



TUTORIAL

IMPORT & EXPORT DATA

IMPORT & EXPORT DATA

DESCRIPTION

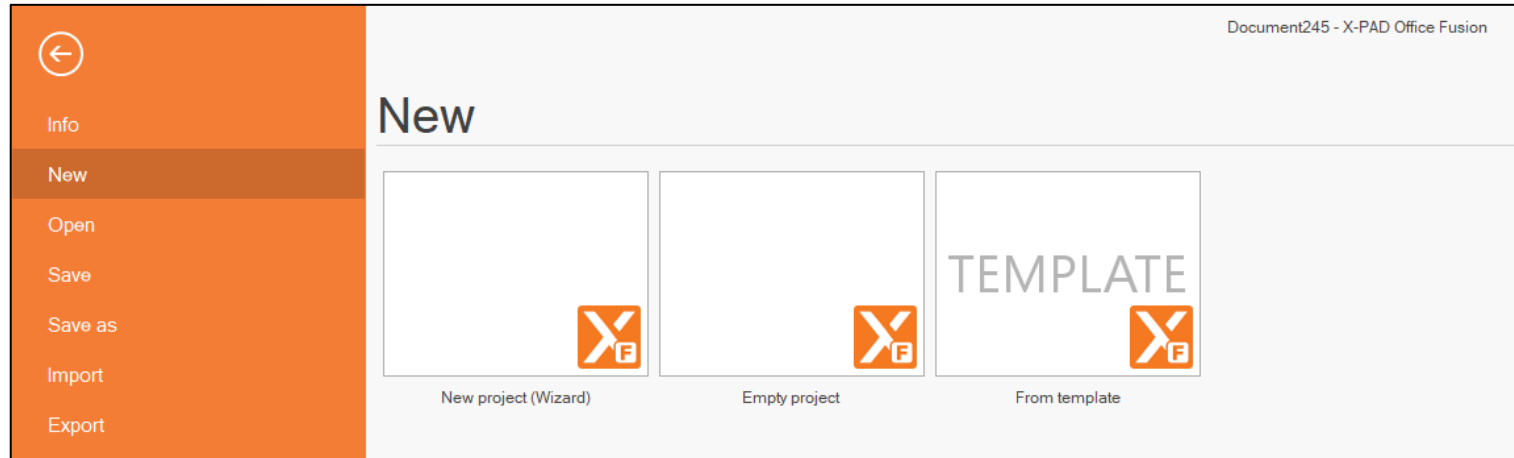
- Data import
- Data transfer
- Data export

GOAL

- Learn how to import & transfer data
- Learn how to export

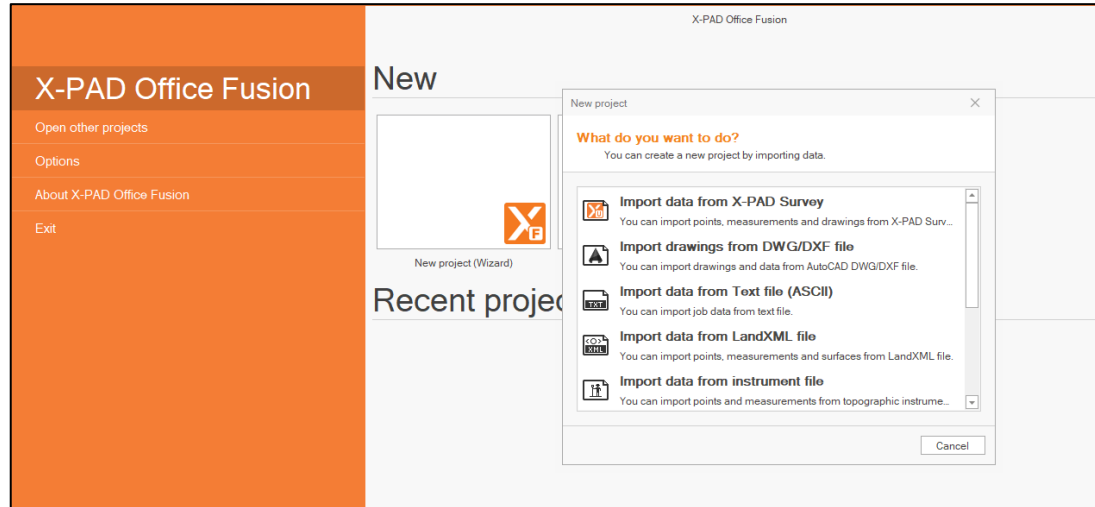


New Project



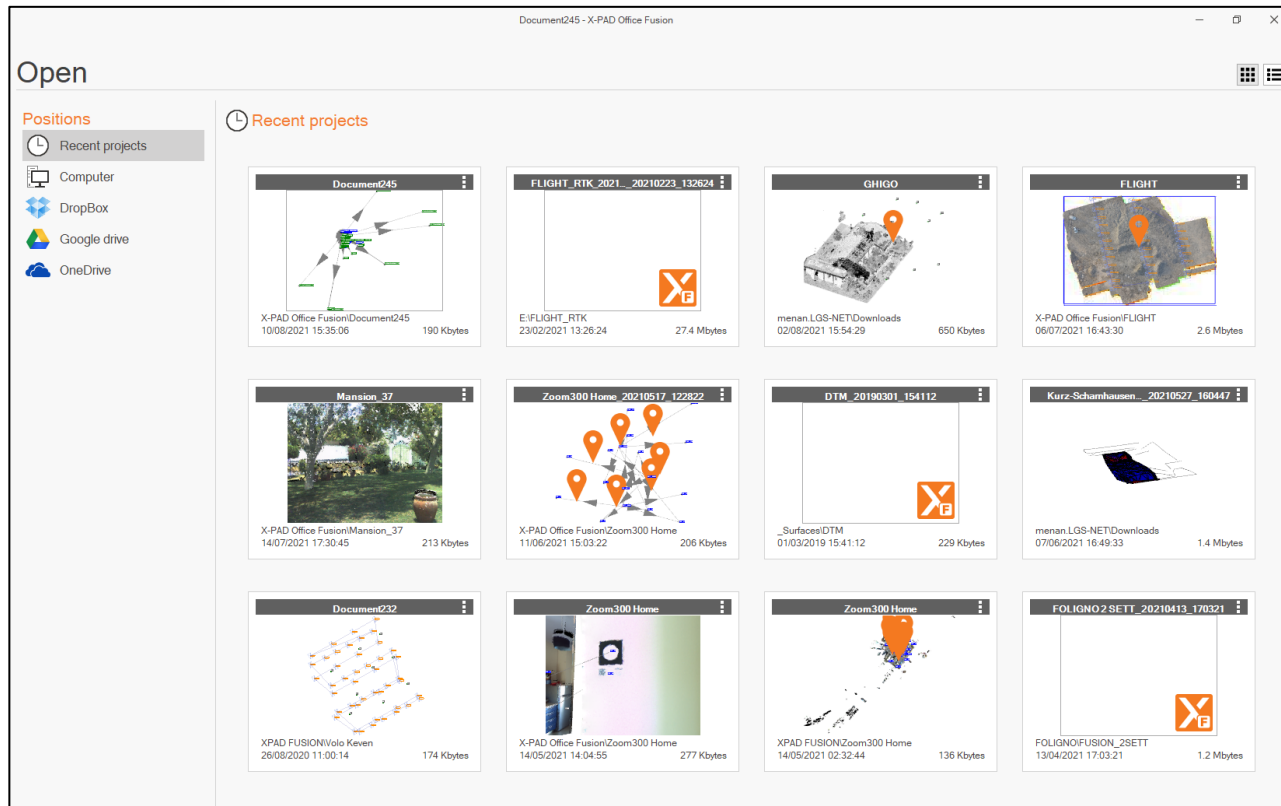
- Click on **New project (Wizard)** to open a new project and being guided on data import
- **Empty project** creates a new projects without any data
- **From template** open an existing template saved

New Project



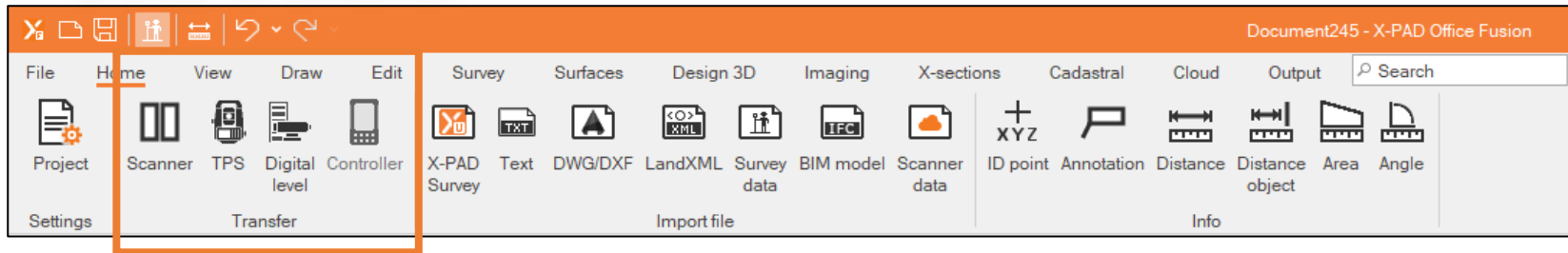
- From **New project (Wizard)** It is possible to create a new project by directly importing data from X-PAD Survey, Instruments profiles and several file formats

Recent Project



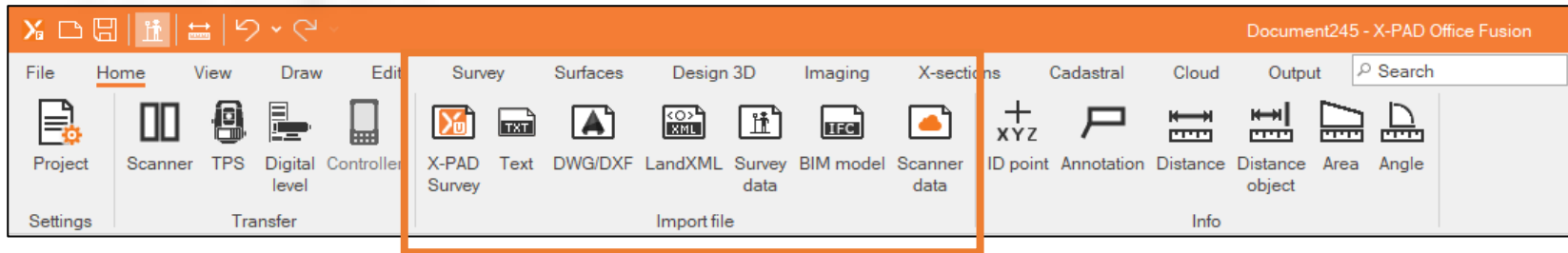
Click on **Recent project** to open an existing project

Data transfer



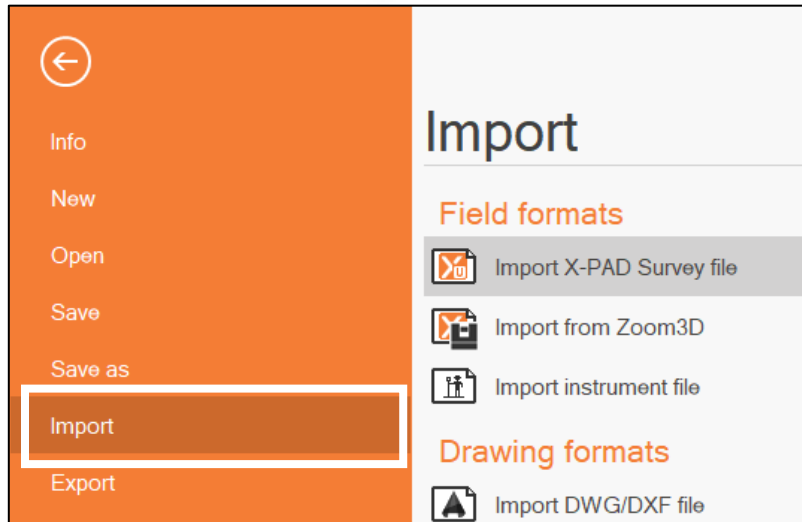
- **TRANSFER** bar are the toolbar where find all the features related to direct data importation
- Zoom300, BLK2GO, BLK360 can be connected directly to the PC by WiFi or cable and data directly imported
- Several TPS units can also be connected directly to the PC by RS232, BT or USB and the data directly imported
- Data can be imported also from the controller, from Windows Mobile or Android controllers by BT, USB or WiFi connection

Data import



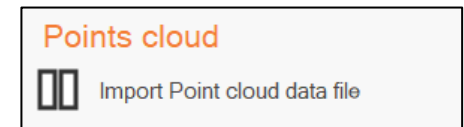
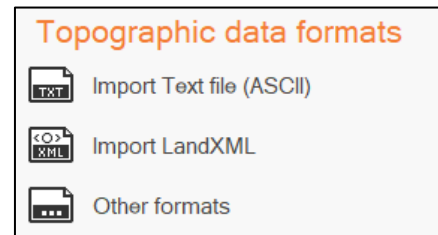
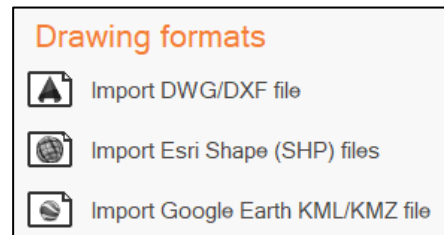
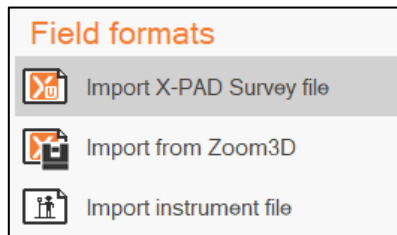
- **IMPORT FILE** bar are the toolbar where find all the features related to data importation
- Scanner data can be imported in different format as X-PAD OFFICE FUSION data (XPCL), GeoMax Zoom 300, Text (ASCII), Leica Cyclone (PTS, PTX, RTC360, BLK2GO), RECAP- Autodesk (RCP, RCS), FLS-Faro or Miscellaneous (E57, LAS)
- Select X-PAD Survey to import file recorded in the field with X-PAD Field software
- Topographic data can also be imported as ASCII file, DWG/DXF, LandXML or different Survey data from different brands

Data import

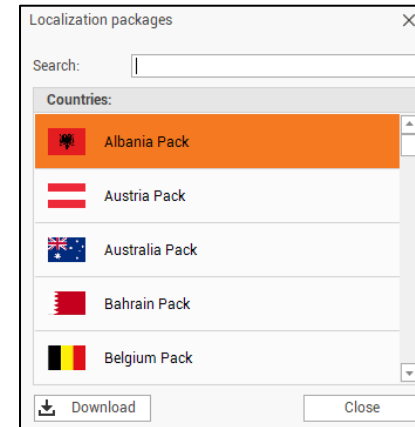
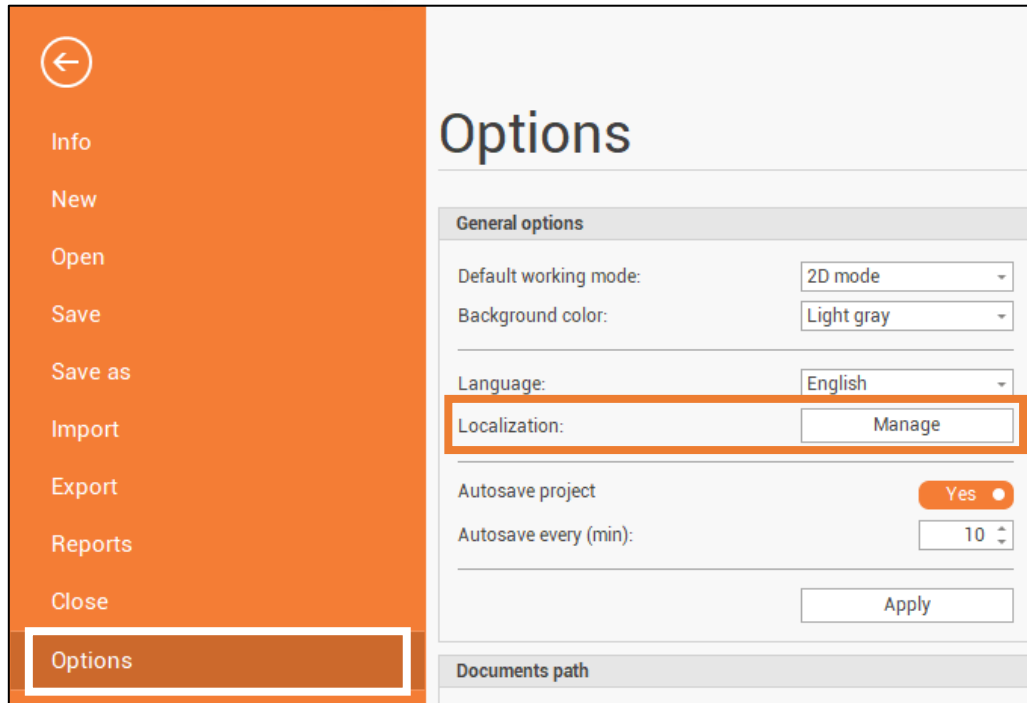


Data can also be imported from the File menu using different File Formats

- *Select File -> Import and the File Format*
 - Field Formats
 - Drawing formats
 - Topographic data formats
 - Points cloud
 - 3D formats

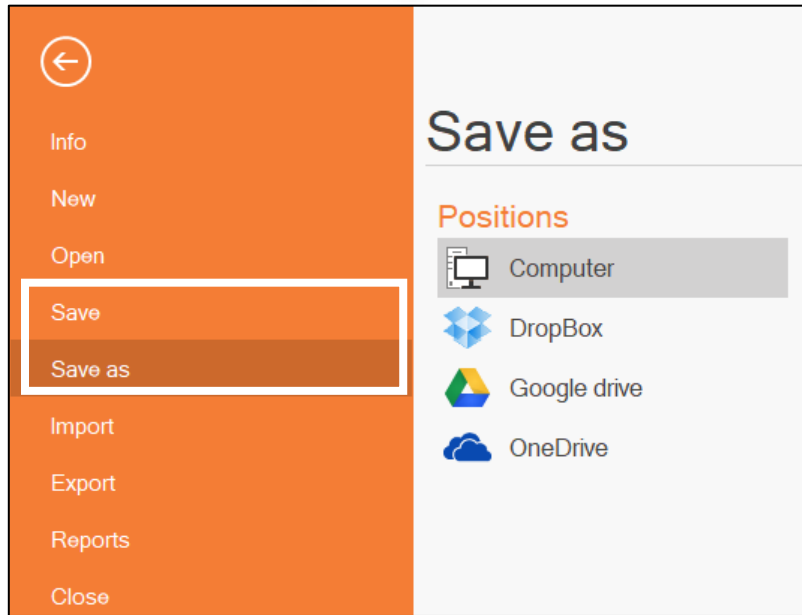


Data import



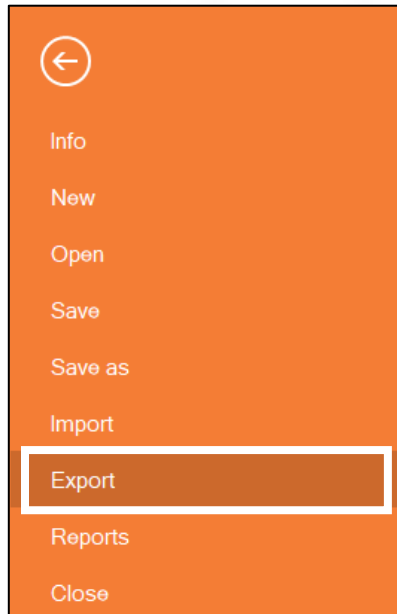
IMPORT LOCALIZATION PACKAGES: from Options > Localization it is possible to download the default localization packages for your country

Save project

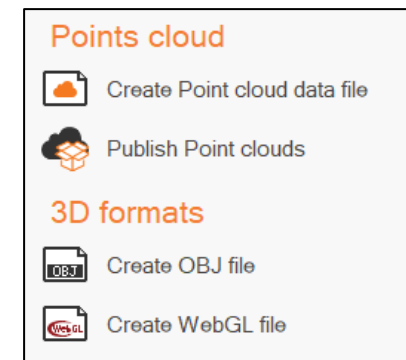
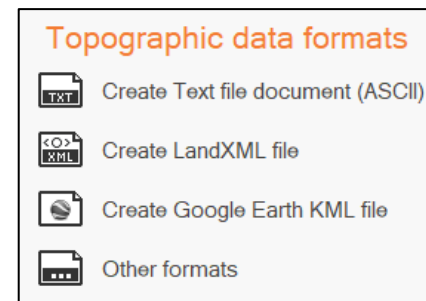
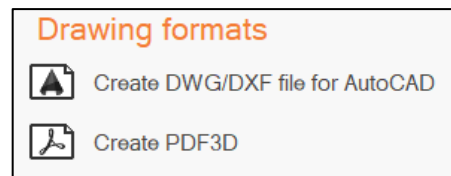
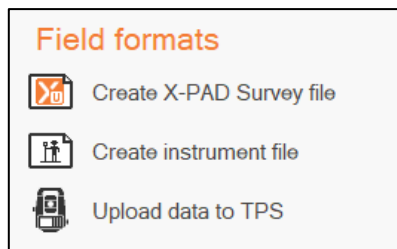


- *Select File -> Save as* to save the project locally on the PC
- *Select File -> Save as Revision* to save a copy of the project with an incremental revision ID
- *Select File -> Save as template* to save the current project as template and use it for future projects

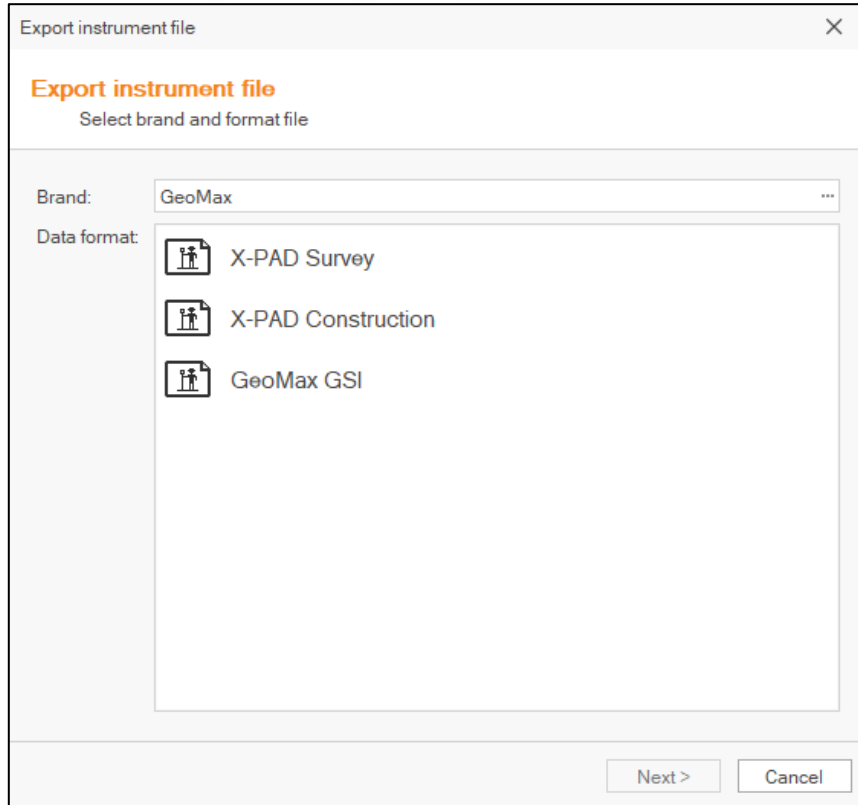
Export project



- *Select File -> Export to save Project*
- *Select File Format:*
 - Field Formats
 - Drawing formats
 - Topographic data formats
 - Points cloud
 - 3D formats



Export project



*Selecting **Field Format** it is possible:*

- Select different BRAND
- Select DATA FORMATS

Export project

Create DWG/DXF file for AutoCAD

Export the drawing in DWG/DXF format to be able to loaded in AutoCAD or in any other software.

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Create DWG/DXF file for AutoCAD
Export surveys, drawings and surfaces in AutoCAD DWG/DXF file.

Export
- 

Create DWG/DXF file for AutoCAD with cross-sections
Export cross-sections groups in single or multiples AutoCAD DWG/DXF files.

Export
- 

Create DWG/DXF file for AutoCAD with orthophotos
Export orthophotos in single or multiples AutoCAD DWG/DXF files.

Export

File name:

\\Public\Documents\X-PAD Office Fusion\Document1\Export\Document1.dwg 

File name:

rs\Public\Documents\X-PAD Office Fusion\Document1\Export\Document1.dxf 

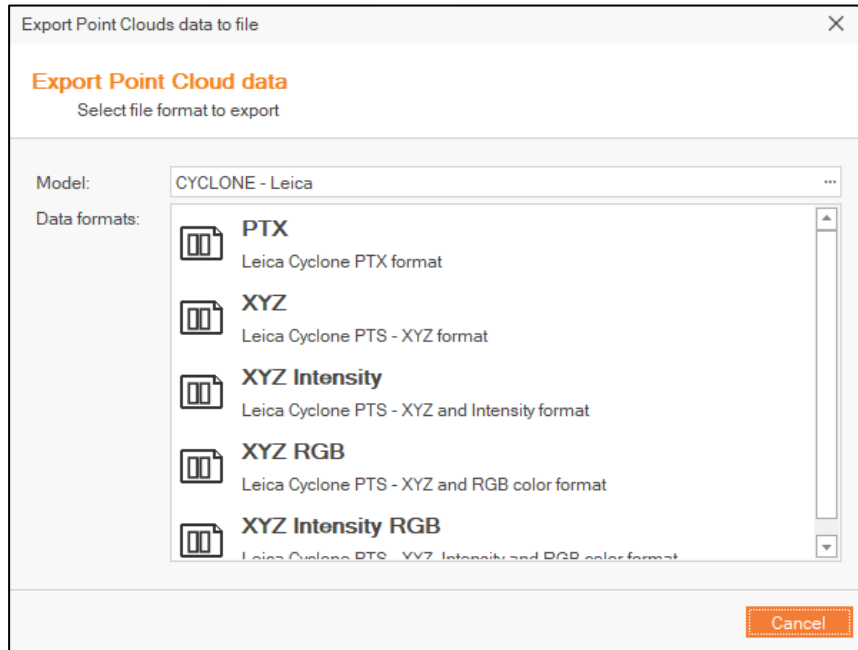
*Selecting **Drawing Format** it is possible:*

- Create DWG/DXF for AutoCAD
- Create DWG/DXF for AutoCAD with cross-section
- Create DWG/DXF for AutoCAD with orthophotos

From File name it is possible to select the file path and change from DWG to DXF format



Export project



*Selecting **Point Clouds** Format it is possible:*

- Select different MODEL from CYCLONE – Leica (PTX, XYZ)
RECAP – Autodesk (RCS)
Text (ASCII)
Other formats (E57, LAS, SurPac)
- Select DATA FORMATS
- Publish the Point Clouds in order to be loaded and explored in a web browser and/or in any computer without the need to install X-PAD Fusion

