

# DYNAMICS 365 FINANCE AND OPERATIONS FUNCTIONS

**LogTrade**  
2021-01-29

## 1. General

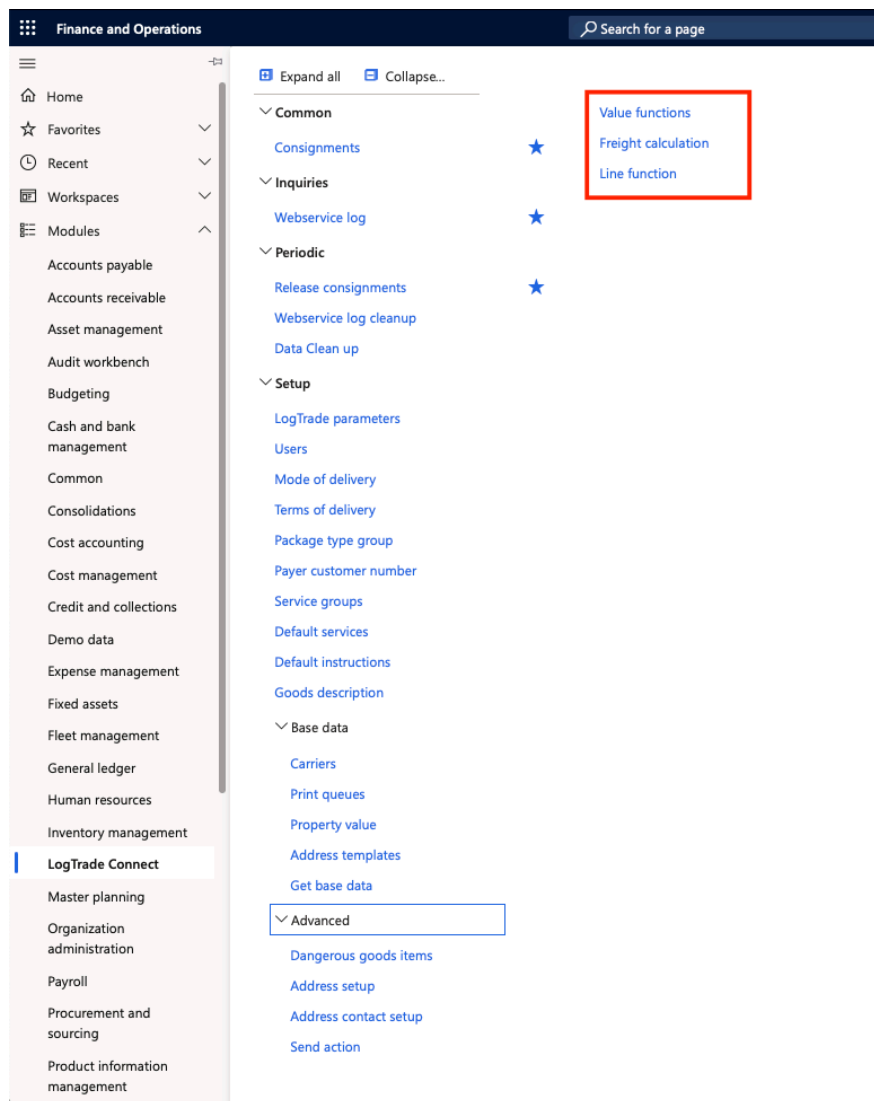
In the LogTrade Connect module there are some places where functions are used. These various functions are written based on small frameworks, so if you need to have your own functions, you or your partner can write these.

The frameworks available are:

- Line creation functions – How package lines can be created
- Freight functions – How freight cost is handled and implemented on the sales order
- Value functions – Small functions that are used on various places to define values. For example, default services property values.

If you do implement your own functions, in order to use them in the system, you must open the functions form, and initialize the list (Sometimes the initialization is done automatically.)

This will fill in a table on available functions, and also has the ability to disable a function, if you don't want to use them.



### 1.1. Line creation functions

To create your own Line creation function, create a new class, and extend the class LTXAutocreateLine

At a minimum you should overwrite the following methods:

- AutocreateLineFunctionId  
Identification of the function
- Description (description)  
Description of the function
- Run  
Logic for the function

Look at LTXAutocreateLine\_AutoCreate for examples.

### 1.2. Freight functions

To create your own Freight cost calculation logic, create a new class and extend LTCFreightCostCalc  
At a minimum you should overwrite the following methods:

- FreightCalulationId  
Identification of the function
- Description  
Description of the function
- Calc  
Logic for the function

Look at LTCFreightCostCalc\_LogTrade for examples.

### 1.3. Value functions

To create your own value functions, create a new class and extend LTCPropertyValueBase  
At a minimum you should overwrite the following methods:

- Description  
Description of the function
- getValuePreview  
Return the value to be displayed in setup routines (Sometimes we can't return a value here if the logic requires a consignment record). In those case's you can return "---"
- getValueShipment  
return value from the function when a consignment record is present. Here is the main logic for the function.

Look at LTCPropertyValue\_SalesTable for examples.