Finura Import & Export

Piping models from other systems into Plant 3D

Import PCF, RVM+ATT and IFC data into a Plant 3D project. The importer builds connected piping using the project's own components and transfers line data and supports.

PCF / RVM + ATT / IFC

E3D (CAESAR) · Cadmatic

Supported source formats: PCF, RVM+ATT and IFC.

Your project specifications

Map source piping, valve, instrument and support data to the specifications used in your Plant project.

Connections and line data

Create flange joints, gaskets, bolt sets, lap joints and line groups as part of the Plant model.

Check before importing

Review ready lines, missing mappings and connection gaps before writing to the drawing.

Start with your own data

The first test establishes mappings between the source and project specifications. Check the data before importing.

Workflow and deployment

1 Select the source

Open a PCF, RVM or IFC file and the project configuration file.

2 Check the lines

Read and map the data without writing. Review which lines are ready to import.

3 Import and review

Import ready lines into the open drawing. Check the result before saving.

Project-specific mapping

One configuration file defines specification and field mappings, line numbering, and valve and instrument tag formats.

Controlled writing

The importer writes only to the open drawing and does not save it. A missing specification blocks import. Incomplete lines are skipped by default and reported.

Data requirements

Source data quality and project specifications affect the result. Connecting to equipment nozzles is a separate option.

DEPLOYMENT

AutoCAD Plant 3D 2026 and 2027. Finnish and English user interface. Separate licence.

IFC import and IFC4 export are included.

Try it with your own data

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