

## MUFITS licensing

**Note:** For relatively small models, generally with less than 25000 cells (depends on PVT module), the simulator is not restricted in any way. For running larger models you may require license file. This file is used to restrict uncontrollable redistribution of unlimited version of the simulator but not for restricting users in running large problems. You can receive easily the license file for any problem you want to simulate.

In order to receive the MUFITS license follow the steps:

- 1) Run the MUFITS executable with any RUN file (e.g. SPE1.RUN) on the computer, on which you want to run a larger problem. Prior running the problem (SPE1.RUN) type in the RUN file before RUNSPEC keyword:

**HOSTINFO**

/

- 2) Find in your working directory the file HostInfo.txt. Send this file to [afanasyev@imec.msu.ru](mailto:afanasyev@imec.msu.ru) specifying which problem you want to run (e.g. number of grid blocks, number of wells, etc.). (The HostInfo.txt contains information about your hardware and software. This file does not contain any password for your OS. This information about hardware and software will be incorporated in the license file).
- 3) You will receive back by email your license file LICENSE.LIC.
- 4) You have two options for using the LICENSE.LIC file:
  - a. You can upload the license file using the command line. When running your simulation use a command like this  
“../mpiexec.exe” H64.EXE -n 1 SPE1.RUN  
LICENSE(Your\_path\_to\_LICENSE.LIC) > SPE1.LOG
  - b. You can specify the license file in the RUN file. Type before RUNSPEC keyword:

**LICENSE**

‘Your\_path\_to\_LICENSE.LIC’ /