Table of content
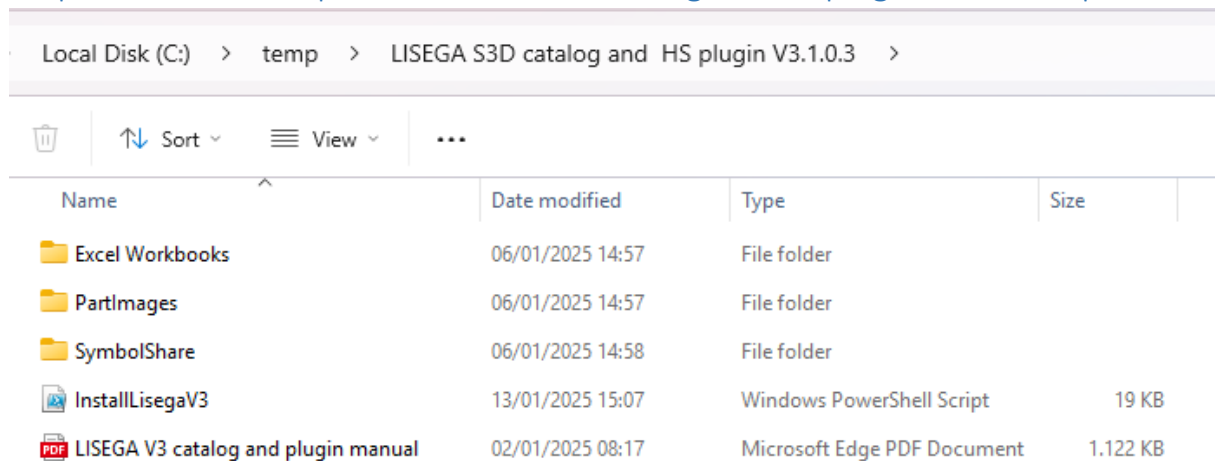
Step 1: Extract the zip file "LISEGA S3D catalog and HS plugin V3.1.0.3.zip"
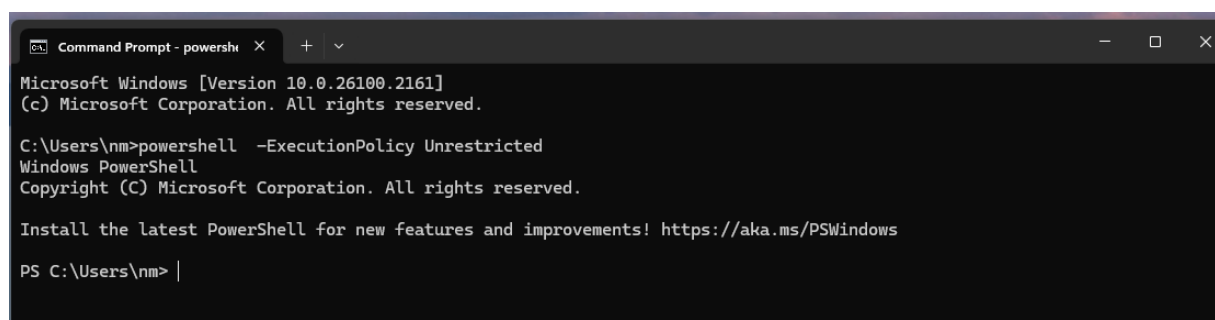

Step 2: Open a Command Prompt

Hint: Step 2 to 5 can be combined in one command line, but it is not recommended due to problems with path names containing space characters (see Appendix A for details).
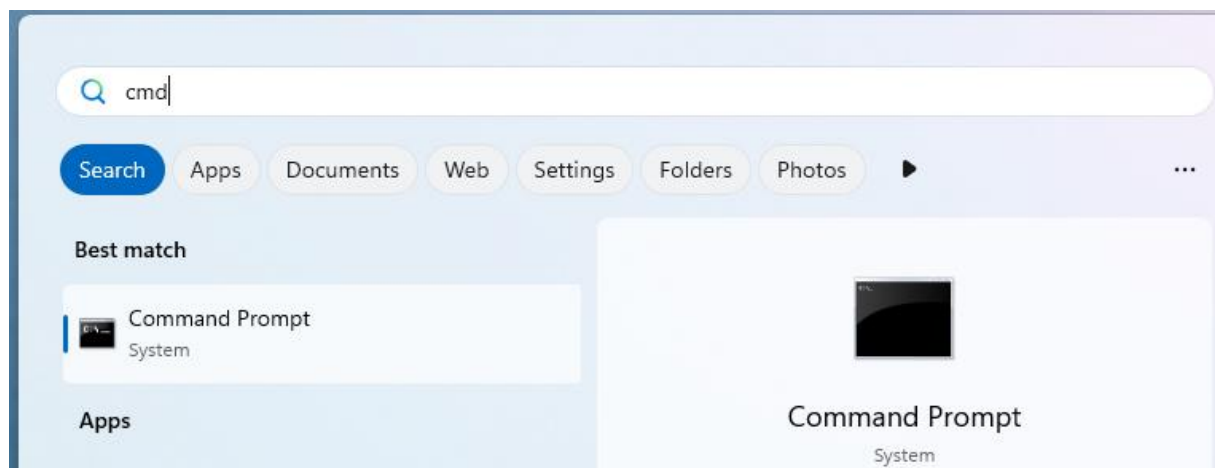
Step 3: Start PowerShell in the command prompt

Command line: powershell -ExecutionPolicy Unrestricted

This required to allow Powershell to runs scripts!

If you try to run the script in normal Powershell environment, you will get the following error:

```
.\InstallLisegaV3.ps1 : File C:\temp\LISEGA S3D catalog and  HS plugin V3.1.0.3\InstallLisegaV3.ps1 cannot be loaded
because running scripts is disabled on this system. For more information, see about_Execution_Policies at
https:/go.microsoft.com/fwlink/?LinkID=135170.
At line:1 char:1
+ .\InstallLisegaV3.ps1
+ ~~~~~~~~~~~~~~~~~~~~~
    + CategoryInfo          : SecurityError: (:) [], PSSecurityException
    + FullyQualifiedErrorId : UnauthorizedAccess
```

Step 4: Change to the folder of the extracted files from Step 1 in PowerShell

e.g.:   cd 'C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\'

```
PS C:\Users\nm> cd 'C:\temp\LISEGA S3D catalog and  HS plugin V3.1.0.3\'
PS C:\temp\LISEGA S3D catalog and  HS plugin V3.1.0.3>
```

Step 5: Run the installation PowerShell script with the required parameters.

HINT: If no parameters are given the script shows the required parameters:

```
PS C:\temp\LISEGA S3D catalog and  HS plugin V3.1.0.3> .\InstallLisegaV3.ps1


--------------------------------------------------
Installing LISEGA V 3.0.1 catalog and plug-in ...
--------------------------------------------------
Checking command line parameters ...

CheckCmdLineParameter failed: Parameter S3DinstDir not set!

Usage: InstallLisegaV3.bat -S3DinstDir <Smart3D installation directory>
                           -SymbolShare <Symbol share>
                           -DBserver <Database server name>
                           -DBcatalog <Catalog database name>
                           -DBcatalogSchema <Catalog schema database name>
                           [-SchemaDBserver <Schema Database server name>]
                           [-ViewBulkloadLogs]


PS C:\temp\LISEGA S3D catalog and  HS plugin V3.1.0.3>
```

A complete command line looks like this:

.\InstallLisegaV3.ps1 -S3DinstDir "C:\Program Files (x86)\Smart3D" -SymbolShare
"F:\lisega_SharedContent" -DBserver DESKTOP-PSAB7UO -DBcatalog LISEGA_test_CDB -
DBcatalogSchema LISEGA_test_CDB_SCHEMA –ViewBulkloadLogs

```
PS C:\temp\LISEGA S3D catalog and  HS plugin V3.1.0.3> .\InstallLisegaV3.ps1 -S3DinstDir "C:\Program Files (x86)\Smart3D"
 -SymbolShare "F:\lisega_SharedContent" -DBserver DESKTOP-PSAB7UO -DBcatalog LISEGA_test_CDB -DBcatalogSchema LISEGA_test
_CDB_SCHEMA -ViewBulkloadLogs |
```

The script starts with checking the parameters, copying Symbol DLL's to „<Symbol Share>\Custom Symbols" and copying the part images to the part images folder.
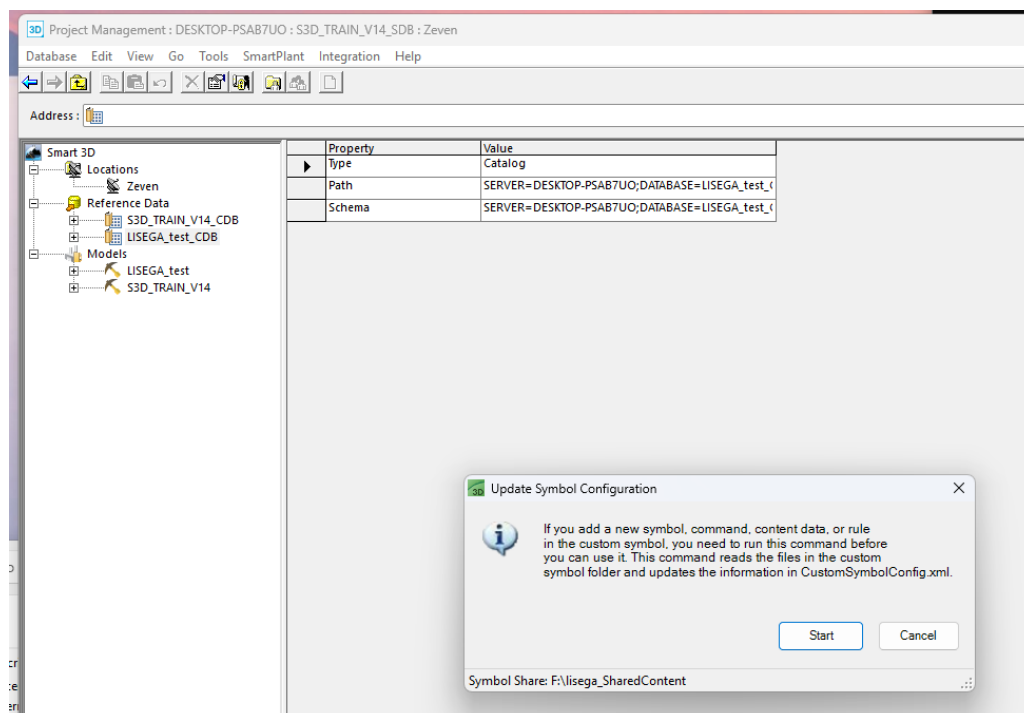

The installation will automatically start Smart3D Project Management after the copy tasks are finished!

Step 6: Run command "Update Custom Symbol Configuration" in Project Management

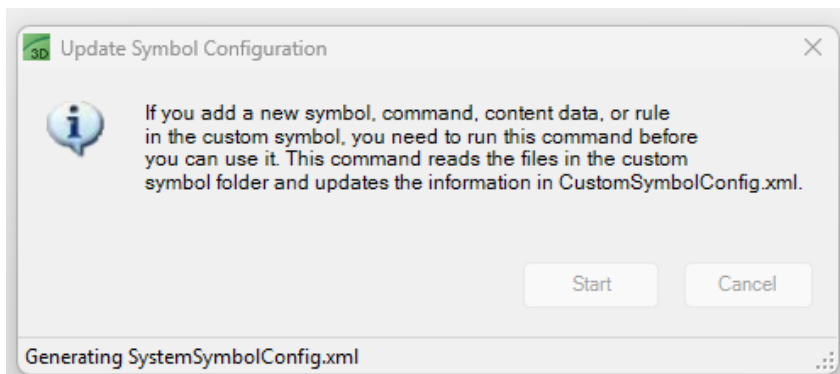You need only to execute the command "Update Custom Symbol Configuration" as shown below:
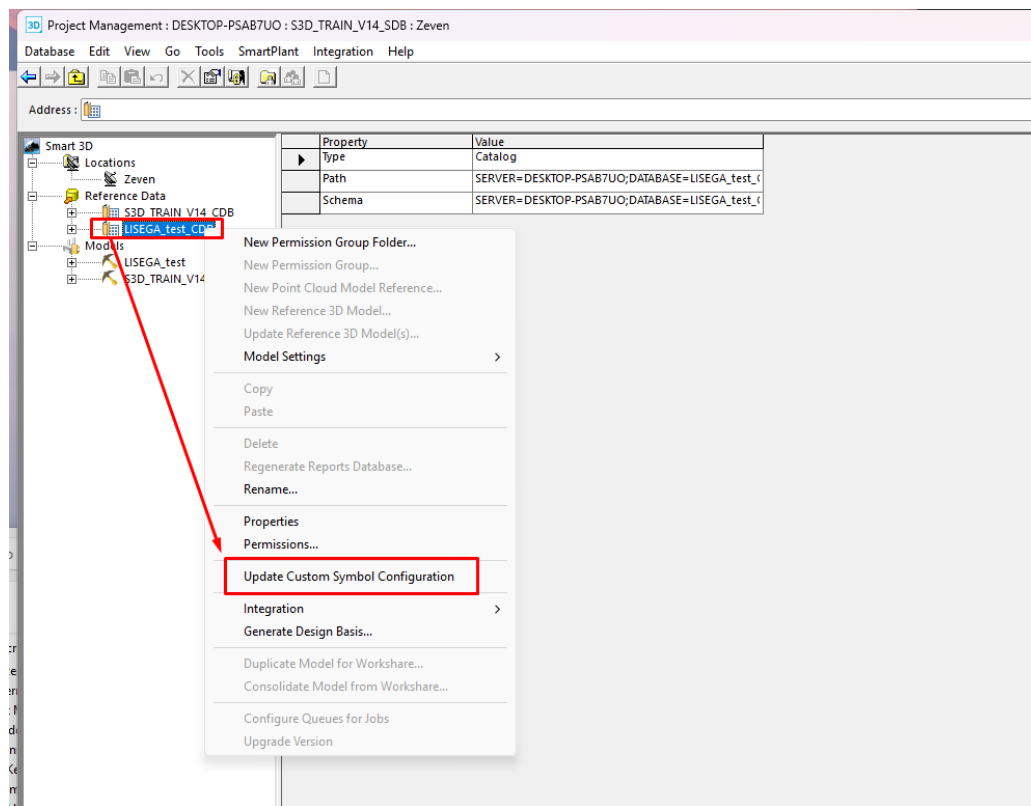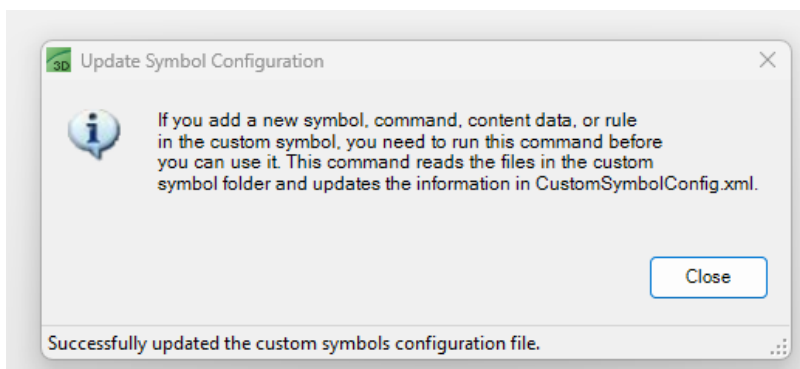

The following dialog is show:

Click the "Start" button and the command will start. It takes normally a few minutes to complete.

The status bar of the dialog is sometimes updated

The command is finished, when the two disabled buttons (Start and Cancel) are replaced with the button „Close" which is enabled:

Click the button „Close" to get back to the Project Management main window.
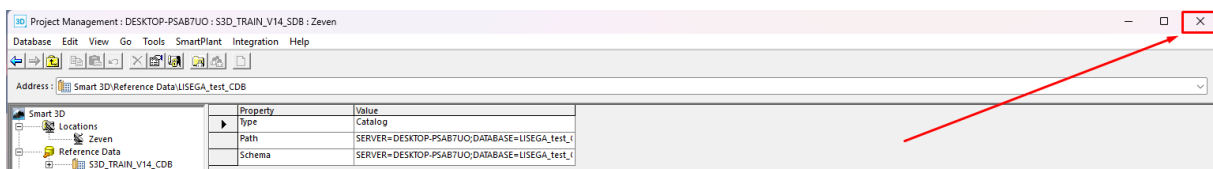
Exit the Smart3D Project Management.

When the process "Project Management" is completely finished and removed from the process list, the installation continues with the 3 bulkload tasks that must be performed.

The optional command line parameter "-ViewBulkLoadLogs" was used to instruct the installation script to show the log files during the execution of the bulkload utility.

That will open an additional command window for each bulkload run where the content of the log file is displayed and updated during the bulkload:
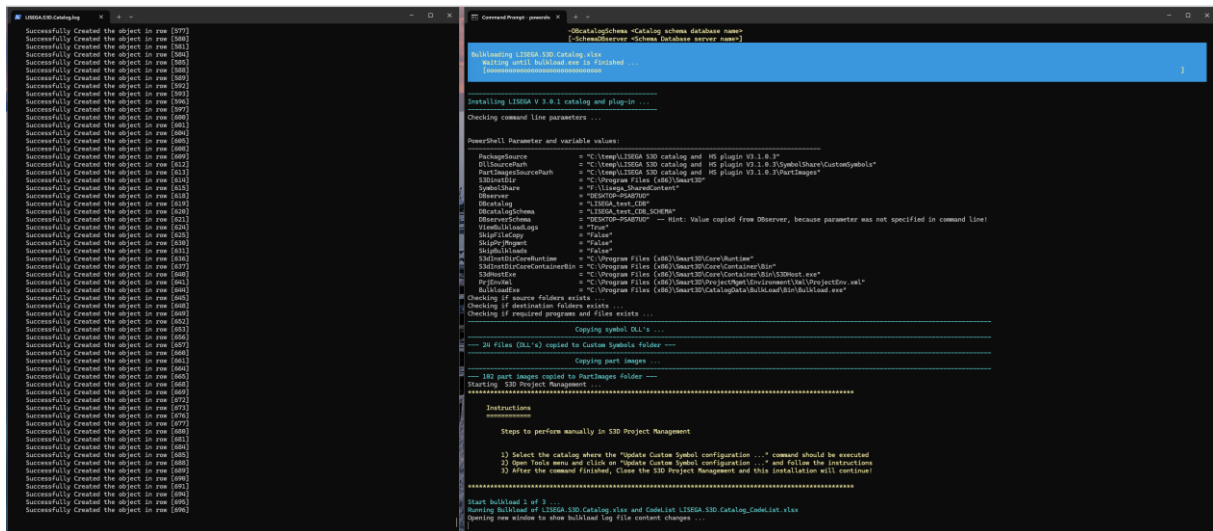
The complete screen looks like this. One window running the installation process and the other window(s) showing the bulkload log file(s).

Here is a screenshot showing the installation window and the three log files windows.
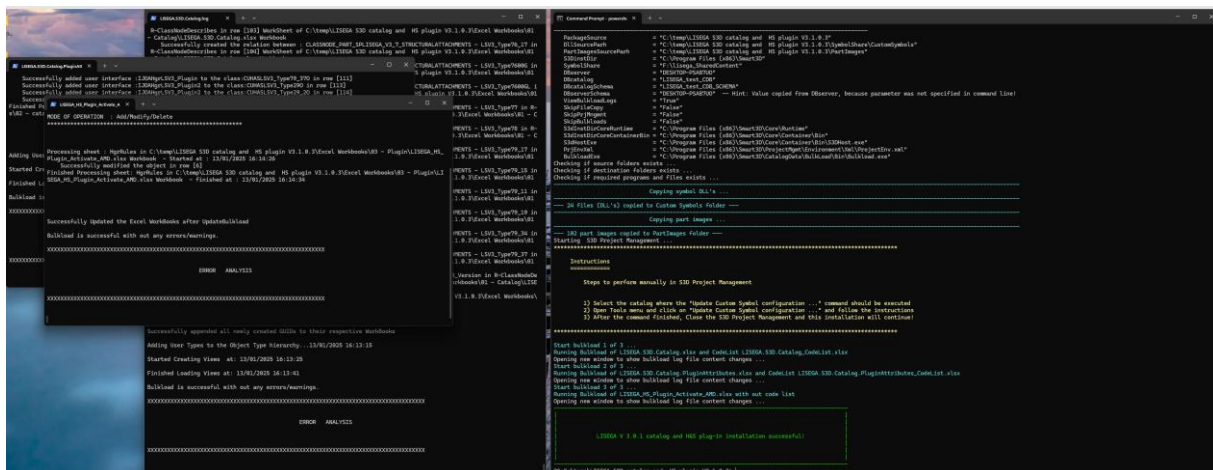
The installation is successfully finished when at the end the text "installation successful" in green (see below) is displayed:

You can now close all open command prompt windows.

Step 7: Checking the result
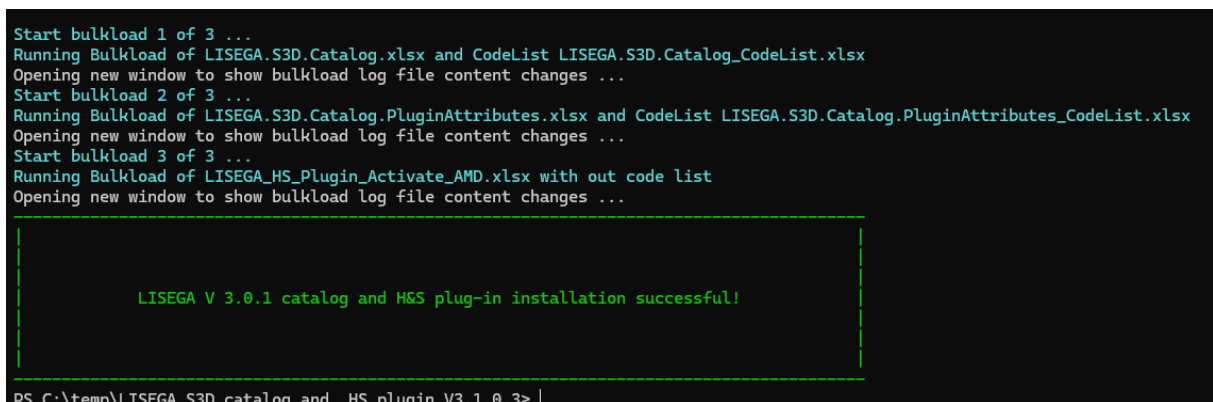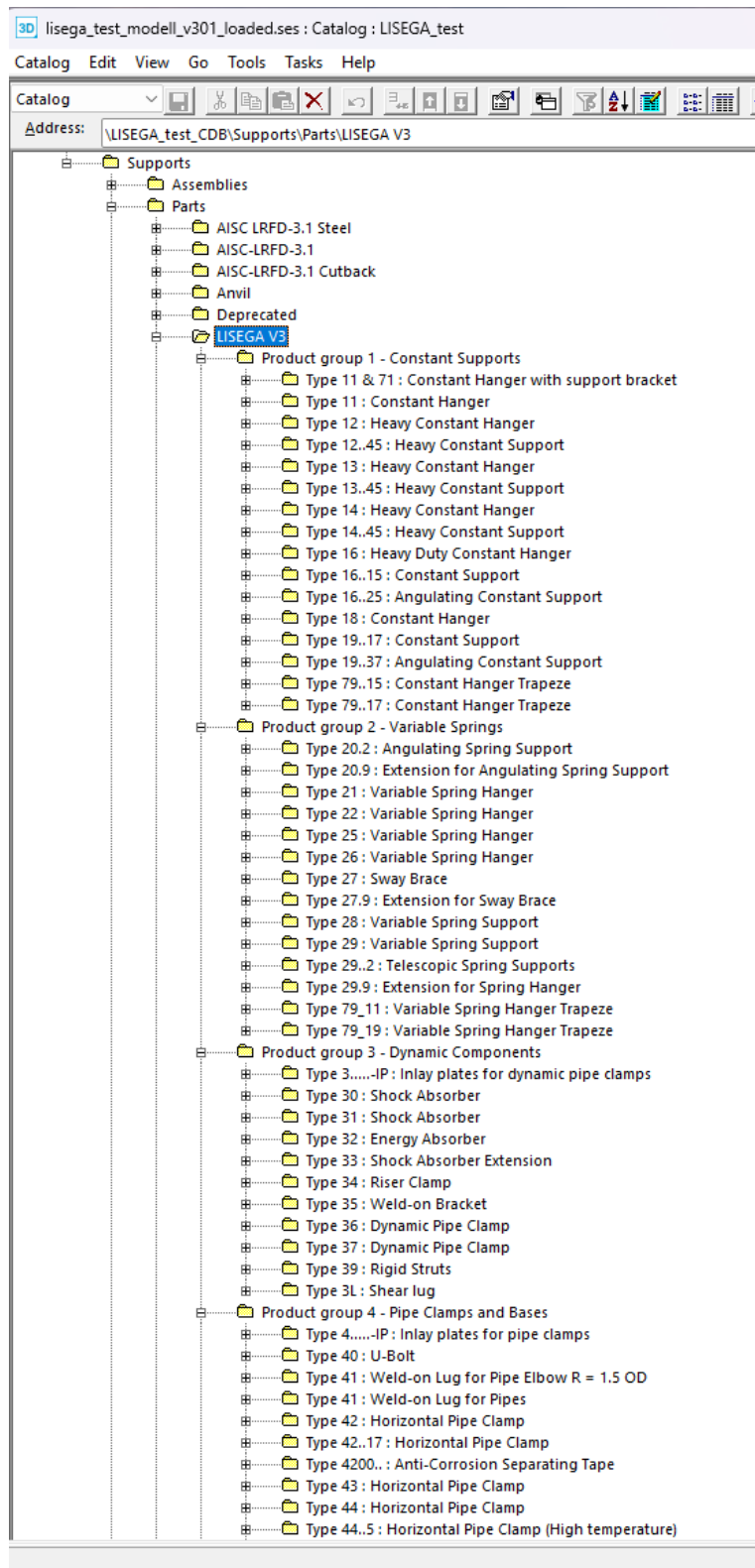
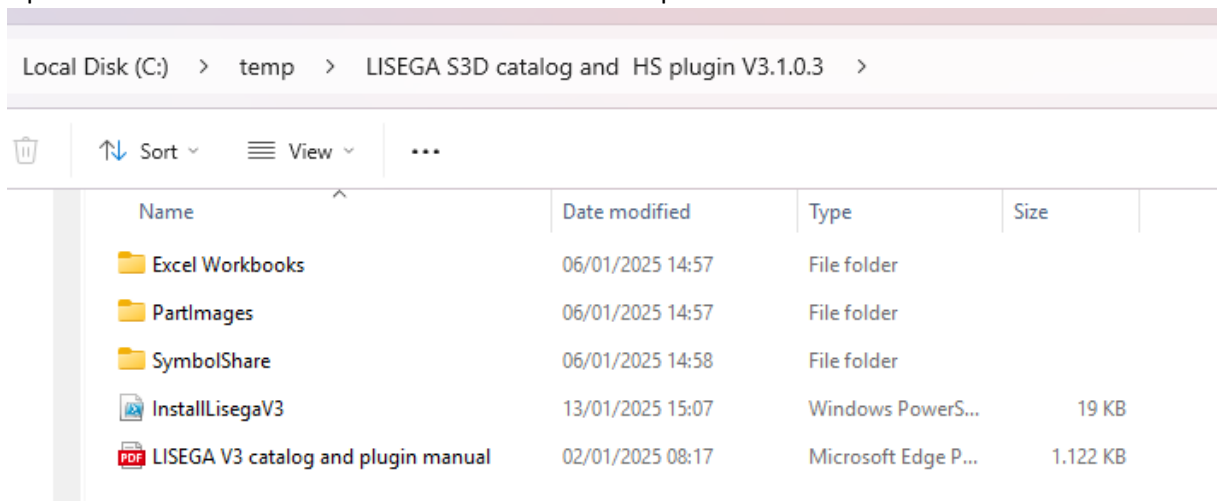Start Smart3D use a model that uses the catalog database just updated and open the "Catalog" task.

The LISEGA catalog is shown under "\<Catalog DB name>\Supports\Parts" as "LISEGA V3":
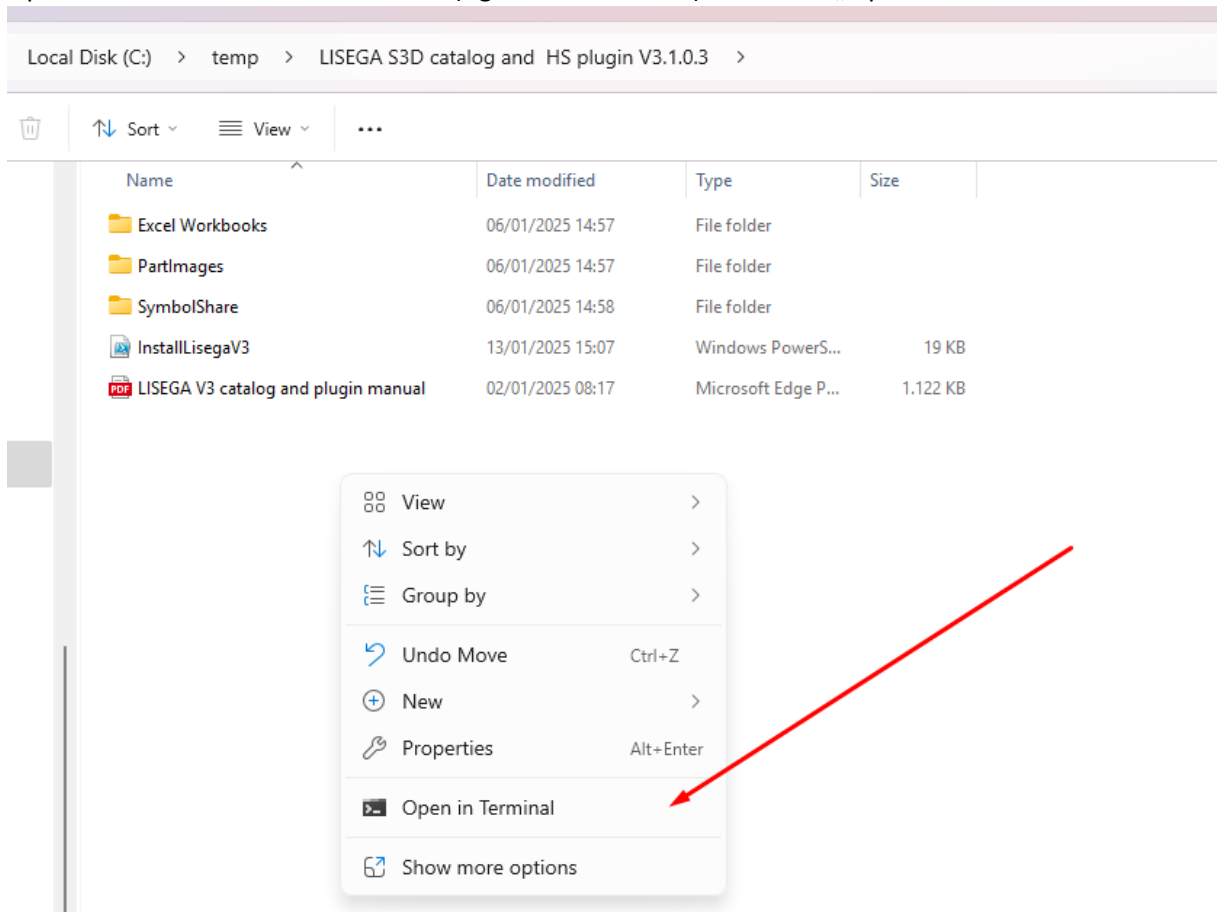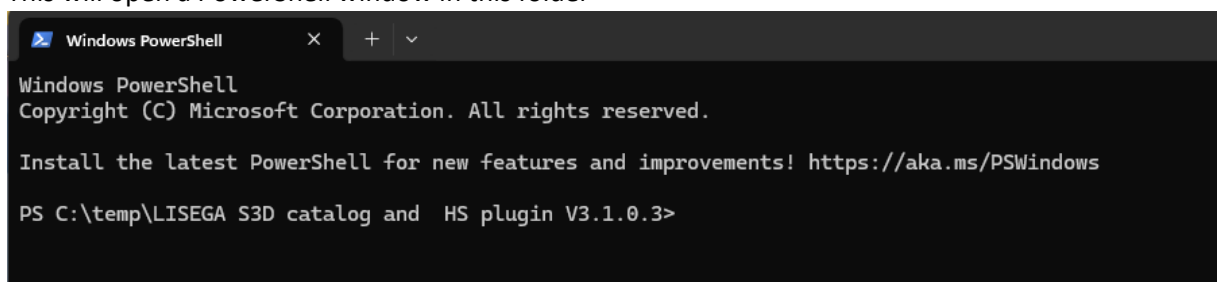
Appendix A

1. Open the folder of the extracted files with Windows Explorer

2. Open the context menu of the folder (right mouse button) and select „Open in Terminal"

This will open a PowerShell window in this folder

3. Execute the script in powershell with script execute authorization

Command line example:

powershell -ExecutionPolicy Unrestricted .\InstallLisegaV3.ps1 -S3DinstDir "C:\Program Files (x86)\Smart3D" -SymbolShare "F:\lisega_SharedContent" -DBserver DESKTOP-PSAB7UO - DBcatalog LISEGA_test_CDB -DBcatalogSchema LISEGA_test_CDB_SCHEMA –ViewBulkloadLogs

Note: Please note the use of double and single quotation marks!

At the beginning of the string "Double followed by single quote" and at the end of the string "Single followed by double quote". This is indicated in the command line by the green or yellow color marking.