

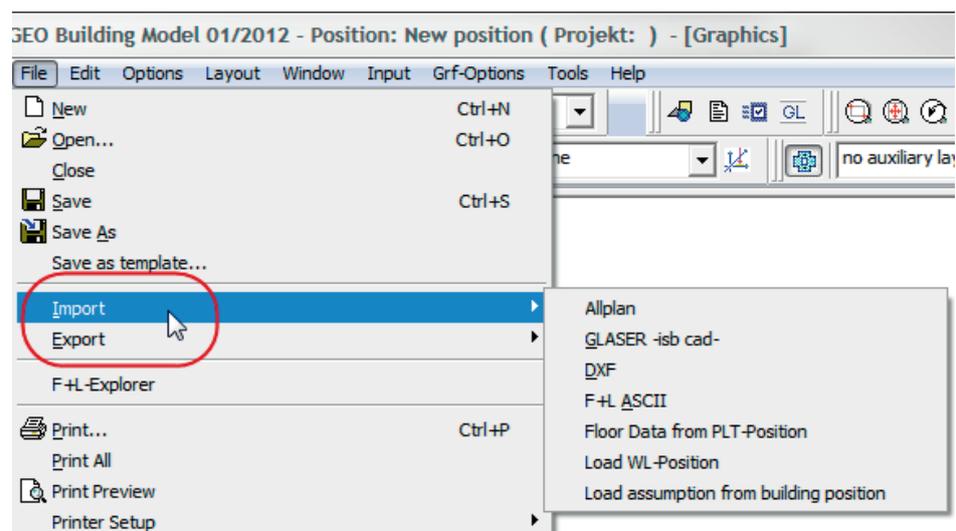
Import and export interfaces

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Import and export interfaces

You can find the IMPORT and Export functions in the FILE submenu. The File menu offers different interfaces depending on the software application.

Note: Depending on the software application, the number of available interfaces may vary. Particular interfaces may be disabled.

The listings below give a [general overview](#) – please contact us to inquire about the scope of interfaces currently available in a particular application.

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Import

>> FILE >> IMPORT

F+L ASCII	imports files in the ASCII format (also from ALLPLAN).
ISB Glaser CAD	import interface to the CAD system make Glaser.
RTF (Word)	import of files in the RTF format
DXF	import of data in the DXF format. The user must specify a file name and a target directory.
EMF	imports graphics in the Enhanced Meta File format (formerly WMF). The user must specify a file name and a target directory.
Get PLT data	interface to the FEM application Buckling Examination PLT
Get WL data	interface to the Wind Load application WL
Transfer of loads from	
Building items	only available in the Building application: Load transfer from a selectable building item

Export

>> FILE >> EXPORT

F+L ASCII	exports data in the ASCII format
Glaser -isb cad-	export interface to the CAD system make Glaser.
ALLPLAN	export interface to ALLPLAN by Nemetschek.
RTF (Word)	exports data in the RTF format, suitable for import in MS Word, for instance.
DXF	exports data to a DXF file. The user must specify a file name and a target directory.
EMF	exports graphics to the Enhanced Meta File format (formerly WMF). The user must specify a file name and a target directory.

DXF Import

Note: This import interface is not generally available in all Frilo software applications.

Menu item >>FILE >>IMPORT >>DXF

Specify the path and file name of the DXF file to be imported in the "File name" input field or just click to the  icon to search and select the desired DXF file.

The DXF layers (rows) and the included objects (columns) are shown. The selected layers (ticked in the "Import" column) are imported.

Columns on/off	displays or hides columns
Displace	allows the user to specify a displacement along the coordinate axes.
Rotate	allows the user to specify a rotation around the z-, x- and y-axes.
Scale	important option in connection with different dimensional units (m, cm). The scaling factor allows the user to align the imported DXF file to the dimensioning used in PLT. The dimensional unit for internal calculations in PLT is [cm]. If the system was entered in a CAD application on the basis of metres, the user must specify a scaling factor of 100 in this option.

ASCII file

The input data of an item can be imported as an ASCII data record from or exported as an ASCII data record to a file.

The function is available via the menu options:

File → Import / Export → ASCII file

or

Project/item → Import / Export

The content of the ASCII file describes structural items (system data) in a readable format defined by Friedrich + Lochner.

There are several possibilities to generate this file:

- Export of data from the Frilo software applications specified above
- Files created by the user with the help of any suitable editor
- Generation with the help of an external software application

Edited system data should be checked carefully, because errors detected in the interactive definition will pass unnoticed through the import process

Rules

- All values are to specified in the units [kN] and [cm],
- Each line starts with a keyword. The definitions relating to the keyword must not cover several lines (even if, for reasons of available space, several lines are used in the documentation for a single keyword).
- The line length is not restricted.
- Start comment lines always with "@".
- Use either space or comma as a separating character between the input values (do not use tabs)!
- If not specified otherwise, set dummy values for parameters that are not required.