Release Notes NET 13.0.2

Summary

> ✴ **The first release of NET in 2024.**

The new version contains some bug fixes, focusing mainly on our NET Build integration and workflows in NET Engineering.

Supported Software

- Autodesk AutoCAD Map 3D
    - Autodesk AutoCAD Map 3D 2022.0.1 - Autodesk AutoCAD 2022.1.3 or later
    - Autodesk AutoCAD Map 3D 2023.0.2 - Autodesk AutoCAD 2023.1.1 or later
    - Autodesk AutoCAD Map 3D 2024.0.1 - Autodesk AutoCAD 2024.1 or later
- TKI PostgreSQL Provider 4.1.0
- Comsof Fiber Designer 2019.2.2 - Comsof Fiber Designer 22.2
- Comsof Fiber 23.1
- TKI Lizenzierung 13.0
(Only required for a manual installation on the network license server)

Release NET 13.0.2 in detail

NET Design

atesio integration

- Improved the stability of the function "Fix Geometry" in NET Design projects using atesio.

Comsof Fiber integration

- The creation of protection pipes in crossings is now supported when using Comsof Fiber.

Import

- An error message occurred when importing a shape file with objects without geometry. This error has been fixed.

Validation

- The validation for the demand points now also considers the value "Is Included" during the validation.

Low level design conversion

- When creating a low level design, errors no longer occur if there are several devices in the same structure that are connected to each other by cables.
- When creating a low-level design, microducts within duct bundles are now separated at phase transitions in case of different status values, with the higher phase being assigned to the microducts.

NET Engineering

General

- It is now possible to delete duct assignments without problems if a linked snap point is missing (e.g. due to a data error).
- For the setting "Name scheme for persons" in the NET options, special functions for placeholders can now be used, which can already be used the low level conversion in NET Design.

Workflows

- An unnecessary control element has been removed from the "Verify duct geometries" workflow.
- An error in the calculation of the split factor has been fixed in the "Check split factor" workflow.oben.
- In the "Check split factor" workflow, the "Allowed lower ratio" option now works correctly.
- In the "Create and assign fiber optic cables (without geometry)" and "Create and assign telephony cables (without geometry)" workflows, the naming of the created cables has been optimized.
- In the "Create and assign fiber optic cables (without geometry)" or "Create and assign telephony cables (without geometry)" workflows, it can happen that a cable with a cable type that contains a numbering or color scheme with too few values is to be created. In this case, a meaningful error message is now displayed.
- In the "Join ducts" and "Join segments" workflows, a note has been optimized with regard to the different assignments of the features to be joined.
- In the "Join ducts" workflow, an error in the display of the Second duct selection has been fixed.
- The performance of the "Split ducts" workflow has been improved.
- In various workflows, the feature selection has been improved so that if no features are (yet) selected, the Execute button is now inactive and a meaningful error message is displayed.

Dialogs

- A problem with the "Update cable sections" function in the "TP Cable Type" form with the display of the error message regarding too few name scheme values has been fixed.

Bill of materials

- In the material list, the value of the type of fiber optic splice has changed from "<empty>" to "splice" as the default. You can also change the name of the type in a new field that has been created on the NET options tab.

Connection Editor

- There were errors when showing data of additional columns in the connection editor so that entries in the columns partially remain empty. Now the data in the additional columns will be shown completely.

NET Build Push

- When data is transferred from NET Engineering to NET Build, buildings are sometimes assigned to the wrong clusters. this problem has been solved.
- During the redlining data transfer for the documentation, an error occurred in the "Link distribution network" action if the name of the network node was not entered for ducts. This error has been corrected.
- When NET Engineering to NET Build push proceed, the Pipe connections of the house connection route and the duct branch are sorted in NET Build.

Redlining

- When synchronising field reports between NET Build and NET Engineering, an error has been fixed which meant that no measurements were loaded for planning objects.
- During data transfer after NET Build, the software crashed if an attempt was made to transfer ducts without a segment assignment. This problem has been fixed. A corresponding error message is now displayed in the log during data transfer.
- When transferring documentation data till the link home connections action with Snapping priority: "house connection route" or "Longitudinal road", the Trasse were splitted and the remaining split routes were empty. This problem has been fixed.

Documentation Pack

- The success message for the "Find adjacent sheet numbers in plot sequence" function in the "Plot" form has been corrected and now shows how many plot frames from how many plot sequences have been updated.

Gernal

- It is now no longer possible to send error reports if the industry model contains an outdated data model. Error reports can only be sent again after a successful structure update.