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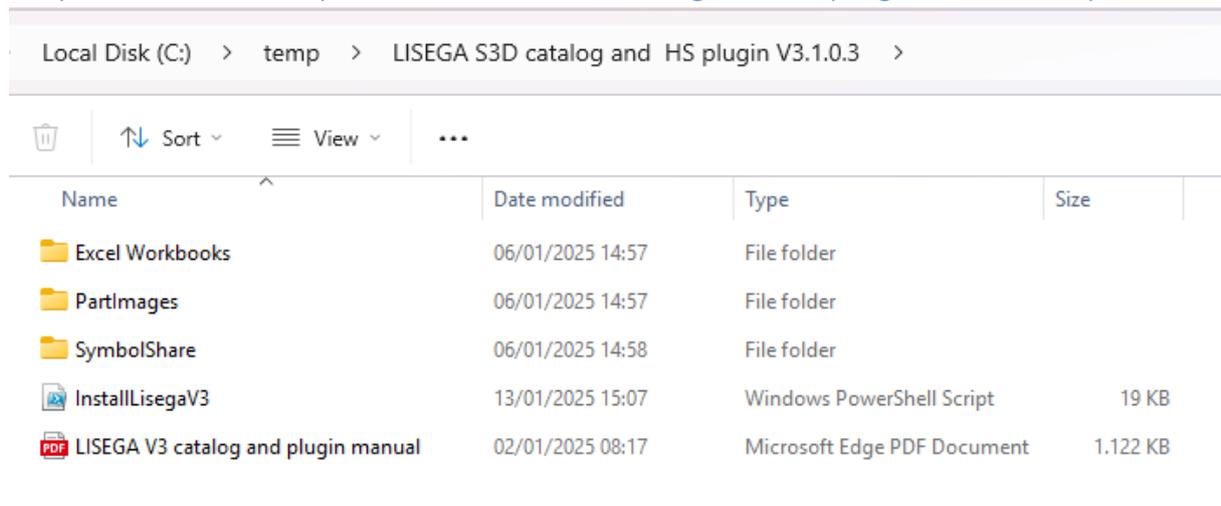
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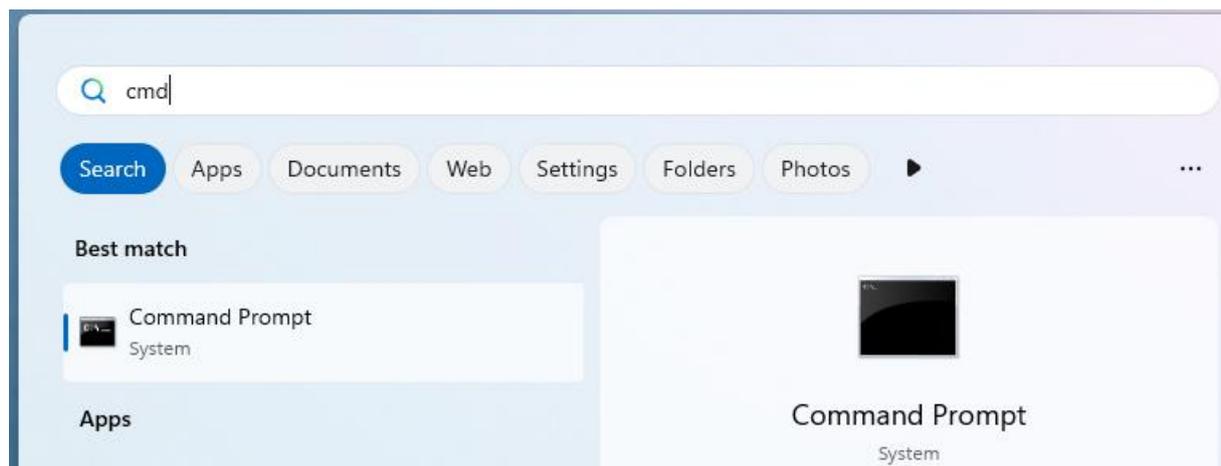
Appendix A 10

Step 1: Extract the zip file “LISEGA S3D catalog and HS plugin V3.1.0.3.zip”



Step 2: Open a Command Prompt

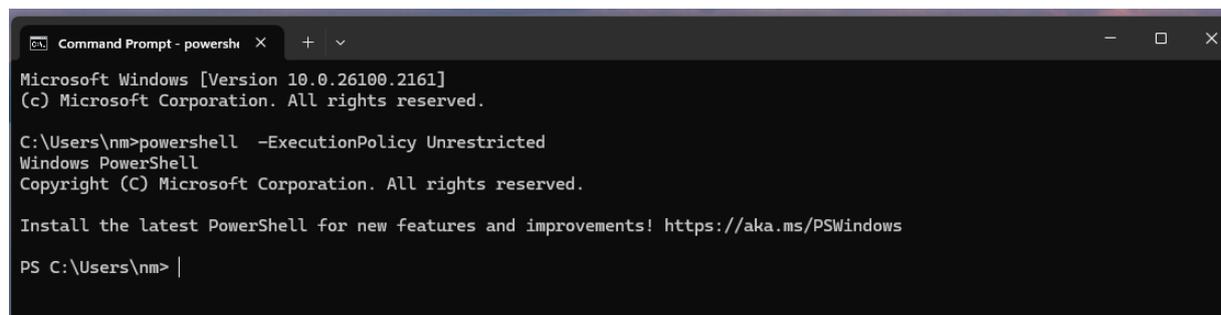
Hint: Step 2 to 5 can be combined in one command line, but it is not recommended due to problems with path names containing space characters (see Appendix A for details).



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.

```

Smart3D Project Management
Waiting until program is closed ...
{ooooooooooooooooooooooooooooo}

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

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

PowerShell Parameter and variable values:
-----
PackageSource           = "C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3"
DLLSourceParh          = "C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\SymbolShare\CustomSymbols"
PartImagesSourceParh   = "C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\PartImages"
S3DinstDir             = "C:\Program Files (x86)\Smart3D"
SymbolShare            = "F:\Lisega_SharedContent"
DBserver               = "DESKTOP-PSAB7UO"
DBcatalog              = "LISEGA_test_CDB"
DBcatalogSchema        = "LISEGA_test_CDB_SCHEMA"
DBserverSchema         = "DESKTOP-PSAB7UO" -- Hint: Value copied from DBserver, because parameter was not specified in command line!
ViewBulkLoadLogs      = "True"
SkipFileCopy           = "False"
SkipPrjMngmnt         = "False"
SkipBulkLoads          = "False"
S3DinstDirCoreRuntime = "C:\Program Files (x86)\Smart3D\Core\Runtime"
S3DinstDirCoreContainerBin = "C:\Program Files (x86)\Smart3D\Core\Container\Bin"
S3DinstExe             = "C:\Program Files (x86)\Smart3D\Core\Container\Bin\S3DHost.exe"
PrjEnvml              = "C:\Program Files (x86)\Smart3D\ProjectMgmt\Environment\Xml\ProjectEnv.xml"
BulkloadExe           = "C:\Program Files (x86)\Smart3D\CatalogData\Bulkload\Bin\Bulkload.exe"
Checking if source folders exists ...
Checking if destination folders exists ...
Checking if required programs and files exists ...

-----
Copying symbol DLL's ...
-----
--- 24 files (DLL's) copied to Custom Symbols folder ---
-----
Copying part images ...
-----
--- 182 part images copied to PartImages folder ---
Starting S3D Project Management ...
*****
Instructions
*****
Steps to perform manually in S3D Project Management

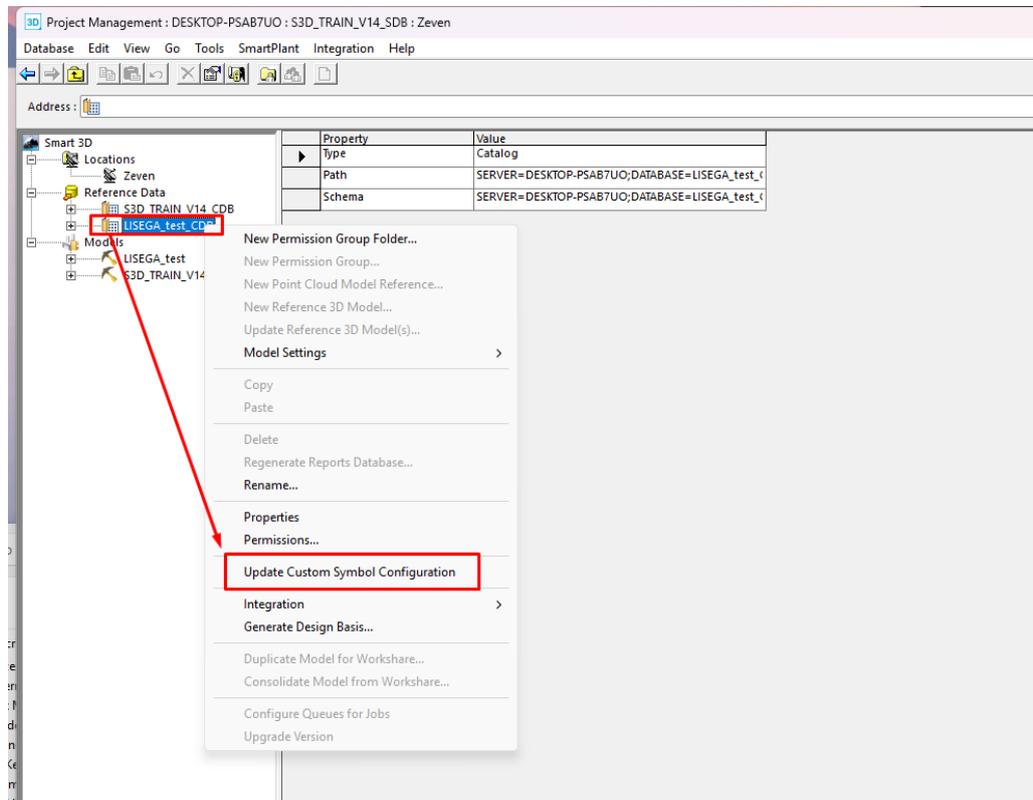
1) Select the catalog where the "Update Custom Symbol configuration ..." command should be executed
2) Open Tools menu and click on "Update Custom Symbol configuration ..." and follow the instructions
3) After the command Finished, Close the S3D Project Management and this installation will continue!

```

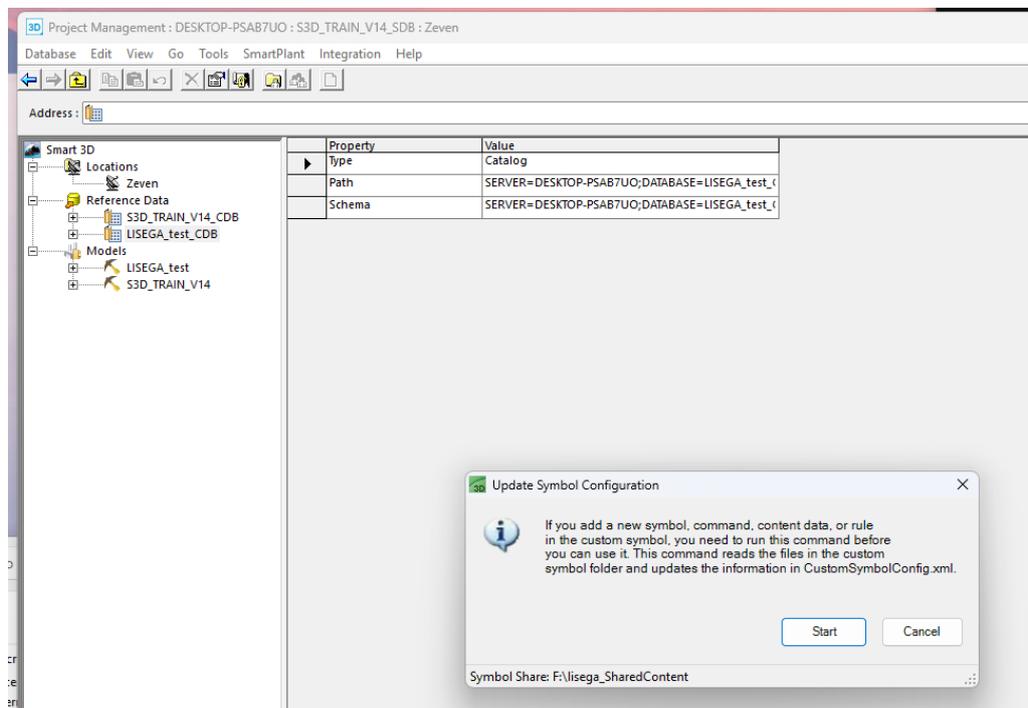
The installation will automatically start Smart3D Project Management after the copy tasks are finished!

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:

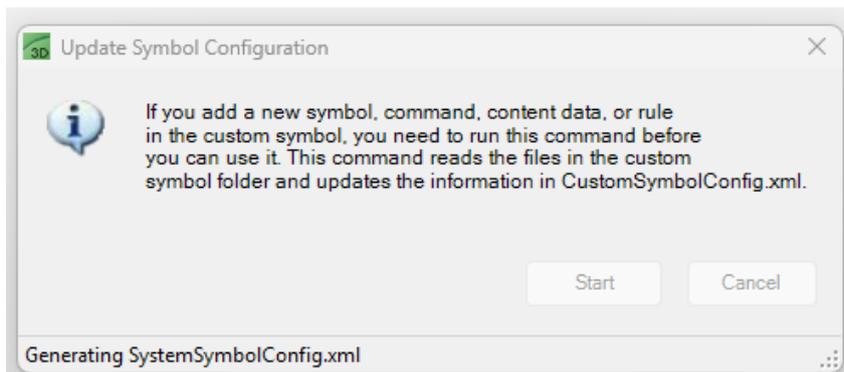


The following dialog is show:

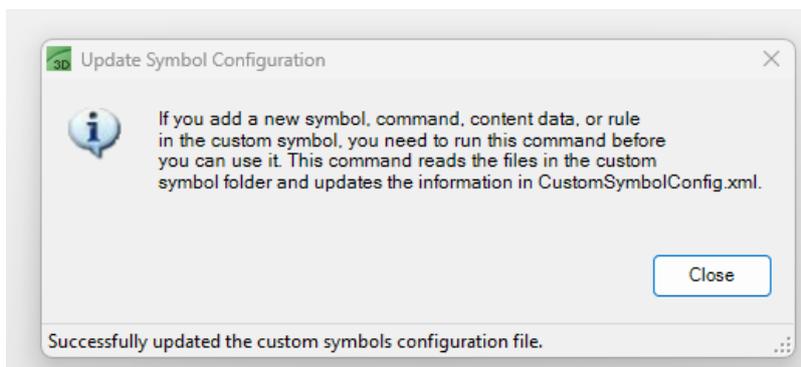


Click the “Start” button and the command will start. It takes normally a few minutes to complete.

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.

```

Bulkloading LISEGA_S3D_Catalog.xlsx
Waiting until bulkload.exe is finished ...
[0]

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

PowerShell Parameter and variable values:
-----
PackageSource           = "C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3"
DLISourceParh          = "C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\SymbolShare\CustomSymbols"
PartImagesSourceParh   = "C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\PartImages"
S3DInstDir             = "C:\Program Files (x86)\Smart3D"
SymbolShare            = "F:\Lisega_SharedContent"
DBserver               = "DESKTOP-PSAB7U0"
DBCatalog              = "LISEGA_test_CDB"
DBCatalogSchema        = "LISEGA_test_CDB_SCHEMA"
DBserverSchema         = "DESKTOP-PSAB7U0" -- Hint: Value copied from DBserver, because parameter was not specified in command line!
ViewBulkLoadLogs      = "True"
SkipFileCopy           = "False"
SkipPrjMngmnt         = "False"
SkipBulkloads          = "False"
S3DInstDirCoreRuntime  = "C:\Program Files (x86)\Smart3D\Core\Runtime"
S3DInstDirCoreContainerBin = "C:\Program Files (x86)\Smart3D\Core\Container\Bin"
S3DHostExe            = "C:\Program Files (x86)\Smart3D\Core\Container\Bin\S3DHost.exe"
PrjEnvXml             = "C:\Program Files (x86)\Smart3D\ProjectMgmt\Environment\Xml\ProjectEnv.xml"
BulkloadExe           = "C:\Program Files (x86)\Smart3D\CatalogData\Bulkload\Bin\Bulkload.exe"
Checking if source folders exists ...
Checking if destination folders exists ...
Checking if required programs and files exists ...

-----
Copying symbol DLL's ...
-----
--- 24 files (DLL's) copied to Custom Symbols folder ---
-----
Copying part images ...
-----
--- 182 part images copied to PartImages folder ---
Starting S3D Project Management ...
*****
Instructions
-----
Steps to perform manually in S3D Project Management

1) Select the catalog where the "Update Custom Symbol configuration ..." command should be executed
2) Open Tools menu and click on "Update Custom Symbol configuration ..." and follow the instructions
3) After the command finished, Close the S3D Project Management and this installation will continue!
*****
Start bulkload 1 of 3 ...
Running Bulkload of LISEGA_S3D_Catalog.xlsx and CodeList LISEGA_S3D_Catalog_CodeList.xlsx
Opening new window to show bulkload log file content changes ...

```

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:

```

LISEGA.S3D.Catalog.log
Successfully Created the object in row [27]
Successfully Created the object in row [28]
Successfully Created the object in row [29]
Successfully Created the object in row [50]
Successfully Created the object in row [51]
Successfully Created the object in row [52]
Successfully Created the object in row [53]
Successfully Created the object in row [54]
Successfully Created the object in row [55]
Successfully Created the object in row [56]
Successfully Created the object in row [57]
Successfully Created the object in row [58]
Successfully Created the object in row [59]
Successfully Created the object in row [60]
Successfully Created the object in row [61]
Successfully Created the object in row [62]
Successfully Created the object in row [63]
Successfully Created the object in row [64]
Successfully Created the object in row [65]
Successfully Created the object in row [66]
Successfully Created the object in row [67]
Successfully Created the object in row [68]
Successfully Created the object in row [69]
Finished Processing sheet: LSV3_Type14 in C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\Excel Workbooks\01 - Catalog\LISEGA.S3D.Catalog.xlsx Workbook - finished at : 13/01/2025 16:05:24
Processing sheet : LSV3_Type14_45 in C:\temp\LISEGA S3D catalog and HS plugin V3.1.0.3\Excel Workbooks\01 - Catalog\LISEGA.S3D.Catalog.xlsx Workbook - Started at : 13/01/2025 16:05:24
Successfully Creat

```

The complete screen looks like this. One window running the installation process and the other window(s) showing the bulkload log file(s).

The screenshot shows two windows. The left window is a command prompt running the installation process, displaying a list of 'Successfully Created' messages for various objects. The right window is a log file window showing the installation process, including the command line parameters and the steps to perform manually in S3D Project Management.

Here is a screenshot showing the installation window and the three log files windows.

The screenshot shows four windows. The top-left window is the installation window, displaying the installation progress. The top-right window is a log file window showing the installation process. The bottom-left window is a log file window showing the installation progress. The bottom-right window is a log file window showing the installation progress. The text 'LISEGA V 3.0.1 catalog and HS plug-in installation successful!' is highlighted in green in the bottom-right window.

The installation is successfully finished when at the end the text "installation successful" in green (see below) is displayed:

```

Start bulkload 1 of 3 ...
Running Bulkload of LISEGA.S3D.Catalog.xlsx and CodeList LISEGA.S3D.Catalog_CodeList.xlsx
Opening new window to show bulkload log file content changes ...
Start bulkload 2 of 3 ...
Running Bulkload of LISEGA.S3D.Catalog.PluginAttributes.xlsx and CodeList LISEGA.S3D.Catalog.PluginAttributes_CodeList.xlsx
Opening new window to show bulkload log file content changes ...
Start bulkload 3 of 3 ...
Running Bulkload of LISEGA_HS_Plugin_Activate_AMD.xlsx with out code list
Opening new window to show bulkload log file content changes ...

LISEGA V 3.0.1 catalog and HS plug-in installation successful!

PS C:\temp\LISEGA_S3D_catalog_and_HS_plugin_V3.1.0.3>

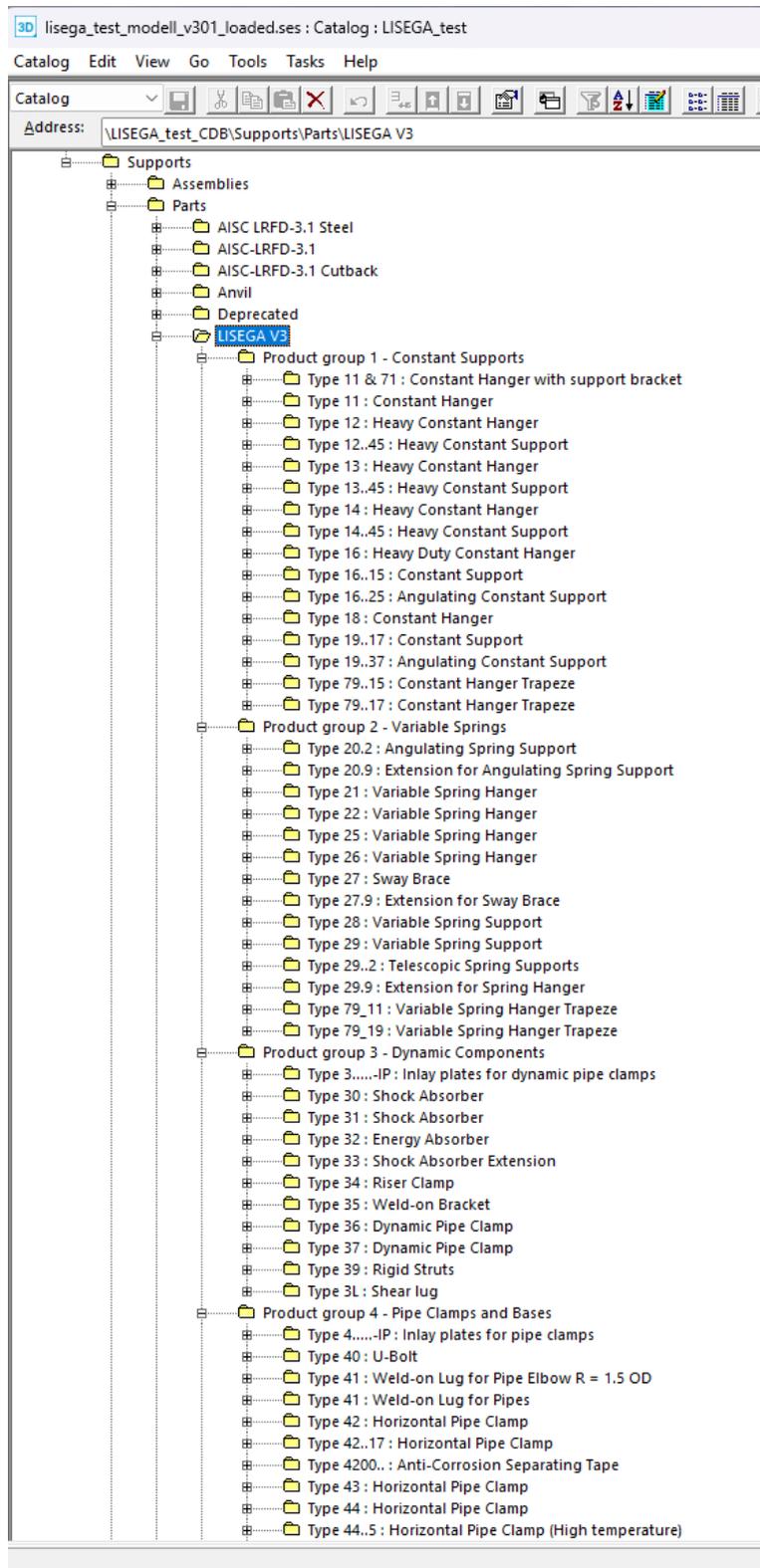
```

You can now close all open command prompt windows.

Step 7: Checking the result

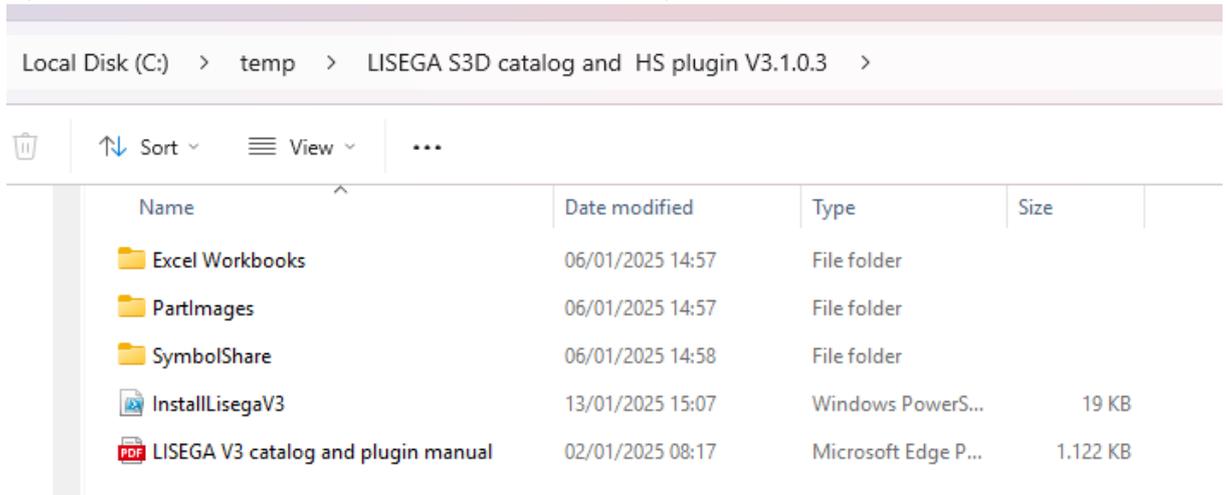
Start Smart3D use a model that uses the catalog database just updated and open the “Catalog” task.

The LISEGA catalog is shown under “\<Catalog DB name>\Supports\Parts” as “LISEGA V3”:

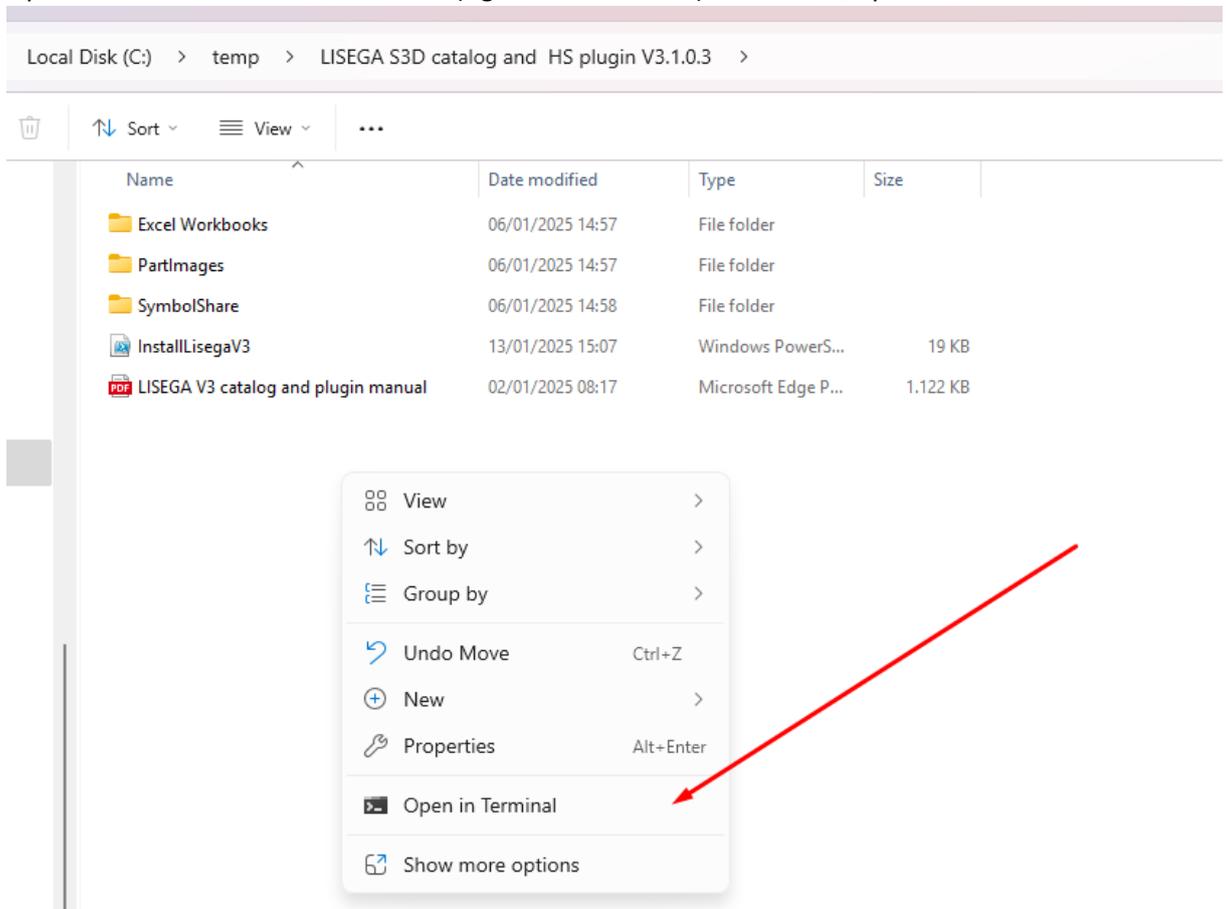


Appendix A

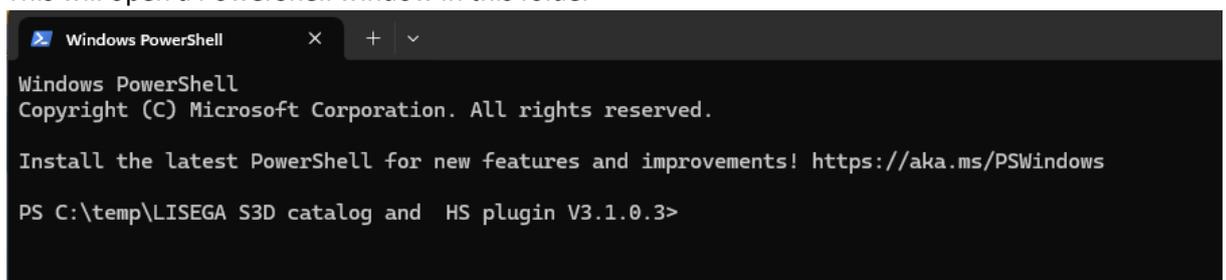
1. Open the folder of the extracted files with Windows Explorer



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.