

## Release notes

### D-Foundations 21.1.1.32449

30-11-2020

#### ***New Features***

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MFO-684, MFO-1501	A user defined CPT interpretation rule is now stored in the input file itself.
MFO-998	Model Tension Piles: it is now possible to specify a filling for closed ended steel pipe piles. This filling will be added to the pile weight.
MFO-1494	A new option is added for the report which enables the user to specify whether the CPTs/Profiles are to be numbered in the tables or not.
MFO-1601	Model Bearing Piles NEN: At the excavation window, added an option to view the reduced qc-values. Just right click in the CPT view part of the screen and select the pop menu option "View CPT Values...".
MGEOLIB-923	The license system is updated and now supports borrowing.
MGEOLIB-951, MGEOLIB-957, MGEOLIB-960, MGEOLIB-963, MGEOLIB-969	License structure has been changed: within a application there are no longer modules, all released features are now available for all users. The new License tab is adapted to the new licensing structure (including borrowing).
MGEOLIB-827	In the report options a new option enables to show or suppress the date/time on the frontpage and page footers.

#### ***Fixed bugs***

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MFO-1492	Model Shallow Foundations: Option Maximize Vertical Loads no longer produces an error when there are more than 20 elements. So this option can now be used for up to 200 elements (same as the other options).
MFO-1511	Fixed bug with interpretation of GEF CPT files that could occur when switching between CPTs and changing the interpretation model simultaneously.
MFO-1597	Made sure that quotes (' , ") can be used in names for profiles, pile types etc. without producing errors.
MFO-1613	Model Tension Piles, option Verification: prevented checking the trajectory when this option is chosen as it plays no part in this.
MGEOLIB-1000	When the application was started without common files: incorrect version number of the common files was given in the error message and an unexpected pop-up message was displayed when continuing using the application in demo mode.

MGEOLIB-987	In the <i>Program Options</i> window, <i>License</i> tab, the type of license was not always correct when the license borrowing has expired, allowing to perform a calculation even if no license was present.
MGEOLIB-979, MGEOLIB-985	Incorrect error message and cursor remained a waiting cursor when trying to borrow a license when it was not possible (i.e. if there is no connection with the license server).
MGEOLIB-971	In the <i>Program Options</i> window, <i>License</i> tab, the state of the buttons and the license text was not always as expected.

## ***Improvements***

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MFO-1212, MFO-1213	Small improvements in the manual about the CUR interpretation rule.
MFO-1326, MFO-1404, MFO-1620, MFO-1622, MFO-1623, MFO-1628, MFO-1630, MFO-1631	Small improvements to the User Interface and its lay out.
MFO-1478, MFO-1489, MFO-1519, MFO-1621	Small improvements to the report and its lay out.
MFO-1487	Model Tension Piles: Improved the formula's for excavation in Step 2.
MFO-1360	Model Bearing Piles NEN: When peat, clay or loam layers are defined to be part of the positive skin friction zone(s), a warning is provided about this in the program itself as well as in the report.
MFO-1544, MFO-1545	Model Bearing Piles NEN: Improved the handling of qc-reduction to 12/15 MPa.
MFO-1605	Made sure the location map (when added) is shown in the pictures of the report too.
MINSTALL-897	All installers now give a correct error message when the common files are missing or too old.
MGEOLIB-921, MGEOLIB-925	The send button in the support dialog will now always be available to the user. When no mail client is installed, windows itself will instruct the user to install it.

## ***Limitations***

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MFO-1509,  
MGEOLIB-939

The Feasibility options (using GeoBrain) are removed.

MGEOLIB-929

Dumpfiles created with older versions of a program can no longer be read and so the results can no longer be shown. The results have to be recalculated with the current version in order to be able to use the file and display any results.