



2020.1 Update 3 INSTALLATION GUIDE

BEICIP-FRANLAB 2020

I. List of fixes included in this update:

OpenFlow™

- Better management of External Activity license token.

PumaFlow™

- Better handling of unused and negative grid property values for cases using J-Function.
- Export of Transmissibility multipliers in ZOI corrected.
- Manual loading of restart cases in MultiFad option corrected.
- **The Active grid block identifier property kills cells when set to 0.**
- **A correction has been issued to the polymer adsorption as a function of polymer concentration in the New Polymer Model.**

DionisosFlow™

- “Reset all sediments” button added to the Substratum Definition tab allowing to return to default configuration.
- More precise calculation of thickness calibration indicators.
- Improved calculation of calibration indicators for multi-realization workflows (DionisosFlow-CougarFlow).
- **An issue during the export of .SAV showing an error message was fixed.**

- **A malfunction of the Arcades calculator related to the compaction setting was fixed.**

KronosFlow™

- Isopach tool to build erosion workflow has been reviewed to guide user.
- Migration of 2019 projects has been updated to be able to use the new layering option properly.
- A progress bar has been added to follow layering calculations.
- Capability to account for non-deposit interval during layering process.
- Review and optimization of the minimum conditions to handle thinner layers with the layering tools.
- **Prompt error messages in the meshing updated to be more user friendly.**
- **A progress bar has been added to follow the initialization of the scenario tree selected for the layering.**
- **Meshing process updated for moving patch to preserve deposit boundary.**
- **Multi-Z problems for compound layering has been solved.**

TemisFlow™

- The option of transparent fault in Arctem parameters is now properly considered.
- Transparent faults have now a permeability factor of 0 to compute the permeability along the fault.
- The calculator can now handle properly absolute permeability for faults.
- The Compare Observed Data vs. Simulation Result has been optimized:
 - The logs of the same property are now consolidated into one single track per well.
 - The time to open the Log Viewer with multi-well selection has been significantly reduced enhancing a faster compare calibration of your models (6 times faster).
 - The Save Documents of previously saved calibration log templates has also been optimized in order to reduce the time too access to calibration data logs with a simple double click.
- The GeoGeogrid has been optimized and several bugs have been corrected:
 - The simultaneous save map with MapEditor has been corrected. Now you can open multiple maps with the MapEditor, edit and save only the edited maps within the GG3D.
 - Horizon crossing with isopach map definition is now detected. Now it is possible to assign horizons with isopach maps and the Check Preset Day Geometry will detect and correct the surface if crossing of above horizons.
- It is now possible to associate the same Save View Document Layout to different Scenarios to visualize the same template Layout with different simulation results.

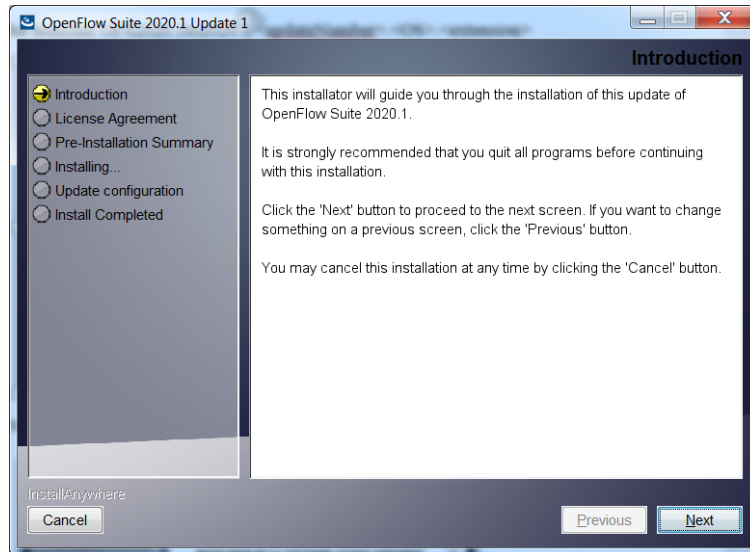
- Updated and enhanced DionisosFlow TemisFlow link.
- **The option to export eroded thickness map is working properly.**
- **Compaction model choice in multi-selection is correctly updated.**
- **Wells outside of the model are ignored in the Compare Data option with warning message.**
- **It is possible to edit fault status through time in TCA models.**
- **Solid Volume Correction option for Geometrical Loop works properly.**
- **A bug related to the fill facies or refine from a DionisosFlow model option in TemisFlow was fixed.**
- **A shift between the Temisflow block created from a DionisosFlow model and the stratigraphic model displayed in 3D was corrected.**

II. Update installation

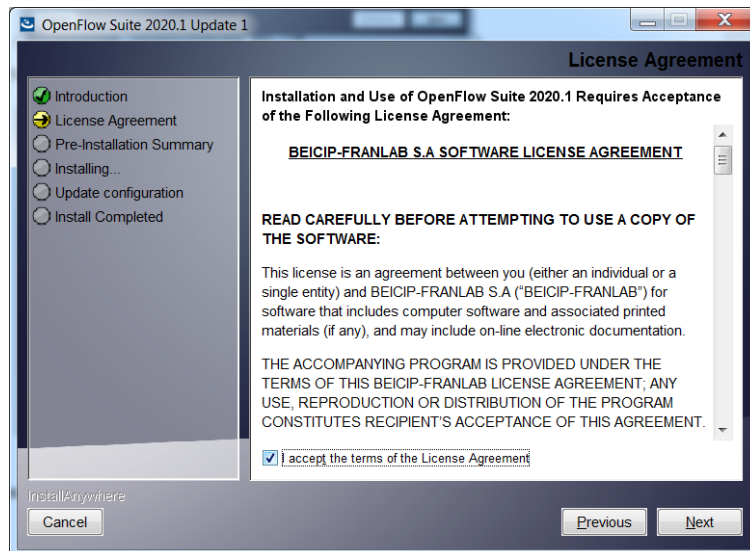
An Update is available for each platform: Windows 64 bits and Linux 64 bits.

First, an installation of OpenFlow Suite 2020.1 must be available. If it is not the case, install it as described in the OpenFlow Suite Installation Guide. It is not necessary to install again the OFSServer.

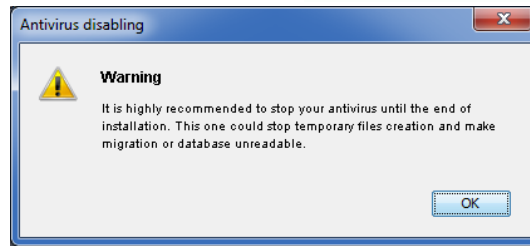
Execute the launcher `OFS2020.1to2020.1.<updateNumber>.<OS>.<extension>`



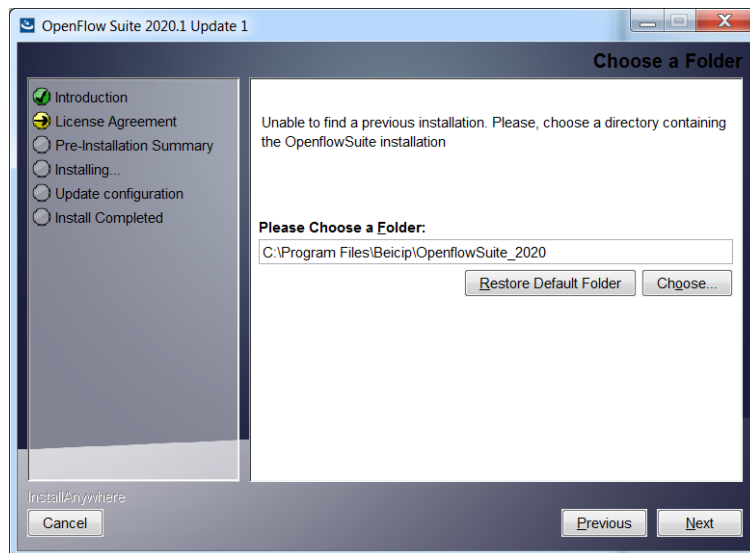
Click on Next



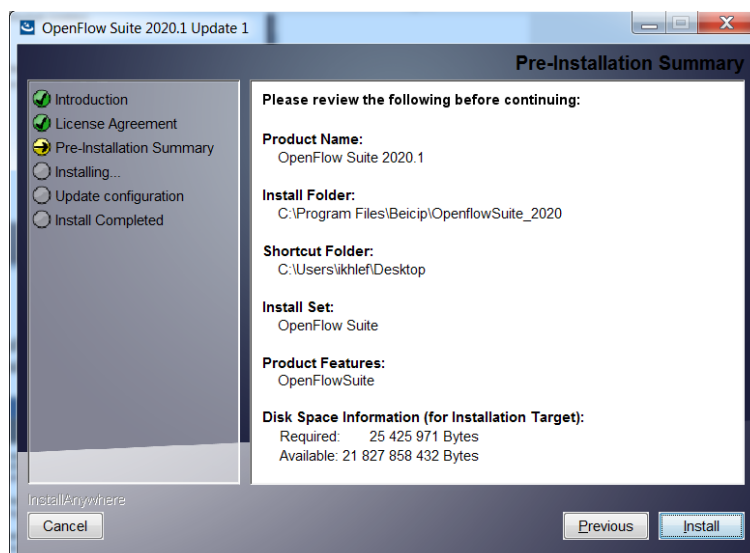
Accept our License Agreement terms and click on Next



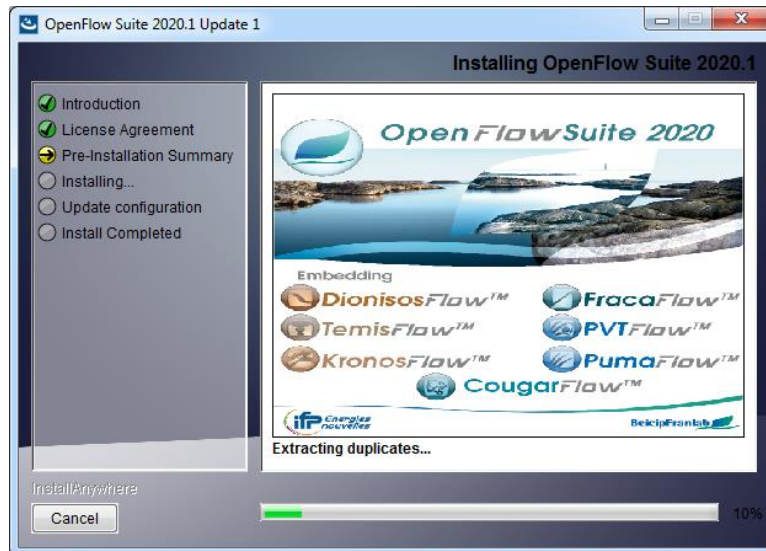
🌿 A message will be displayed to switch off your antivirus before continuing. Click on OK.




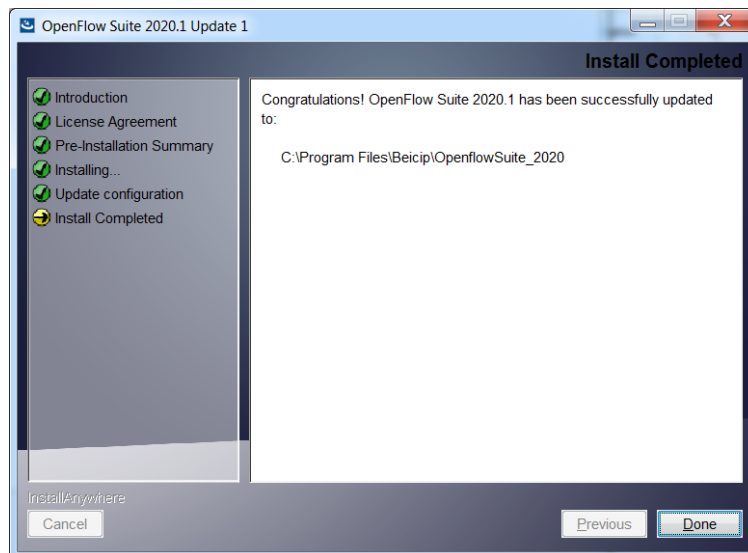
🌿 Define the parent directory of OpenFlow Suite 2020 thanks to choose button and click on Next. Windows installation by default: C:\Program Files\Beicip\OpenFlowSuite_2020



🌿 click on Install.






 Click on Done



III. Uninstall procedure

In order to come back to the previous OpenFlow installation and remove the impact of the update, the proposed procedure is the following:

-  Prior to installing the update, copy-paste the entire OpenFlow Suite installation directory in a back-up location. This directory can be zipped to take less space.
-  After installing the update, to come back to the previous installation, delete the OpenFlow Suite installation folder and replace it with the back-up folder (unzip it first if necessary).
-  Clear the OpenFlow Suite cache