Link-It™ Manage Properties is an extension to CAD system that makes it possible to manage all product item and CAD document attributes in one intelligent Data Form. Manage Properties guides the designer to define product data according to the design rules and terminology of your company. Manage Properties can be connected with your company’s current data management systems like ERP, PDM, and PLM to streamline complicated design processes.

**Main features**

**Configurable:** The Manage Properties data form is fully adaptable to meet the needs of company-specific rules and processes.

**Integrable:** The Manage Properties data form can link with business system solutions such as ERP, PDM, and PLM.

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

**Benefits**
- Speeds up and simplifies design work
- Manages data quality at an early stage
- 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 Manage Properties is integrated into CAD system’s user interface. The data entered into the form is stored in the CAD file. Manage Properties fully supports each CAD system’s native way to manage attribute data and part families inside the CAD file.

In a multi-CAD environment, one generic Manage Properties setup will link with multiple CAD systems, while fully utilizing their existing attributes as well as document and report templates.

**Link-It™ Manage Properties further saves time by automation that:**
- Creates new attributes to CAD document
- Removes disused attributes from CAD document
- Copies and joins attribute values in CAD document
- Copies attributes between CAD model and drawing
- Links CAD attribute with model’s color definition
- Links CAD attribute with model’s material definition
- Links CAD attribute with model’s weight definition
- Links CAD attribute with CAD document filename
**Features**

**Data fields**
Fields for user input. Configurable properties such as automatic data formatting, text length limit, drop-down menu, tool tip, default value, mandatory field, and trigger to execute function.

**Buttons**
Execute custom functions.

**Frames**
Organize data fields and buttons inside a frame line.

**Sheets**
Divide data form into multiple sheets.

**Dictionary**
Configurable database consists of the most common product descriptions in multiple languages.

**Revision table**
Documents the revision changes.

**Search forms**
Search and get item data directly from external data management systems such as ERP, PDM, and PLM.

**Number generator**
Generate and manage unique codes.

**Rules**
Rule is a powerful and simple way to embed intelligence and automation into data form. A typical rule contains one or several logical expressions that evaluate user input, and sets properties of other data fields according to result. For instance, a rule can define that a certain value inputted to one data field causes some other field to disappear or change the content in a drop-down menu.

Rules are also often used to automate data input. A rule can, for example, gather values from several input fields and combine them automatically as a new value for some other field.

**Custom functions**
Custom functions can be used to improve the functionality and automation of the data form. A function call can be linked directly to an action button, a drop-down menu or a data field of the data form.

With custom functions you can establish 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™ Manage Properties** software is installed on a server that allows CAD workstations to access it centrally. Upgraded settings or configurations are immediately available to all users, including other CAD program users.

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

**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.