CABLEMANAGER

NEWS DOCUMENT VERSION 8

Overview of cables and cable ways – from design phase to service & maintenance

This document is a quick walk through the new functions in Cablemanager version 8.

Developed by PCSCHEMATIC A/S

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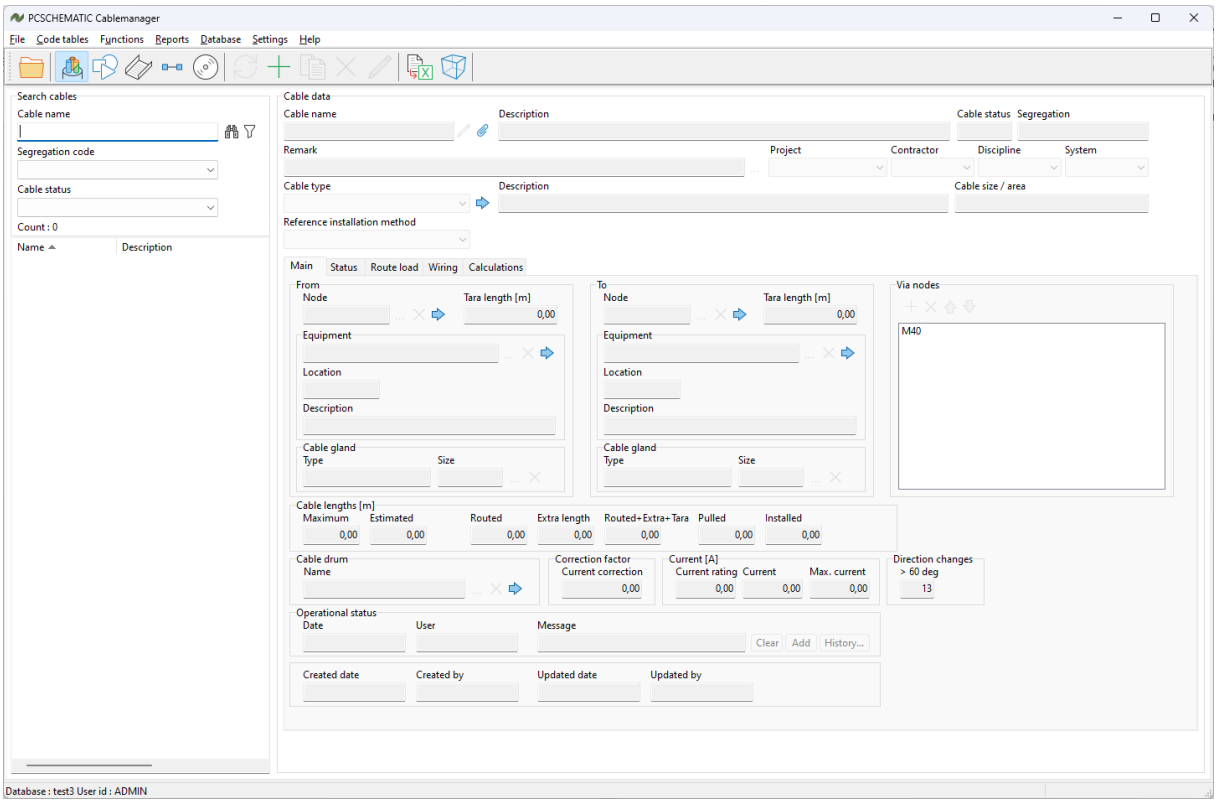
NEW LOOK AND OTHER SMALLER UPDATES

Ver 8 has got new icons, and icons come from the same design line as we have in ourt Automation program. [i]

You can see the icons below.



DWG setup

DWG setup has been updated to newest released version 22.x, which is the same version that is included with our Automation software.

If you had installed a newer version of it before installing Cablemanager, you would get an error message during installation. The function was ok, though.

SQL-server

We now support Microsoft's OLE DB driver for SQL server.[ii]

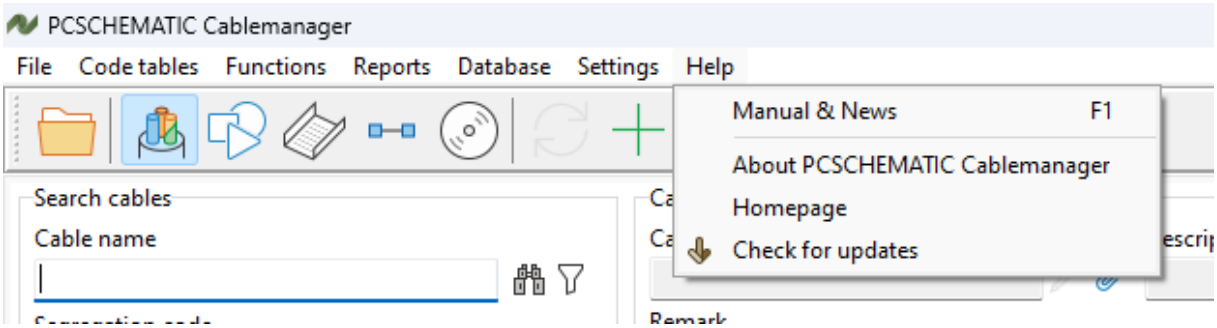
PCS License Server

PCS License has been updated to latest version.[iii]

The new license will also show expire dates in the License Manager. [iv]

Help menu has been changed [v]

According to the new design, we have also changed the Help menu, so that it directs the user to our website instead of local documents. [vi]



Manuals and News

- Links to the relevant page on our website
- Manuals and news are found here. The solution allows us to update the manuals quickly.

About PCSCHEMATIC Cablemanager

- Shows version number

Homepage

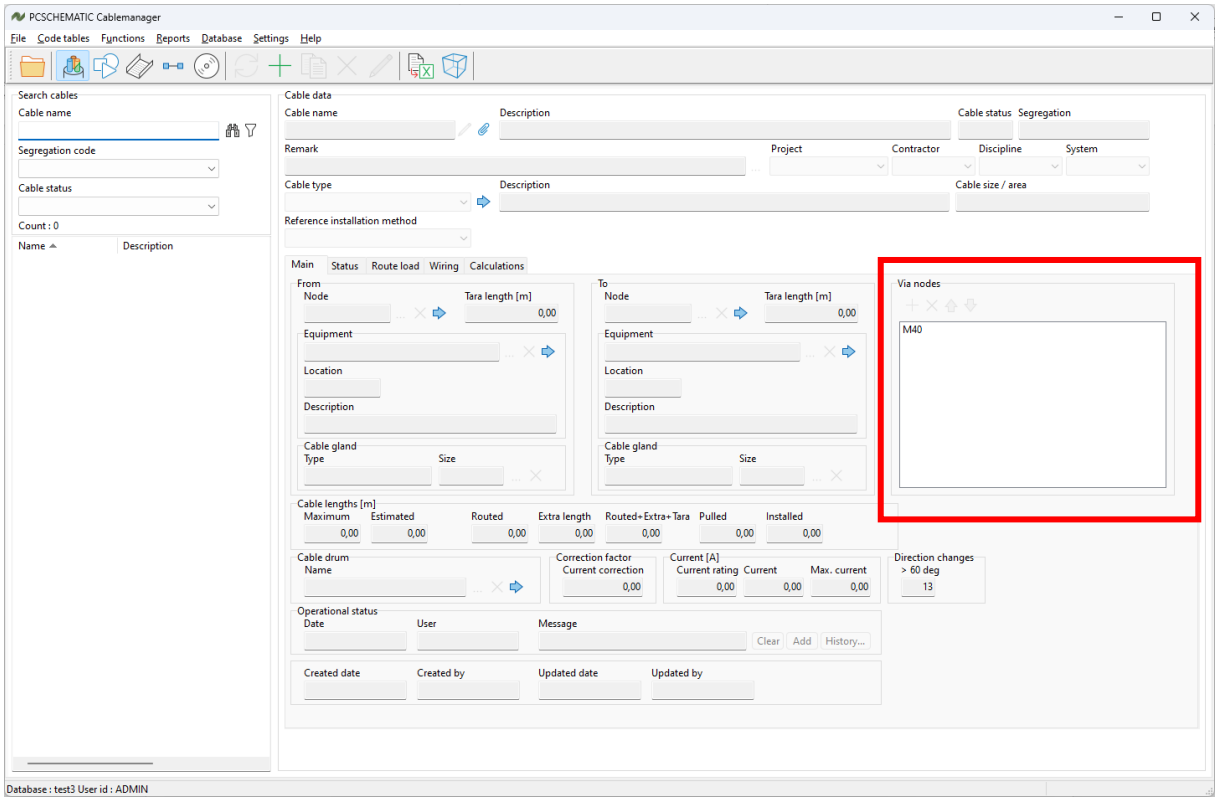
- Goes directly to our website

Check for updates

- Searches for updates

Via nodes is wider [vii]

The window in which you can see via-nodes has become wider. A lot of users have very long node names, and the window didn't have space for them earlier.



There was an error in the previous version where via-nodes weren't respected with batch route. This has been corrected.[viii]

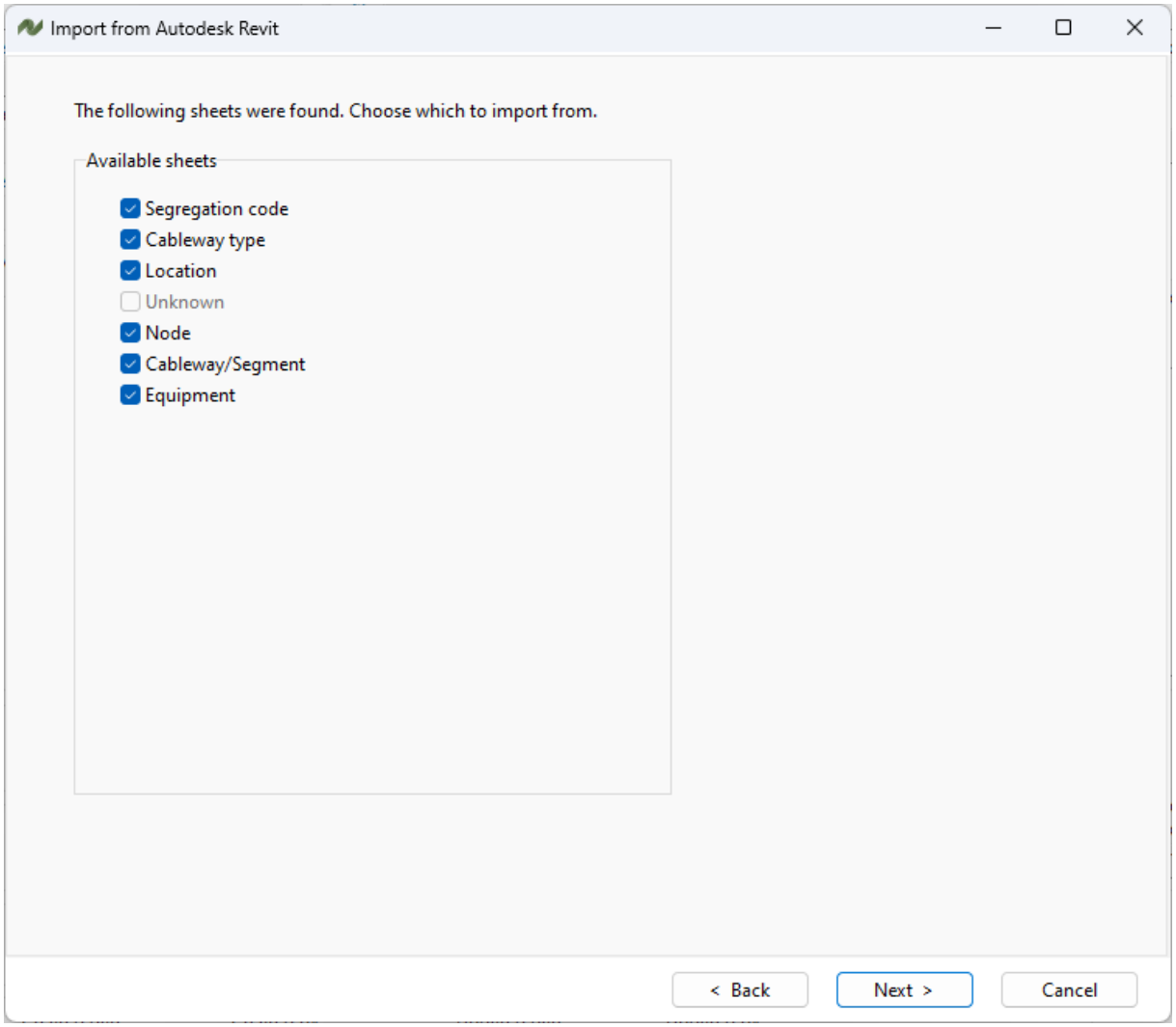
Other smaller updates

Some dialogs were not fully 4K ready. This should also be changed in this version. [ix]

IMPORT FUNCTIONS

It is possible to import Equipment from Revit

When you import data from Revit, you can also import Equipment from this version. If it is included in the Revit project.



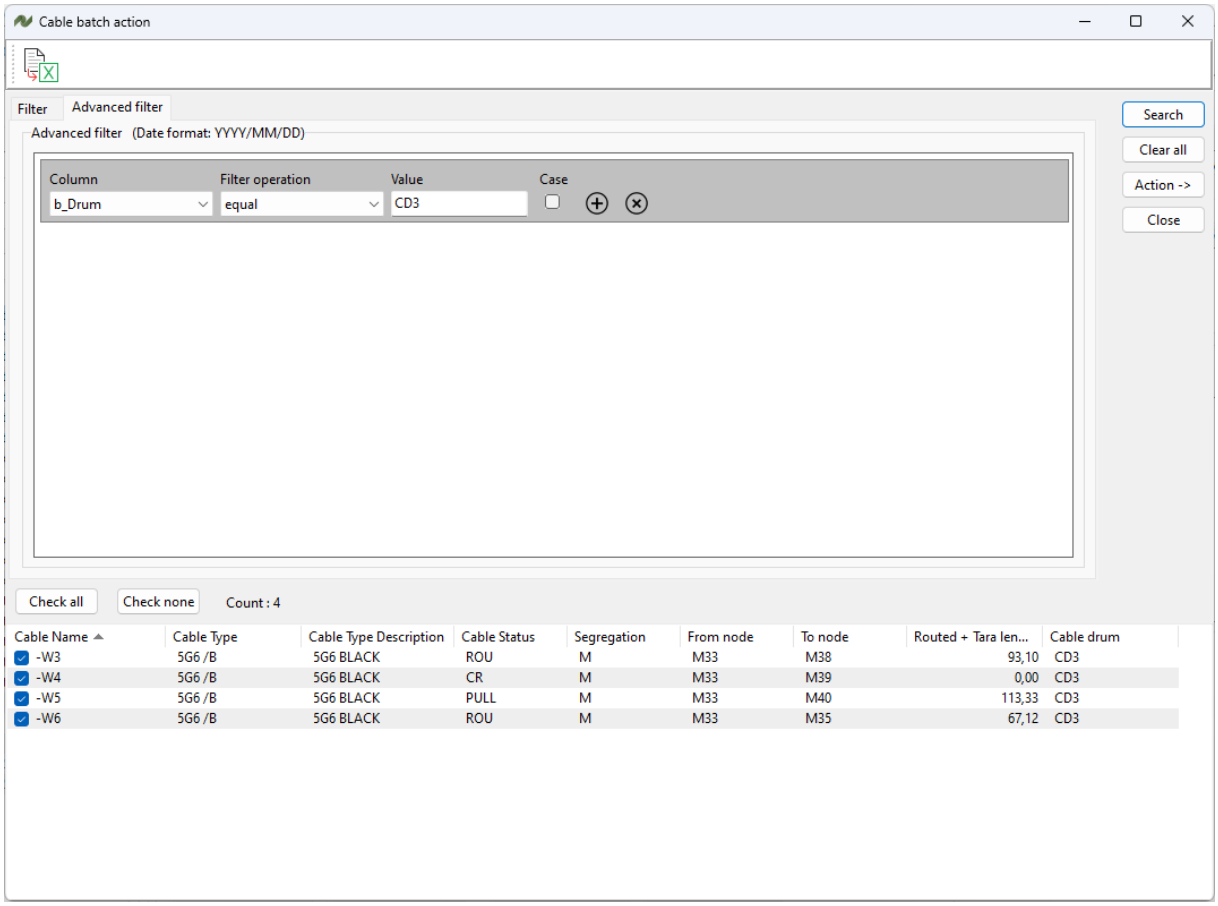
REPORT FUNCTIONS

There are always a lot of wishes for new report functions.

So most versions come with new functions in this area.

You can search for cables on specific cable drums[x]

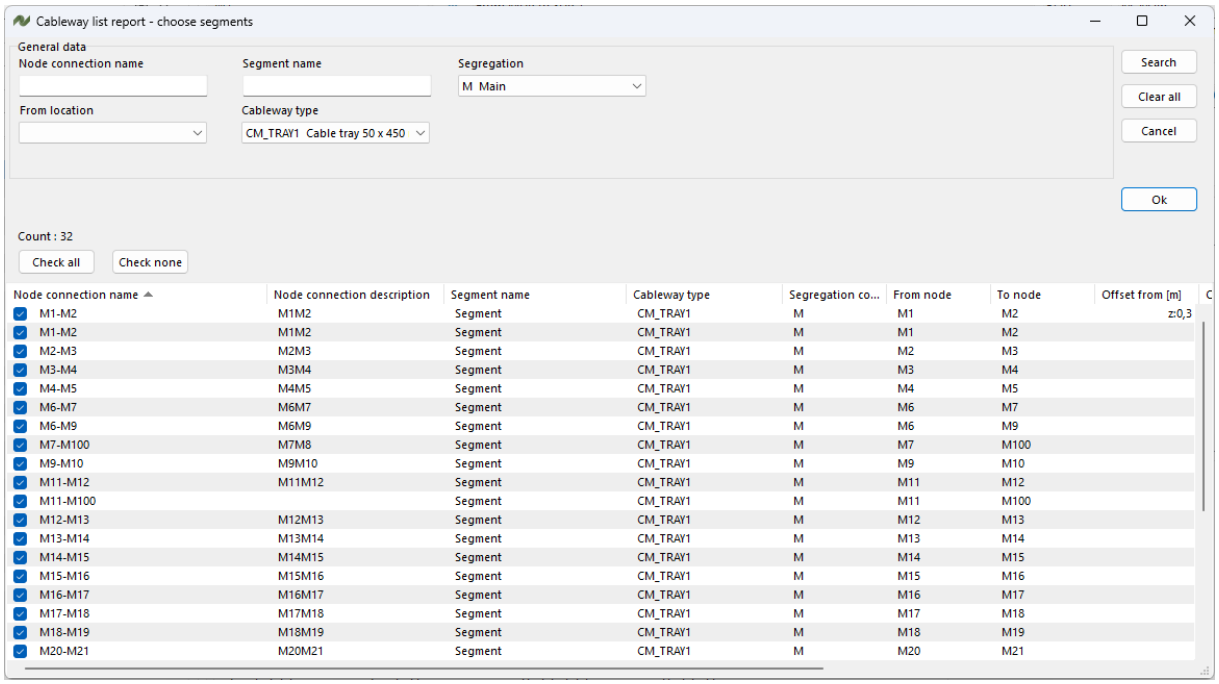
In Cable batch action, you can find cables from specific drums when using the Advanced filter:



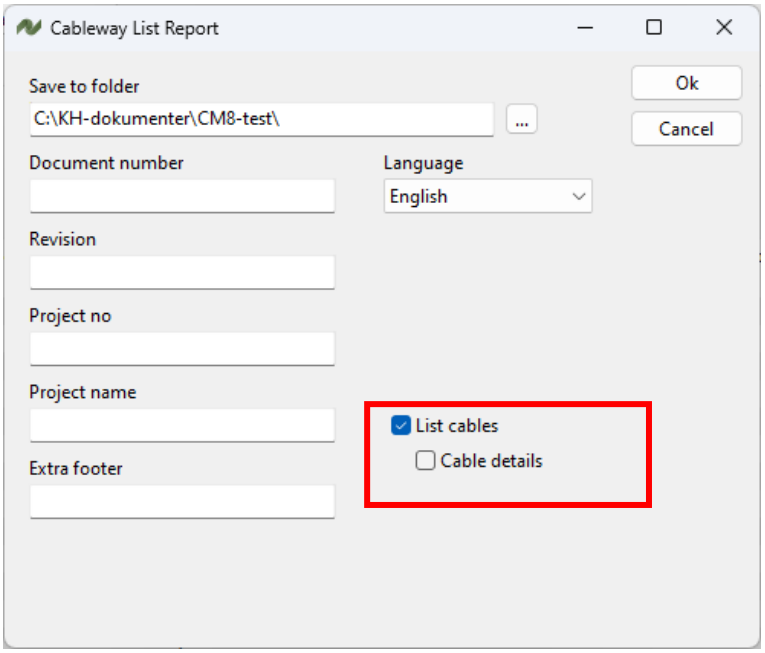
Segment list reports [xi]

A Segment list report can contain a lot of data regarding the Cableways / Segments.

In this view you select the Segments you want to list, and when you click OK, you select more details for the PDF report.



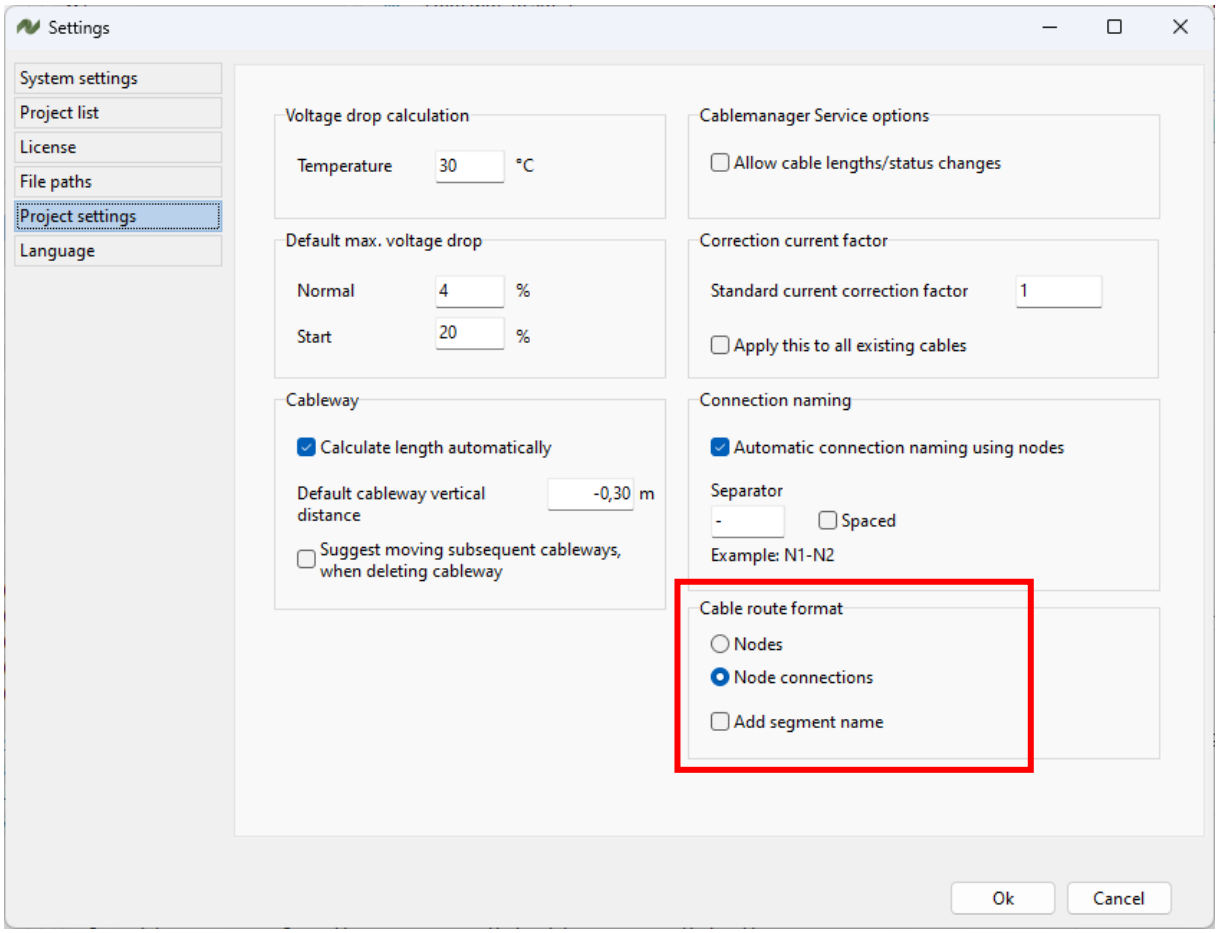
And from ver8, you can list all cables, and details for them. [xii]



Cable report route format [xiii]

When you make Cable pulling cards and Cable list reports, you may want to see the route in different ways.

The Project Settings now include a selection of the desired format.



Logos in reports

Problem with logos on Cable batch reports has been fixed. [xiv]

Remember, that logos are in *.bmp-format.

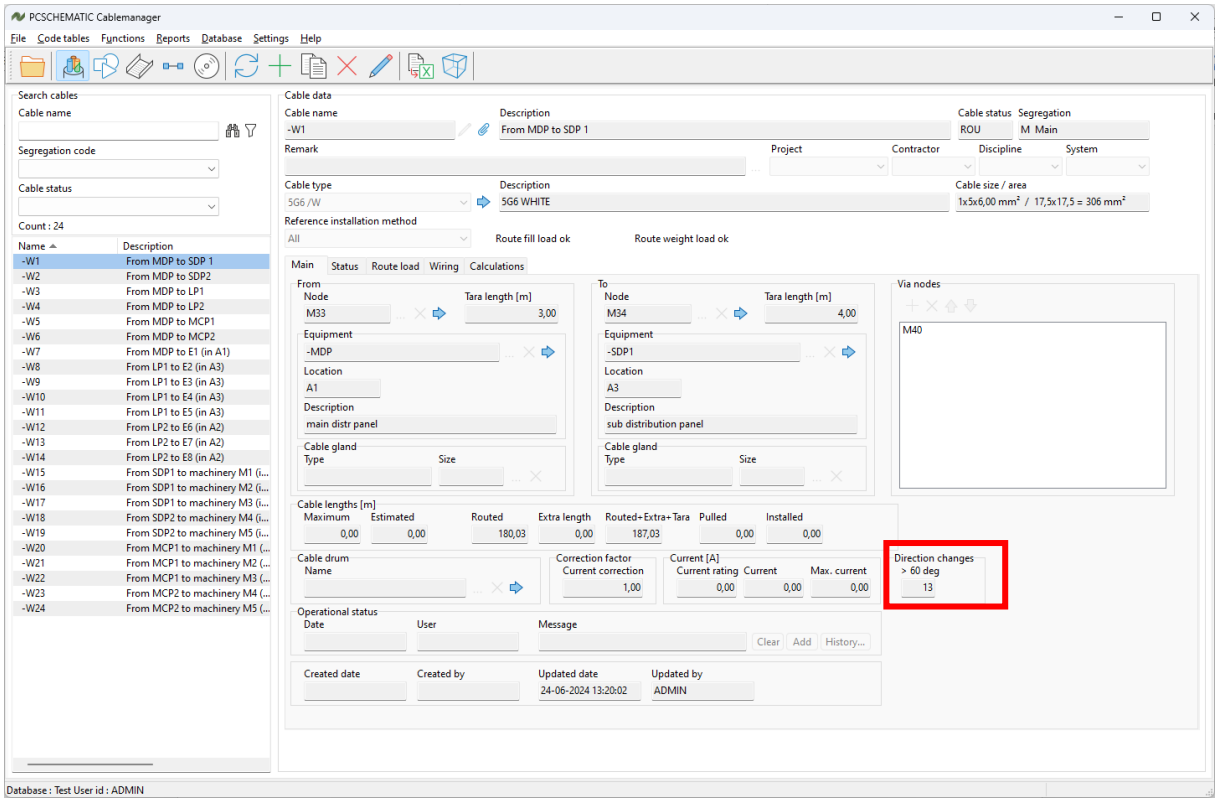
MORE INFORMATION

When customers start using the program, a lot of wishes to extra functionality comes up. Below are the new functions on the main categories.

More information on cables

We show how many bends >60 ° are on the cable

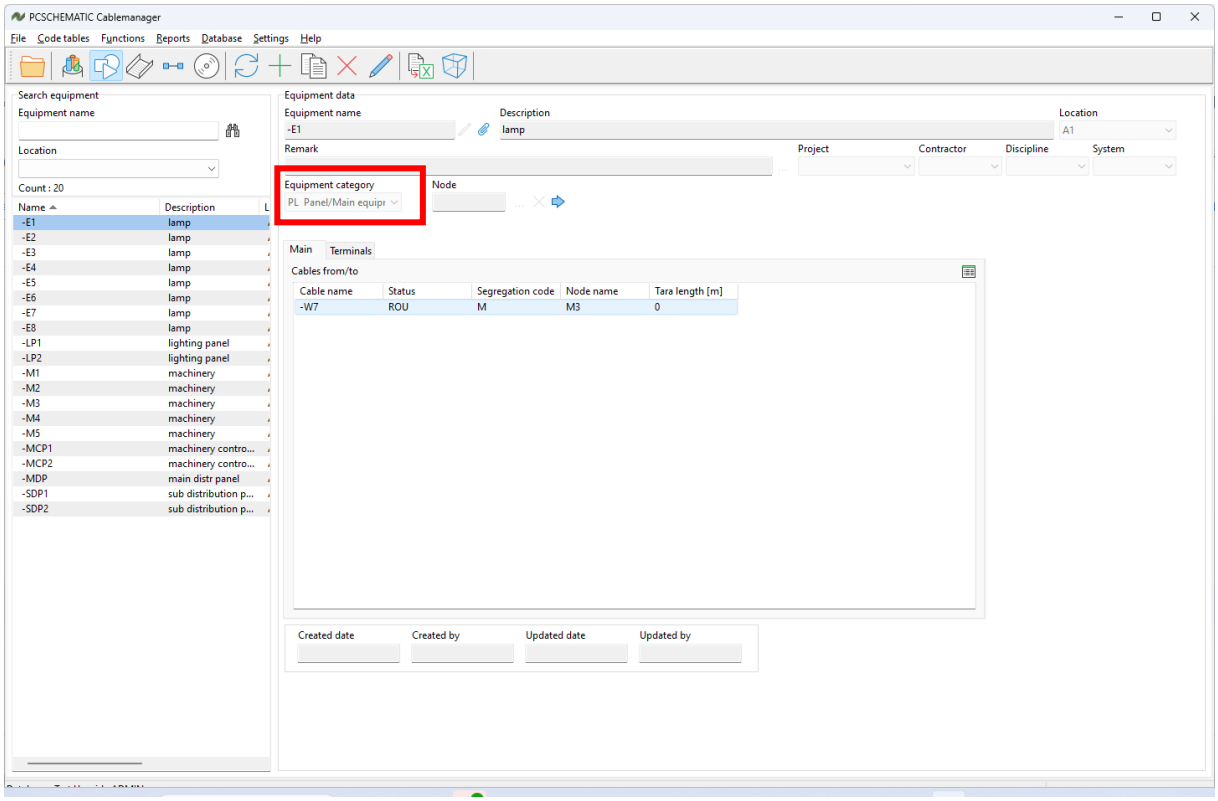
This makes it possible to identify cables, where you might add extra length.



Equipment categories

We have introduced equipment categories, to be able to setup rules for different types of equipment.

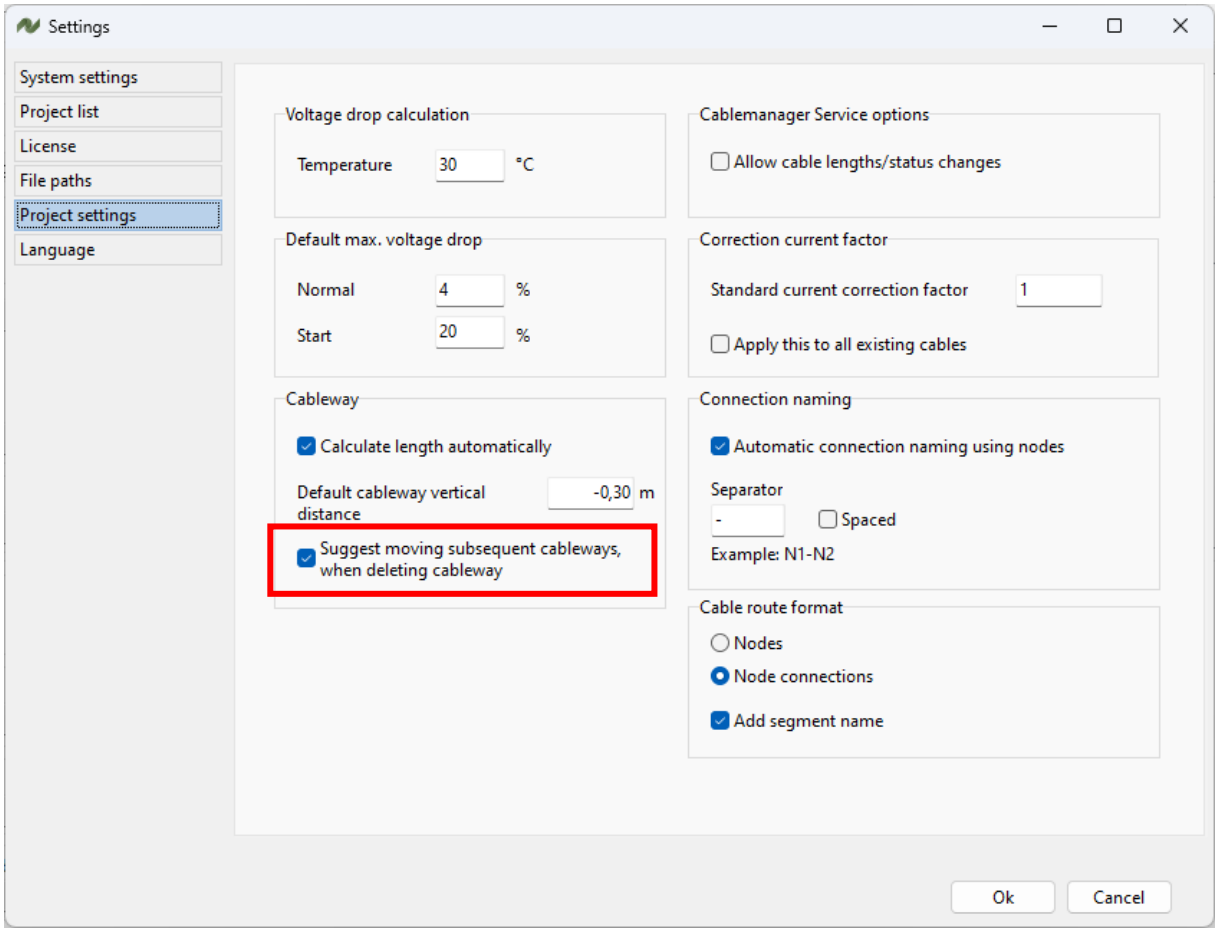
We haven't made a lot of rules – yet – but the categories are here.



More functionality on cableways

Project setting: Deleting cableway

There is a new option in Project settings:
When you delete a cableway, you can choose whether Cablemanager moves the subsequent cableways or not. This depends of the checkbox.



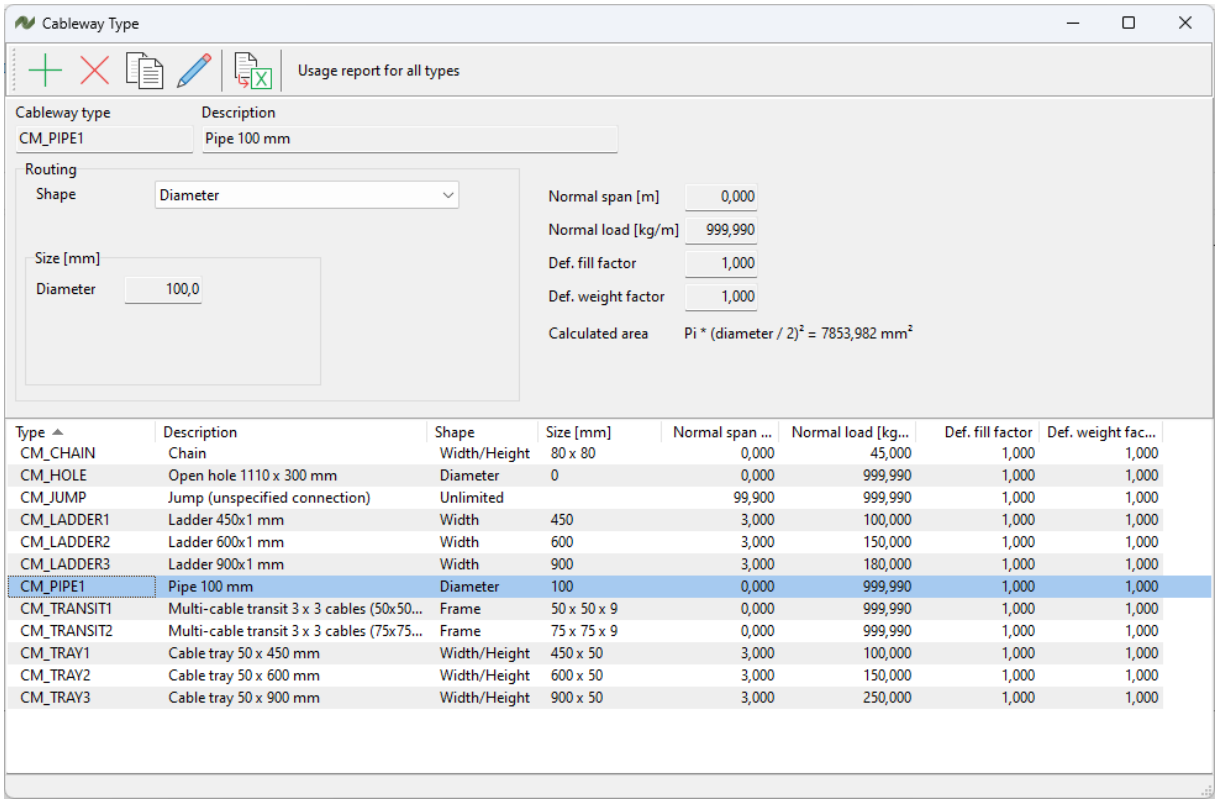
Change shape of a cableway with routed cables [xv]

If the cableway has more than 1 segment, it is only possible to change to height/width or width alone. Pipes and Frames cannot be divided into different segments.

Until this version, you could only change shape on empty segments.

When you define a cableway type, you select its shape. The shapes are:

- Width/height
- Width
- Diameter
- Frame
- Unlimited



Type	Description	Shape	Size [mm]	Normal span ...	Normal load [kg...	Def. fill factor	Def. weight fac...
CM_CHAIN	Chain	Width/Height	80 x 80	0,000	45,000	1,000	1,000
CM_HOLE	Open hole 1110 x 300 mm	Diameter	0	0,000	999,990	1,000	1,000
CM_JUMP	Jump (unspecified connection)	Unlimited		99,900	999,990	1,000	1,000
CM_LADDER1	Ladder 450x1 mm	Width	450	3,000	100,000	1,000	1,000
CM_LADDER2	Ladder 600x1 mm	Width	600	3,000	150,000	1,000	1,000
CM_LADDER3	Ladder 900x1 mm	Width	900	3,000	180,000	1,000	1,000
CM_PIPE1	Pipe 100 mm	Diameter	100	0,000	999,990	1,000	1,000
CM_TRANSIT1	Multi-cable transit 3 x 3 cables (50x50...	Frame	50 x 50 x 9	0,000	999,990	1,000	1,000
CM_TRANSIT2	Multi-cable transit 3 x 3 cables (75x75...	Frame	75 x 75 x 9	0,000	999,990	1,000	1,000
CM_TRAY1	Cable tray 50 x 450 mm	Width/Height	450 x 50	3,000	100,000	1,000	1,000
CM_TRAY2	Cable tray 50 x 600 mm	Width/Height	600 x 50	3,000	150,000	1,000	1,000
CM_TRAY3	Cable tray 50 x 900 mm	Width/Height	900 x 50	3,000	250,000	1,000	1,000

What if more users work on the same project

There is now a warning, if more users work on same node. [xvi]

MY NOTES