Advanced object feature with attributes (from software v1.34)

What is new?
An extension has been added to the previously existing object entry, which gives the possibility to assign attributes to objects.
This means that direct entry of objects, object codes and attributes is now possible via the MyLocator3 desktop app. Furthermore, the possibility to import Trimble® .fxl files has been created.

Procedure:

1. Connect the vLoc3 RTK-Pro receiver to your PC using the USB cable provided.
2. Turn on the receiver.
3. Open the MyLocator3 Desktop App and click on "Object feature" in the left menu bar (see Figure 1).
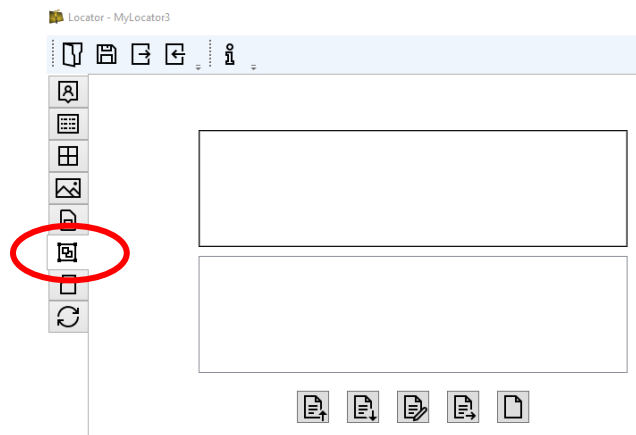
(figure 1)

Note: All information about each button is displayed when you move the mouse cursor over the buttons.

1. To import an already existing object lists in the formats .xlsx, .fxl, .xml, .txt or .vxj please click on the left button <1> and select the corresponding file.
2. For later export, please click the button <2>
3. To edit or create the data, please click on the button <3>.
4. Transferring the data to the receiver, click on button <4>.
5. To delete the record, click on button <5>
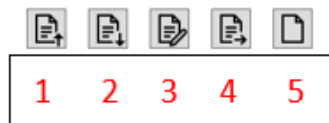
Create a data set:

Important: Always export and save the data set before saving it on the receiver or closing MyLocator3!

1. As described in the previous section, click in the MyLocator3 app on the menu item "object feature" and then on the button "edit".
2. The following screen appears first, in which the characteristics, i.e. objects and, if necessary, their code can be entered. If you have already created a list, you can import it beforehand, and the names or codes will be displayed directly.
   If you have not yet created a list, you can enter the object names and codes simply by clicking on the fields under "Name" or "Code".
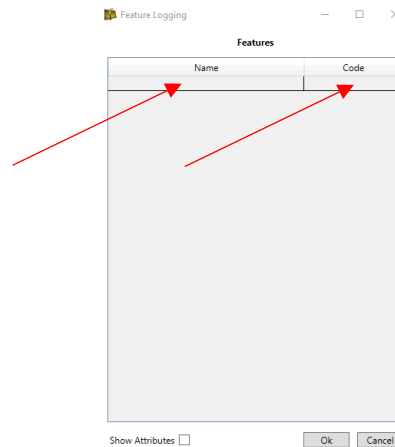
3. If you want to move the names or codes, click, and hold the respective field and drag it to the desired position. Deleting fields is done with the "Del" key. Press "Enter" to open the next line.
4. Click "OK" to close the input mask.
5. Export and save your input now!
6. After successful saving, transfer the data to the vLoc3 RTK-Pro receiver.
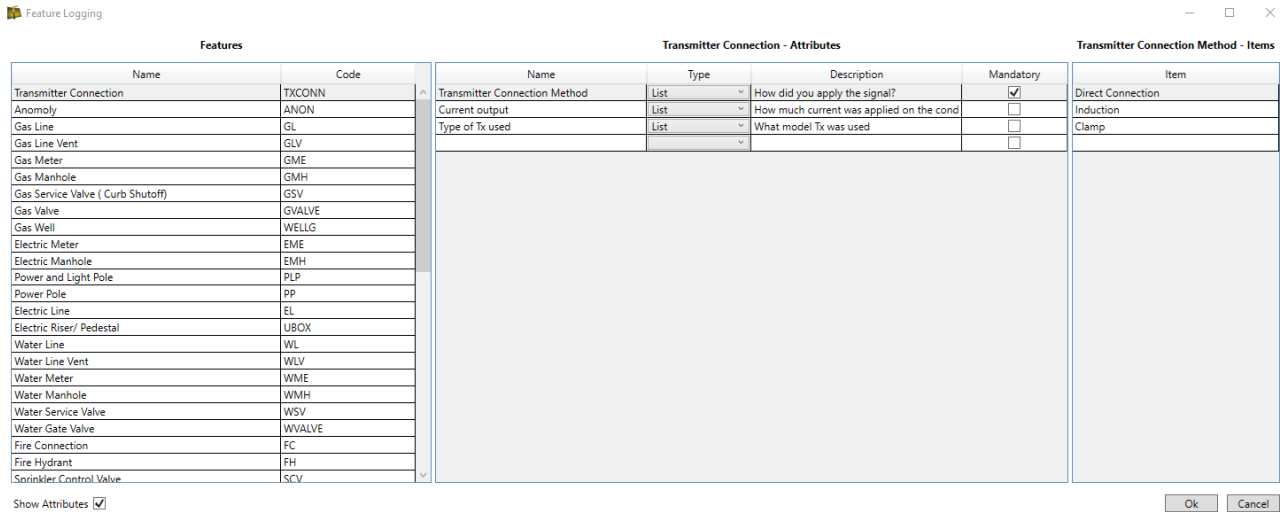7. Switch the receiver off and on again.

5. Export and save

6. Transfer data to the receiver
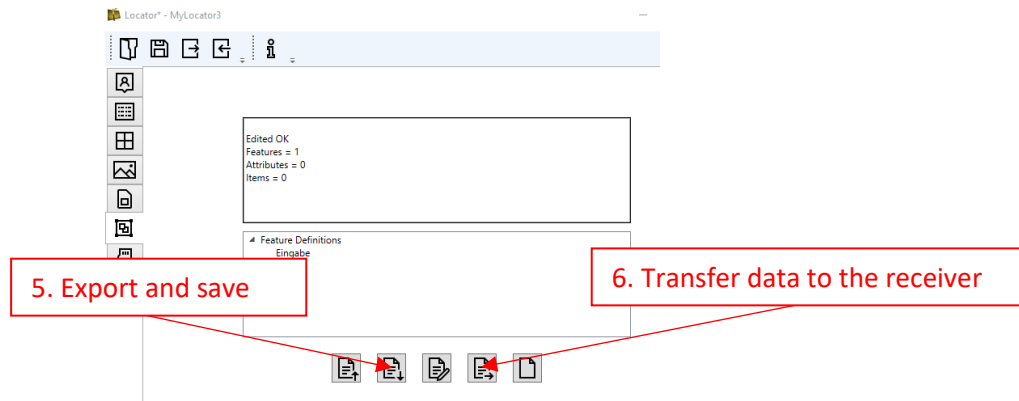
With this you have created and transferred a simple object list with codes.

Assigning attributes to individual features

After you have created the list with the individual features, one or more attributes can also be assigned to it.

Example:

In the example shown, the previously entered feature names or codes are displayed under the heading "Features".

The "Transmitter connection - Attributes" item shows the attributes assigned to the feature "Transmitter connection".

Under the item "Transmitter Connection Method - Items" the answers to the attribute "Transmitter Connection" are given.

The fields can all be freely filled or moved.

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Procedure:

1. Import or open your object list.
2. Check the "Show Attributes" option under the feature list.
3. Select the feature you want to give attributes to by clicking on it.
   In the example, the feature "Electric line" is used.
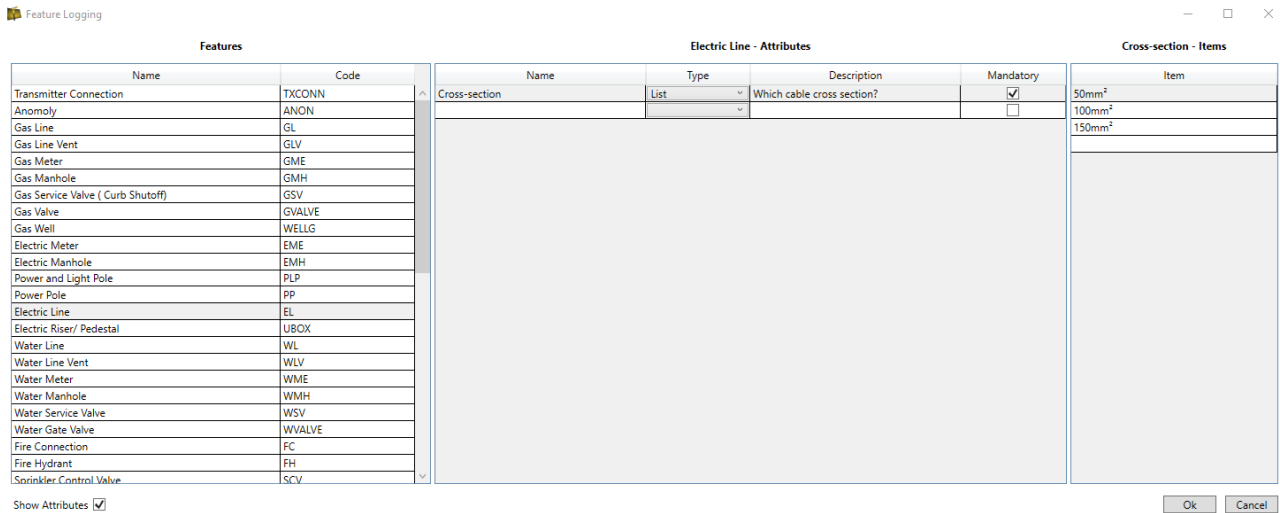
Input fields under "Electric Line - Attributes" and "Cross Section - Items":

a. **Name:**   In the example image: "Cross section" the name of the attribute is specified here.
                 The heading, so to speak.

b. **Type:**   This specifies whether the attribute is specified as a word, or as a barcode.

c. **Description:**   Here the "question" for the attribute can be asked.
                 In this example: "Which cable cross-section?"

d. **Mandatory:**   If the checkmark is set, this is a mandatory field. This means that the user in the field must necessarily answer the previously asked question in order to get to the next screen on the receiver.

e. **Item:**   These fields can contain the respective answers to the question.
                 In this example: 50mm², 100mm², etc.

In the same way, attributes can be assigned to all other features.

When you have assigned attributes to all objects, click "OK".

Important: Now export and save the file!
The export file ending will be: .vxj. This data format can be used only with the MyLocator3 desktop app.

After saving, transfer the file to the vLoc3 RTK-Pro receiver as described above.

The receiver display then shows the query as follows:

1. Long press on the "i" key
2. Select "Save object"
3. Press the "f" key and select the desired object:

4. Then select the respective attribute.
   In the example, there is a "*" behind "Cross-section". This means that this is a mandatory field, and the user must answer the question.
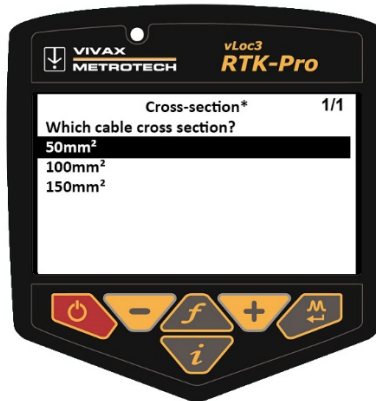
5. In the export, it looks like this:

   a. Extract from Excel file:

AS	AT	AU	AV
ments	feature code	feature description	cross-section
	EL	Electric Line	50mm²
	EL	Electric Line	50mm²
	EL	Electric Line	50mm²

b.   In the VMMap cloud (click on the desired item and open "Feature Info")

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