Link-It™ Publish Documents

Link-It™ Publish Documents is a publishing tool for CAD applications. It can process multiple CAD documents in one run, with advanced publishing method features for printing and file exporting. If you wish to automate routine design tasks, Publish Documents can be connected with your company's current data management systems such as ERP, PDM, and PLM.
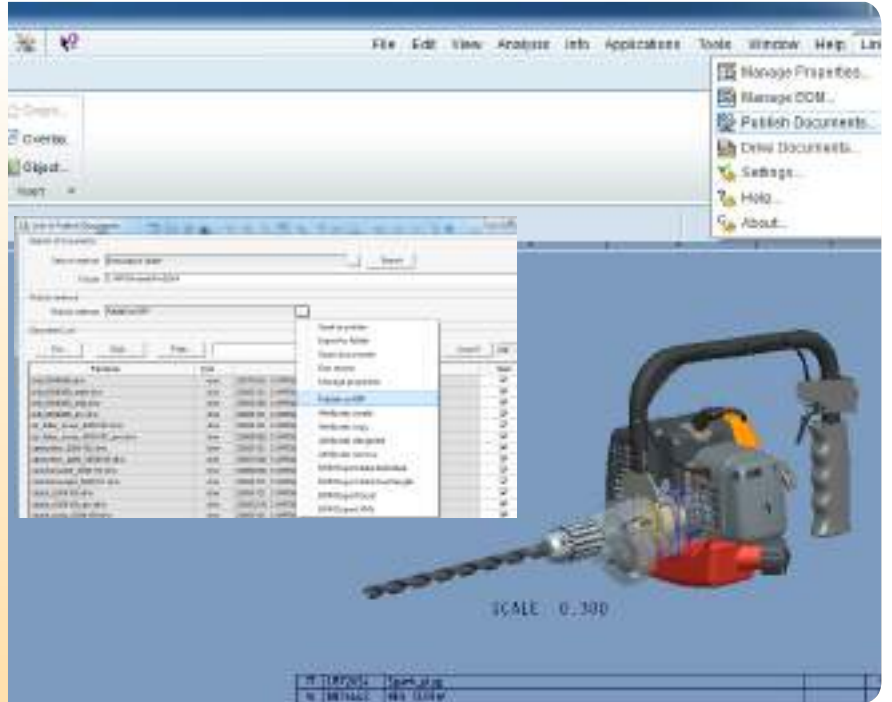
Main features

Configurable: Publish Documents is fully adaptable to meet the needs of company-specific rules and processes.

Integrable: Publish Documents can link with business system solutions such as ERP, PDM, and PLM.

Extensive support: Publish Documents is available for most popular CAD systems: Pro/ENGINEER, Creo Elements/Pro, SolidWorks, Autodesk Inventor, and AutoCAD.

Benefits
- Speeds up and simplifies designers' work
- Ensures the data quality before moving transfer to business systems
- Improves the traceability of product data between different systems
- Automates time-consuming and error-prone routine tasks
- Standardizes and streamlines design processes
- Reduces the need for complicated engineering instructions

Seamless integration with your CAD system

Link-It™ Publish Documents is integrated into the CAD system's user interface. Publish Documents supports your CAD system's file export formats and its native way to manage attribute data, user defined macros and print setups.

In a multi-CAD environment, one generic Publish Documents setup will link with multiple CAD systems.

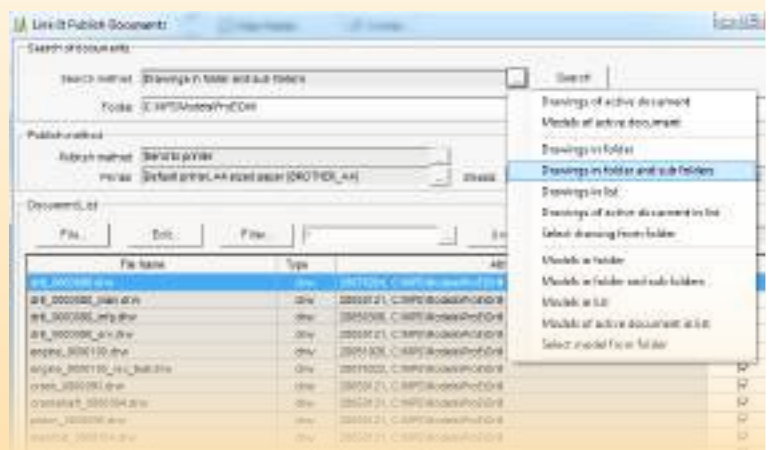| CAD system	Method to manage attribute data	Method to manage part families
Pro/ENGINEER	User Parameter	Family table
Autodesk Inventor	iProperty	iPart, iAssembly
AutoCAD	Block attribute, X-Data	N/A
SolidWorks	Custom Property	Configuration table

Features

Document list
Get a comprehensive list of CAD files intended for batch processing. To populate the list, you can
- select CAD files one by one from a folder
- select folder and get all CAD files in folder
- select folder and get all CAD files in folder and its sub folders
- select text file including names of CAD files
- get all CAD models and drawings related to an assembly
- get all CAD files in active Windchill® workspace

In addition, the document list can be sorted and filtered as desired, e.g. according to file type or last modified date.

Features

Publish methods

Send to printer. Send documents to selected printers. Select different printers for different drawing sizes.

Export to file. Export documents to different file format. Select the suitable export format from the CAD system's export format list.

Run Macro. Run CAD macro for documents. Create CAD macro by using the CAD system's native macro tools such as recorded macro.

Open documents. Review documents.

Manage Properties. Open the Link-It™ Manage Properties data form for documents.

Custom publish. Customize other publish methods in line with your company-specific rules and processes.

With Custom publish, you can
- improve automation by combining multiple publish methods
- check and manipulate CAD document attributes
- embed intelligence using rules
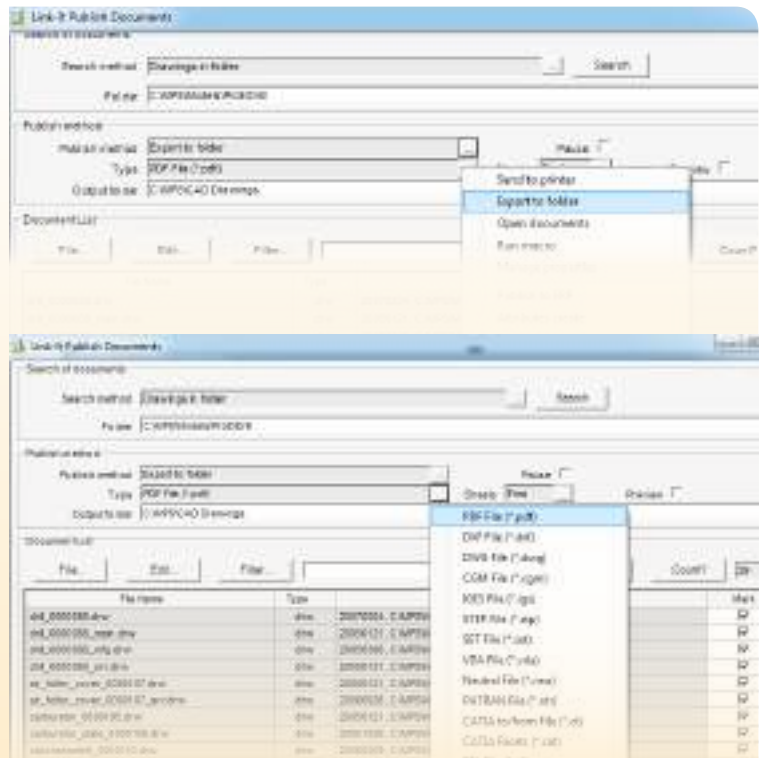- integrate with other systems using custom functions

Check and manipulate attributes

Check for the presence of attributes and monitor attribute values
- create new attributes
- remove disused attributes
- copy and join attribute values
- designate parameters (Pro/ENGINEER)

Rules

Rules is a powerful and simple way to embed intelligence into the publishing process. For instance, you can create rules to automate export format selection and file naming. With rules, you can use CAD document attributes, drawing sheet size and number, as well as date, time and user information.

Custom functions

Custom functions can be used to improve the functionality and automation throughout the publishing process. A function call can be linked directly to the publishing method. In this case, the function call is executed within each document on the publish list. Function calls can also be linked to the beginning or the end of a process, and are executed only once during the publishing process.

With custom functions, you can set up simple one-directional or advanced bidirectional links with any system that supports SQL, XML, MS Excel or simple text file based data transfer. No special programming skills or tools are required to customize functions, as they use an easy-to-understand script language and can be modified with any common text editor.

Link-It™ Publish Documents software is installed on a server that allows CAD workstations to access the program centrally. Upgraded settings or configurations are immediately available to all users, including other CAD program users.

Link-It™ Publish Documents is available for the following CAD systems: Pro/ENGINEER, Creo Elements/Pro, SolidWorks, Autodesk Inventor, and AutoCAD.

soft
Technology for higher productivity

MP Soft Oy is a software company that serves the manufacturing industry. We create integrable software solutions for CAD systems that improve the productivity and quality of mechanical design. Our solutions streamline design processes complicated by different information systems and rules. Our customers have pointed out that our Link-It™ solutions have noticeably improved designer productivity and motivation as well as data quality.