Release notes

D-Geo Pipeline 18.3.1.21829

12-10-2018

New feature

This version includes a new module "Direct Pipe" for the design of a pipeline using the Direct Pipe method. This new method enables to lay a prefabricated pipeline in one single, continuous working operation into the ground with the aid of the thrust unit, the pipe thruster. As with pipe jacking, earth excavation is executed by means of a navigable micro-tunnelling machine, which is directly coupled with the pipeline. The tunnel face is slurry supported; a bentonite suspension is often used for a controlled excavation of the soil.

Fixed bugs

MDR-1207	In the Stress Analysis for load combination 4, the calculated maximum acting stress now includes the extra stress due to temperature variation.
MINSTALL-809	Fixed issue that borrowing is not possible for all applications if a local license is present.
MINSTALL-542 & MINSTALL-754	ServiceTool: Minor bug fixes.

Improvements

MINSTALL-808	ServiceTool: Added possibility to filter the available licenses (All, Server or Local licenses).
MINSTALL-672	ServiceTool: Version number is now shown for each entry in the license overview.
MINSTALL-752	ServiceTool: More information is provided when no license file is found.
MINSTALL-794	ServiceTool: Made manuals available through Help menu.
MINSTALL-420	Improved error messages when no license is found.

User manual

MDR-1207	Table 26.5 (Set for calculation of the maximum stresses for load combination 4) is updated with the extra stress due to temperature variation.
MDR-1190	Three new tutorials (tutorials 13, 14 and 15) have been added to explain the use of the Direct Pipe technique.

MDR-1112	The Input chapter has been updated and a new chapter (29) has been added for the Direct Pipe technique.

Verification report

MDR-1207	The results of the benchmarks (expected and calculated) are updated.
MDR-1159 & MDR-890	New benchmarks have been created to test the Direct Pipe technique.