

Exsion Reporting

Helptext Multi environment



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The Multi environment solution within ExsionBC is currently made available at the download link 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:

Installed Extensions 🔖

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

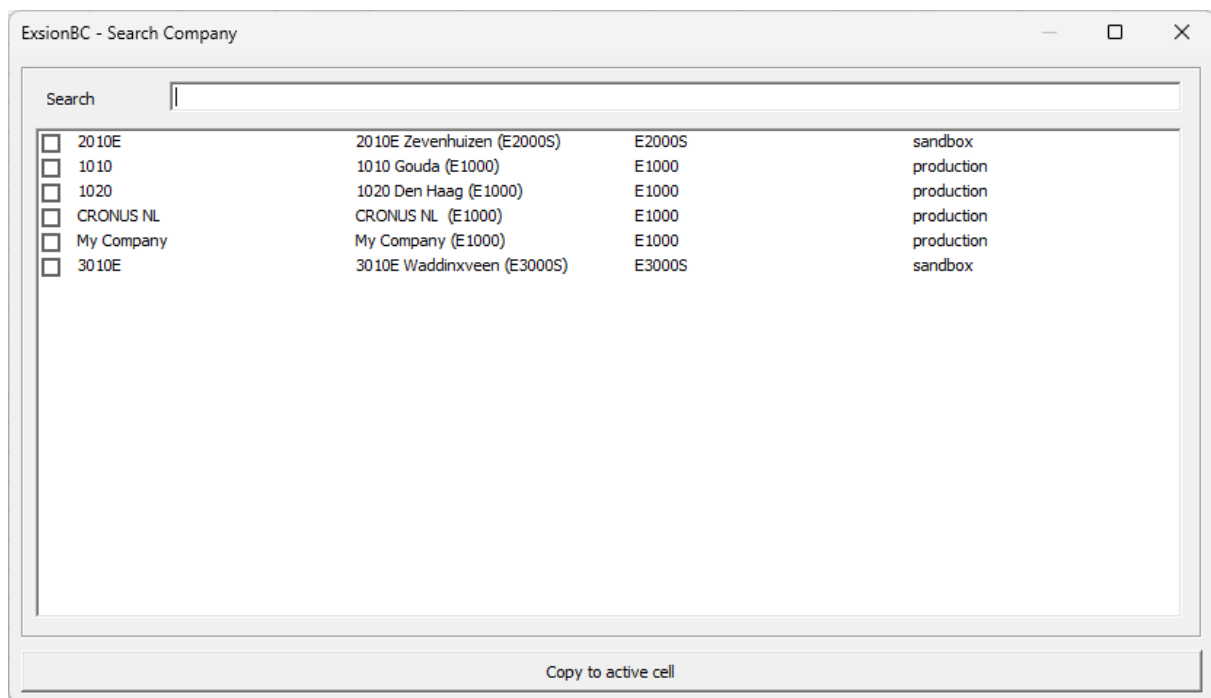
Version-Info

Version	: v3.0 Build 45660 (3-1-2025)	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:

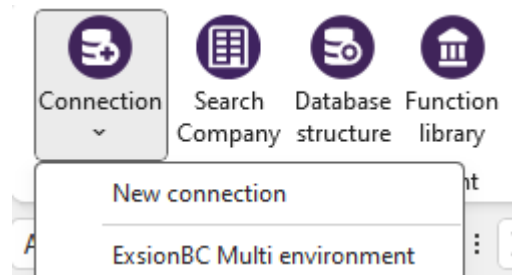
- Company names must be unique (left column image above)
- Exsion must be installed on all environments on the Business Central side.
- Rights must be the same across all environments/companies.
- Extensions must have the same tables and fields.

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.

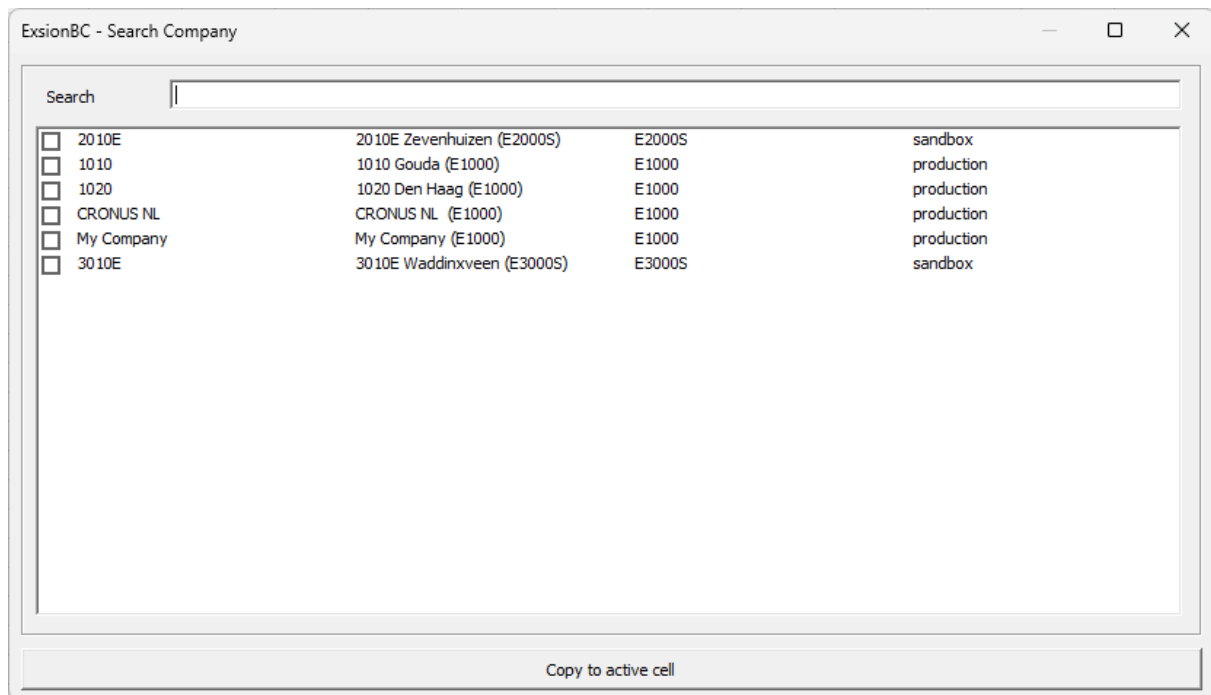
The screenshot shows the 'ExsionBC - Connection' dialog box. It contains the following fields and checkboxes:

- Name: ExsionBC Multi Environment
- Type: OAuth 2.0 (v2)
- User Name:
- Web Service Access Key:
- Language ID: Nederlands
- SOAP URL: https://api.businesscentral.dynamics.com/v2.0/..
- Webclient-URL:
- Multi environment: ☒
- Environment filter:
- SelectLatestVersion: ☐
- TransactionType: Browse
- Download symbols: ☐
- Developer Service-URL:

At the bottom, there are 'OK' and 'Delete' buttons. In the bottom right corner, there is a checkbox labeled 'OAuth 2.0 - Login Prompt'.

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

Using the environment filter, you can choose to retrieve data only from the companies that are in a particular environment.

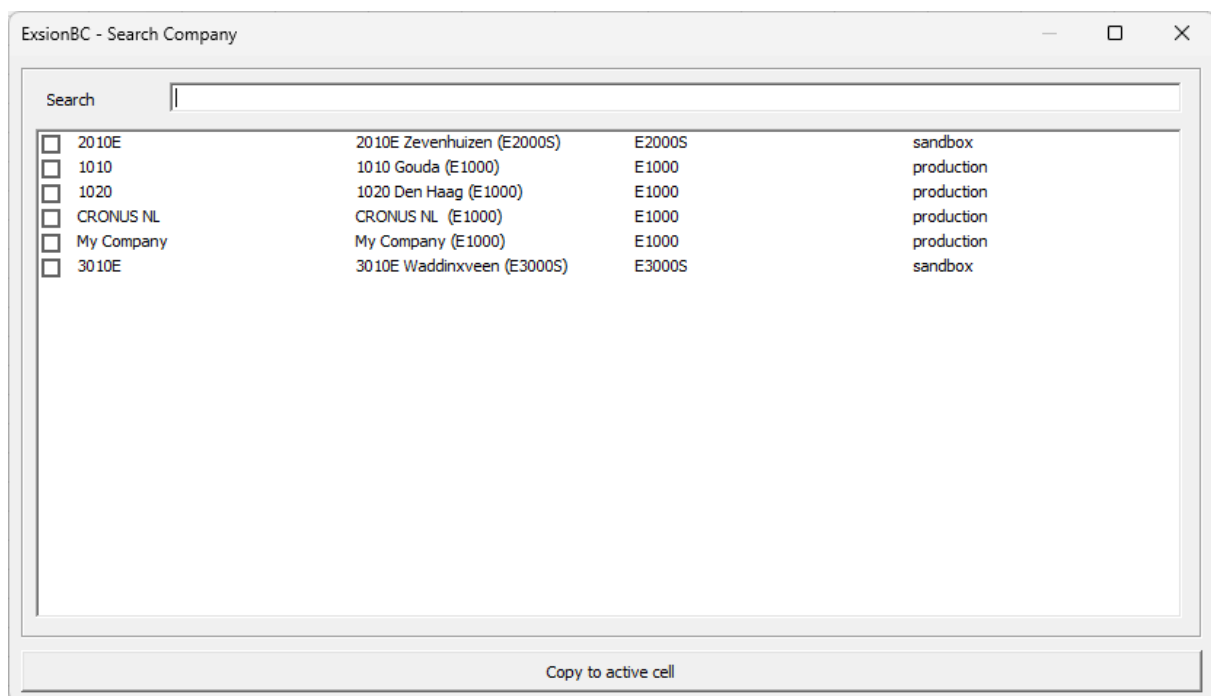


This filter works on the names shown in column 3. For example, you can filter on 1 environment (e.g. enter E1000 in the filter) or on several using the default filter options (e.g. E1000|E2000S)."

Then, in ExsionBC, press "Search Company"



When you have pressed this, the following screen opens:



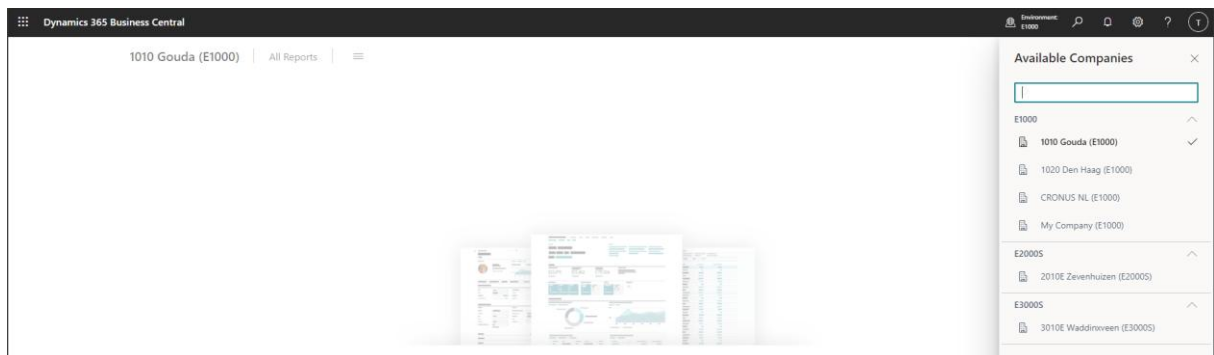
The left column shows the name of the environment. Which is necessary for filtering (as mentioned earlier, these names must be unique).

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

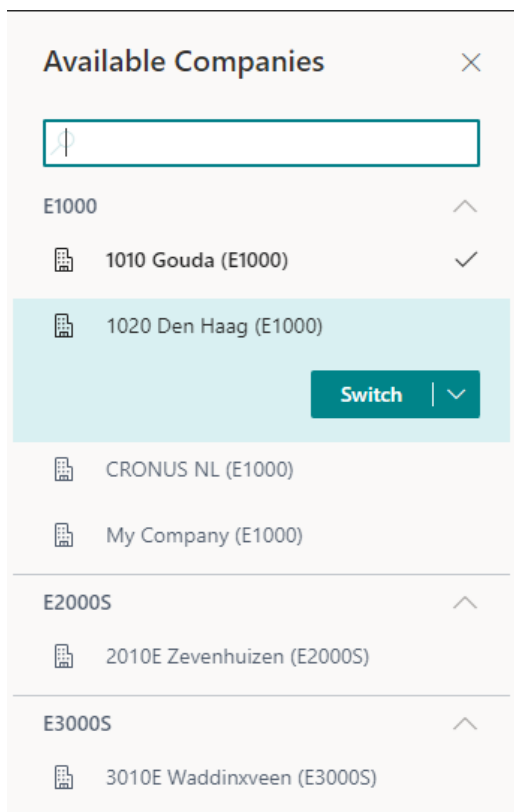
Next, you will see the Extension Number that will tell you which extension this is, and then you will also see what type of environment the connection is. (Sandbox= test environment, Production = production environment)

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.

CURRENCY3.0

Connection *

TABLE

Table4

JOIN TYPE1 FILTERHIDESORTMETHODEXPRESSION

Company-2

Code1 FJD

Description15

ExsionBC - Search Company

Search

☒

20 10E2010E Zevenhuizen (E2000S)E2000Ssandbox

☒

10 101010 Gouda (E1000)E1000production

☒

10 201020 Den Haag (E1000)E1000production

☐

CRONUS NL (E1000)E1000production

☐

My Company (E1000)E1000production

☒

30 10E3010E Waddinxveen (E3000S)E3000Ssandbox

Copy to active cell

CURRENCY3.0					
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.