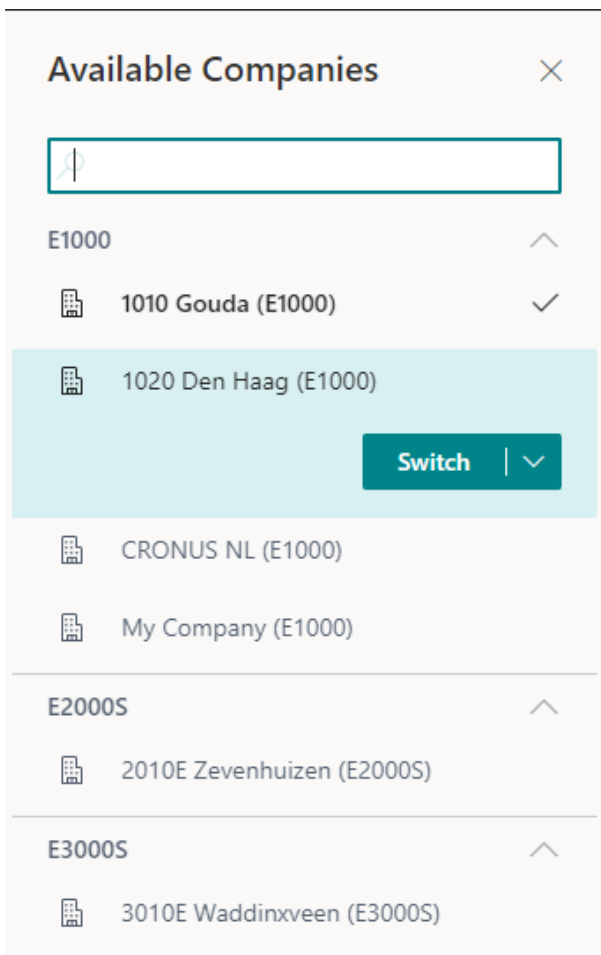
Once you have clicked on this, Business Central will send you to the correct company. If you do not have access to a company, it will not appear in this list.

In the following example, you use a simple download to retrieve multiple data from different companies.

You want to retrieve the different currency code and its description, from several different environments. You have placed a filter on a currency code to make the list clear, in this example "FJD". The download will then look like this:

CURRENCY						3.0
Connection *				TABLE		
Table	4					
JOIN TYPE	1 FILTER	HIDE	SORT	METHOD	EXPRESSION	
Company	-2	TRUE				
Code	1					
Description	15					

Normally, the "Hide" option is next to the line Company WHERE is entered. To be able to keep an overview of the different companies and data that is being retrieved, we recommend removing hide WHERE and then the download will look like this:

CURRENCY						3.0
Connection *				TABLE		
Table	4					
JOIN TYPE	1 FILTER	HIDE	SORT	METHOD	EXPRESSION	
Company	-2					
Code	1 FJD					
Description	15					

Now select the cell in which you can filter for a certain company and open the choice to search for a company. By selecting multiple companies, these appear as a filter in the report.

	CURRENCY							3.0
Connection	*					TABLE		
Table	4							
JOIN TYPE	1	FILTER	HIDE	SORT		METHOD	EXPRESSION	
Company	-2	2010E|1010|1020|3010E						
Code	1	FJD						
Description	15							

It is important to select the companies. When you try to use the * icon, the download does not work.

Finally, press refresh data, and you will be presented with the following data:

Company	Code	Description
1010	FJD	Fiji-dollar (E1000/1010)
1020	FJD	Fiji-dollar
2010E	FJD	Fiji-dollar
3010E	FJD	Fiji-dollar

Here you can see that in all four companies the currency code Fiji dollar is entered and visible.