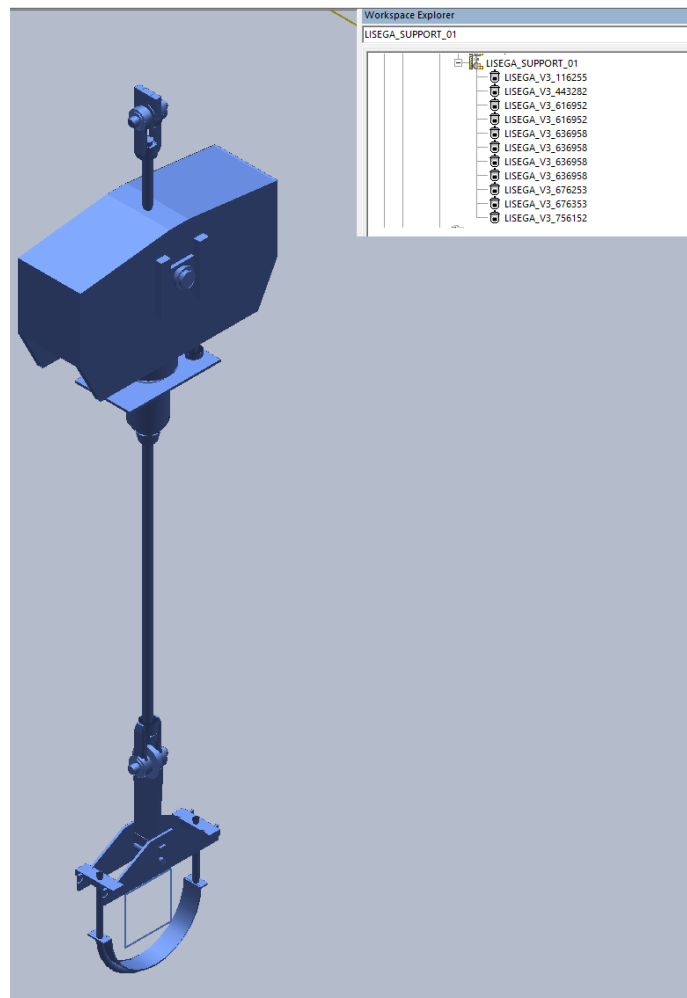


USER MANUAL

LISEGA Catalog V3 and Plug-in V4 for Smart 3D

Catalog and Hanger & Support Plug-in



LISEGA
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Table of Contents

Table of Contents	2
1 Prerequisites	3
2 Installation.....	3
2.1 Smart 3D Catalog View – LISEGA Catalog	3
3 LISEGA Smart 3D Hanger and Support Plug-in.....	4
3.1 Plug-in Configuration Dialog	4
3.2 Plug-in Attributes.....	5
3.2.1 Additional Support Attributes.....	5
3.2.2 Additional Part Attributes.....	6
4 Plug-in Usage	7
4.1 Open the Configuration Dialog	7
4.2 Configure the Plug-in	7
4.3 Run the Plug-in	7
4.3.1 Interactive LICAD	7
4.3.2 L3D or L3DX File Import	7
4.3.3 File Exchange.....	8

1 Prerequisites

Smart 3D must be installed and configured. The LISEGA Catalog V3 and H&S Plug-in V4 are compatible with Smart 3D versions 13.0, 13.1 and 14.0.

2 Installation

For installation instructions, refer to “LISEGA Smart 3D Catalog and H&S Plug-in Installation (V4.0 en).pdf”.

2.1 Smart 3D Catalog View – LISEGA Catalog

After the bulkload has been completed, the entire LISEGA catalog is available under “<Catalog database>\Supports\Parts\LISEGA V3”.

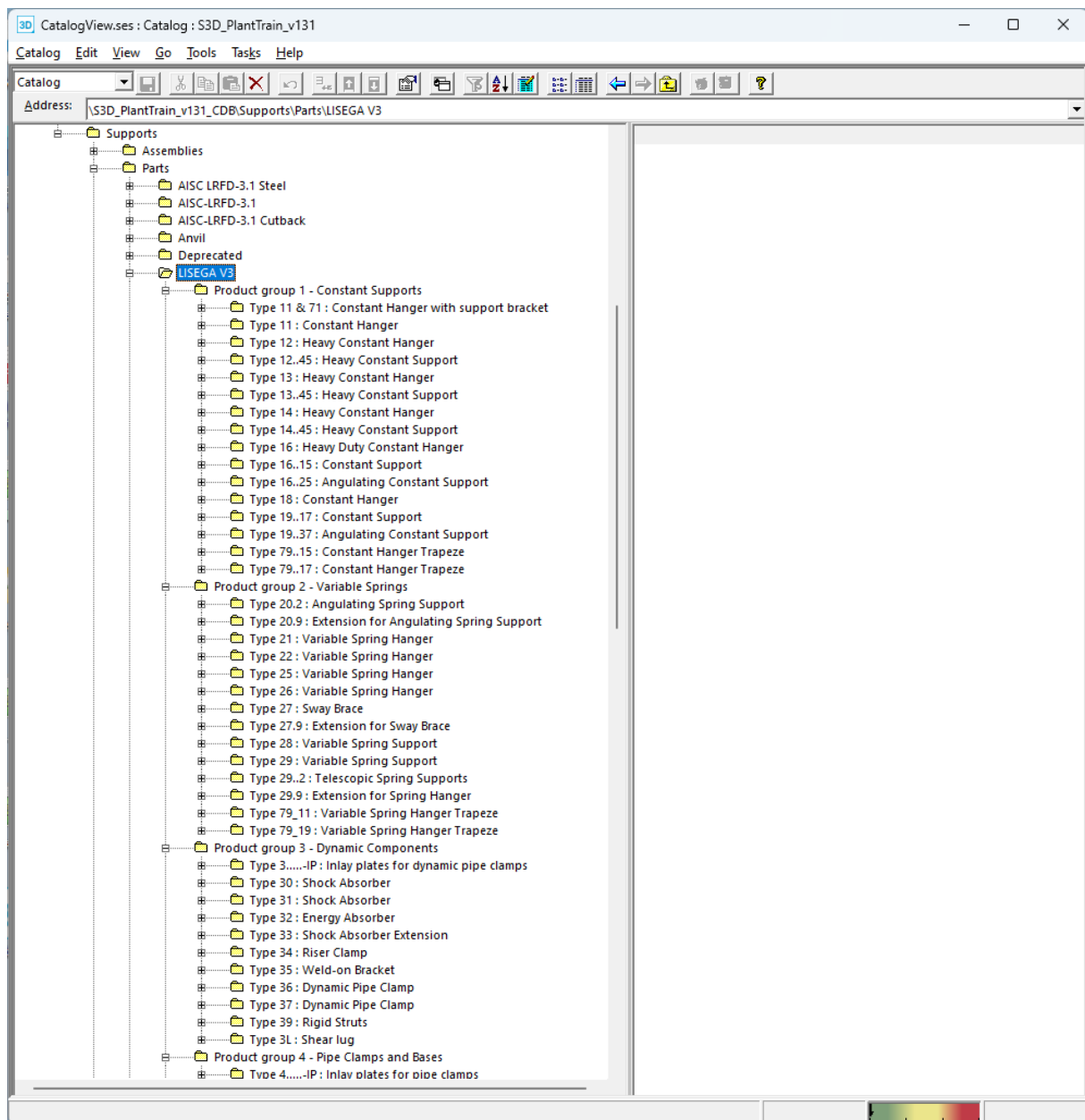


Figure 1 – LISEGA catalog in Smart 3D Catalog Manager

3 LISEGA Smart 3D Hanger and Support Plug-in

3.1 Plug-in Configuration Dialog

The plug-in provides three operating modes. Select the required mode in the plug-in configuration dialog.

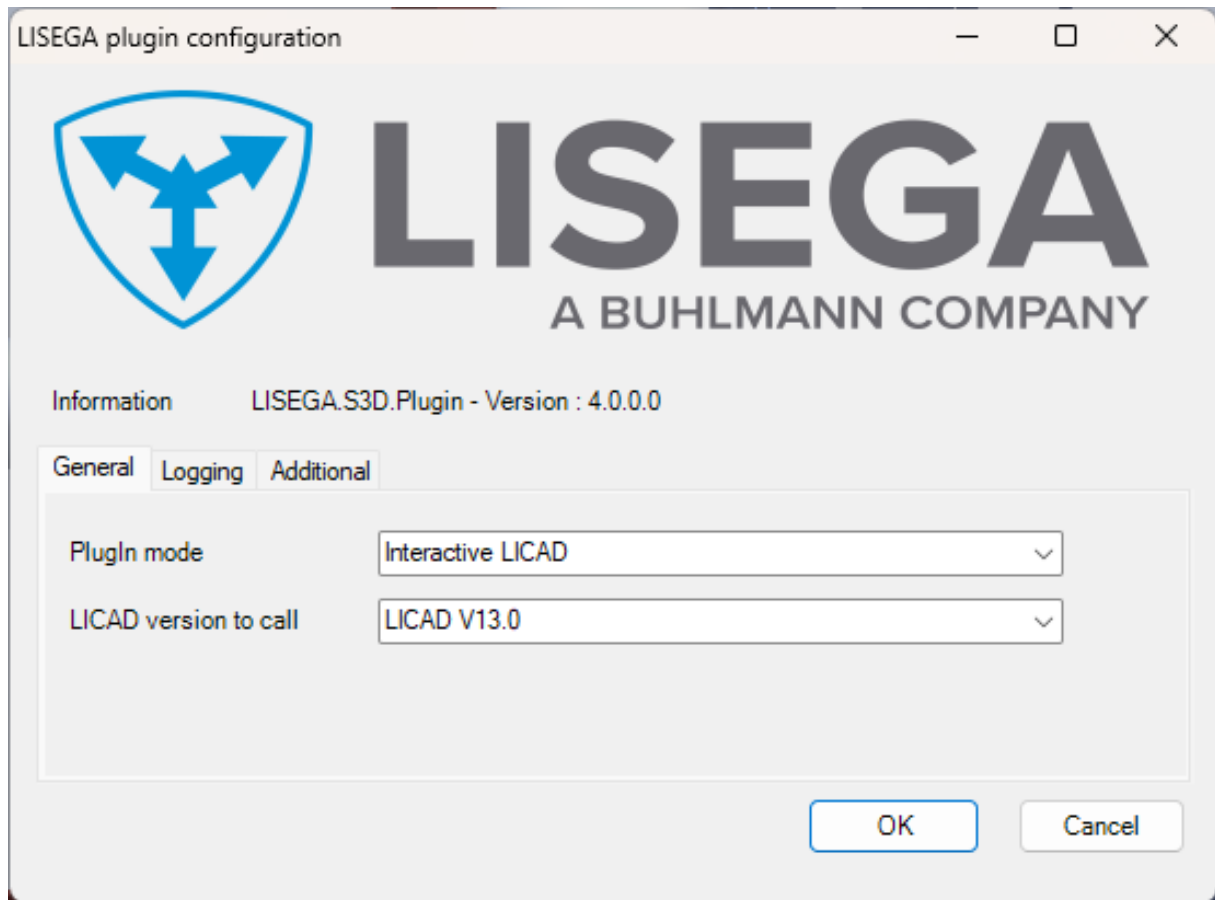


Figure 2 – LISEGA plug-in configuration dialog

The following operating modes are available:

- Interactive LICAD
- Import of L3D or L3DX files
- File exchange

NOTE: “Interactive LICAD” mode is available only if LICAD is installed on the same computer as Smart 3D.

If LICAD is not installed, only the other two modes are available.

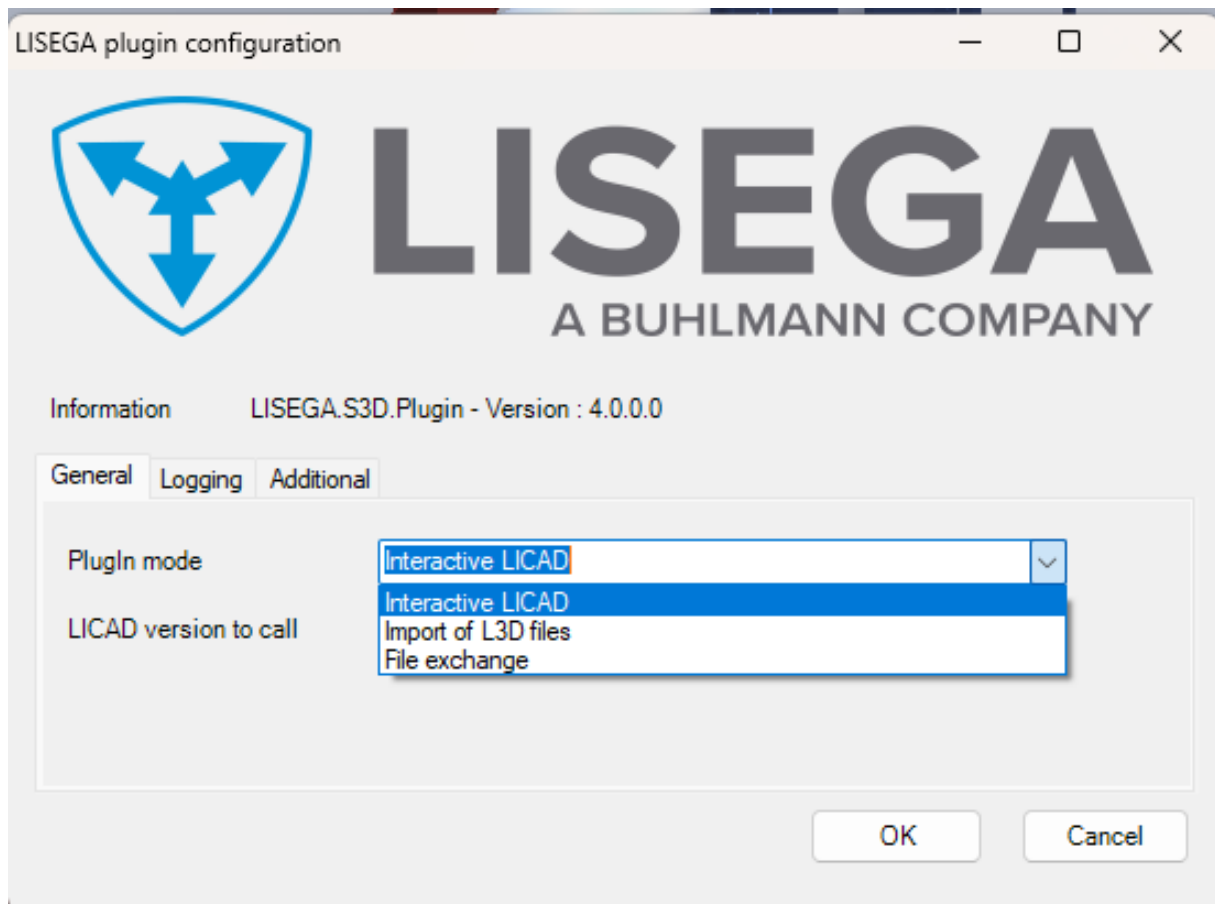


Figure 3 – Available plug-in modes when LICAD is not installed

3.2 Plug-in Attributes

When a LISEGA support is placed, the plug-in assigns additional attributes to the support and its components.

3.2.1 Additional Support Attributes

After a LISEGA support has been placed, the designed support contains the additional attributes shown below.

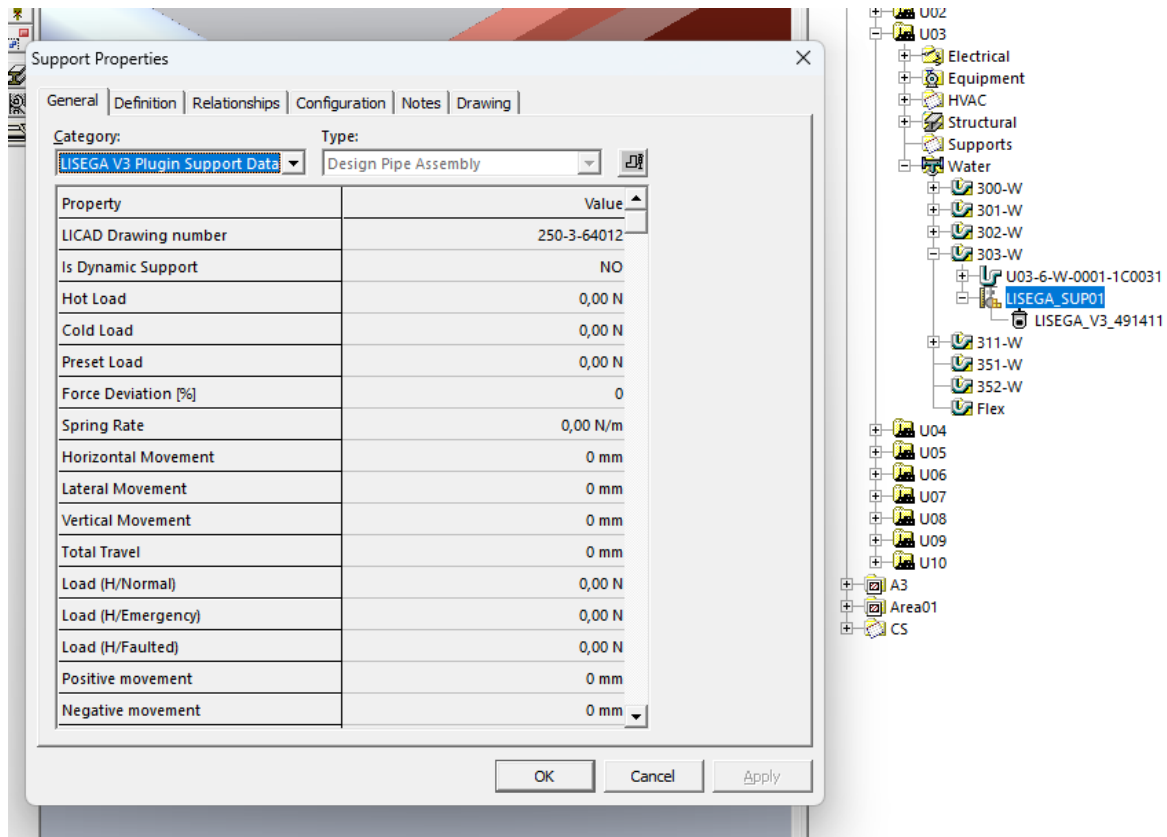


Figure 4 – Additional attributes of the designed support

3.2.2 Additional Part Attributes

Each component of a LISEGA support contains the additional attributes shown below.

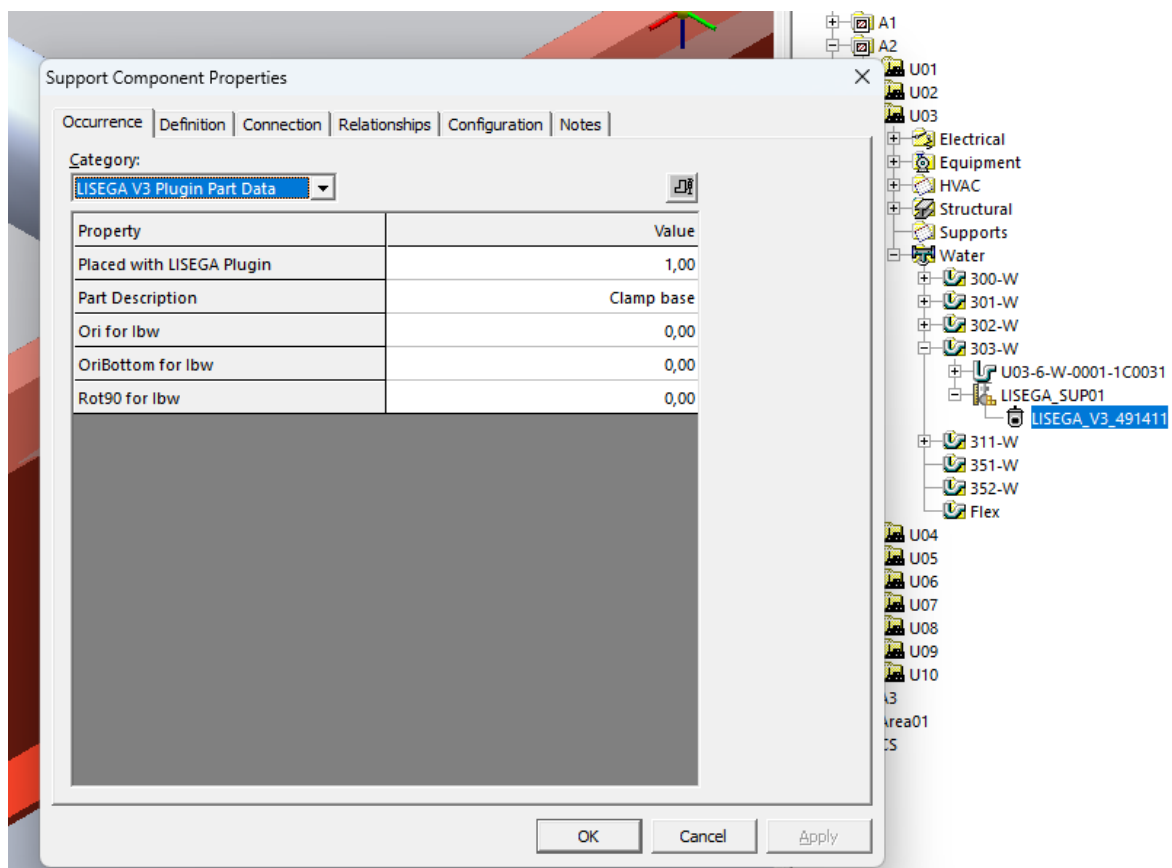


Figure 5 – Additional attributes of a support component

4 Plug-in Usage

4.1 Open the Configuration Dialog

To display the configuration dialog for the currently active plug-in, press and hold one of the following keys: <Ctrl>, <Shift>, <Alt> or <AltGr>. While holding the key, click “Start 3rd Part App” in the “Hanger and Support” task.

HINT: If you click “Start 3rd Part App” without holding one of these keys, the plug-in starts immediately.

4.2 Configure the Plug-in

The plug-in provides three operating modes, but only one mode can be active at a time. Use the plug-in configuration dialog to select the active mode:

- Interactive LICAD
- L3D or L3DX file import
- File exchange

4.3 Run the Plug-in

4.3.1 Interactive LICAD

The plug-in starts LICAD directly and transfers the available data, such as the pipe diameter and pipe center. LICAD interprets the received data and displays it in the relevant form.

4.3.2 L3D or L3DX File Import

IMPORTANT NOTE: LICAD 2026 now creates L3DX files. The plug-in supports both L3DX and L3D files.

The plug-in imports a LISEGA support into the model using an L3D or L3DX file. The file contains information about the required components, enabling the plug-in to place them. The LISEGA pipe support design program LICAD generates these files on demand.

The plug-in displays an Open dialog in which you select the required L3D or L3DX file. After you click “Open”, the dialog closes and Smart 3D creates the support assembly by processing the file and placing the components defined in it.

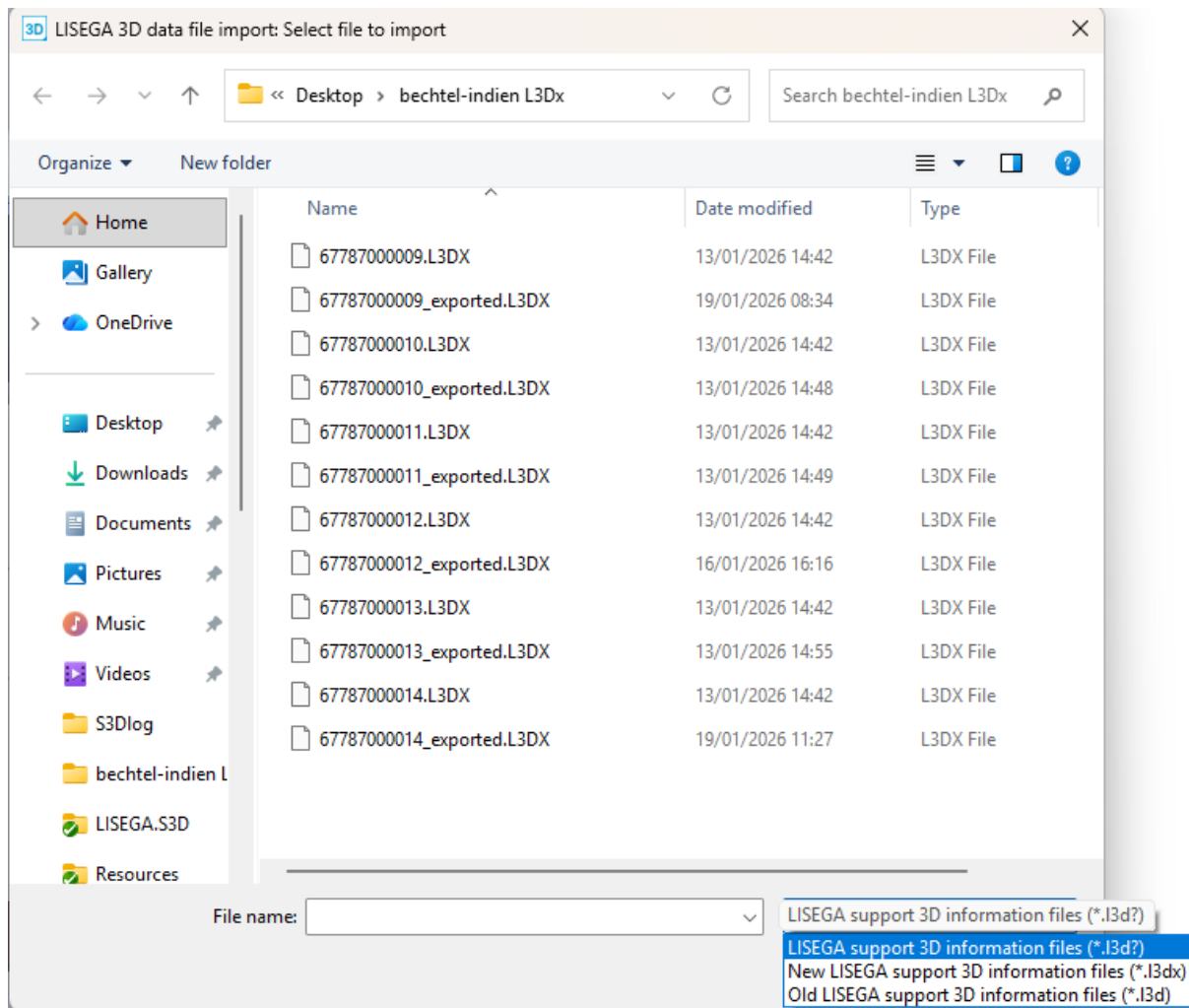


Figure 6 – Selecting an L3D or L3DX file for import

4.3.3 File Exchange

This mode is a specialized L3D or L3DX file import preceded by an export of Smart 3D data.

The plug-in creates a file containing model data such as the pipe diameter, pipe temperature, pipe-center position and, if available, the position of the support connection point.

The plug-in then waits for an L3D or L3DX file with the same base name in the same folder; only the file extension differs. A configurable timeout allows the plug-in to cancel the operation if the expected file is not available within the specified period.

This mode can be used, for example, when LICAD and Smart 3D are installed on different computers.

The file created by the plug-in can be imported into LICAD manually. Alternatively, a program or script on the client computer can monitor a folder for new files and start LICAD with the required parameters when a file is created.

HINT: An example PowerShell script is included in the LISEGA catalog and plug-in installation package.