# PROJECT complete

Marking software

# About PROJECT complete

PROJECT complete is a direct replacement for CLIP PROJECT and offers a new look and new features. The software is free and can be downloaded and registered at:

www.phoenixcontact.com/project-complete

This guide will help step you through the features of creating and printing marking files.

Operating system: MS Windows 7 (32/64-bit), MS Windows 8 (32/64-bit), MS Windows 8.1 (32/64-bit), MS Windows 10 (32/64-bit)

For assistance with any topic in this guide, please contact our technical service department
**800-322-3225**: Monday-Thursday 8 am-8 pm EST, Friday 9:30 am-5 pm EST

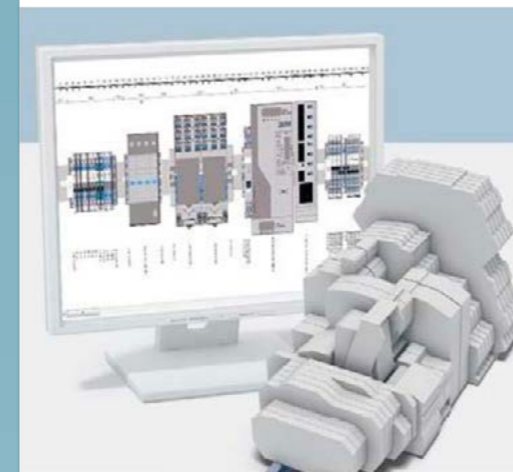## New features of PROJECT complete marking

- ☑ The template build is now included to create custom templates
- ☑ Speed marking for rail assembly
- ☑ Easier visual layout
- ☑ Search by type or part number for materials

# Creating and printing a marking file

## Getting started

Click the PROJECT complete marking icon to open the software.
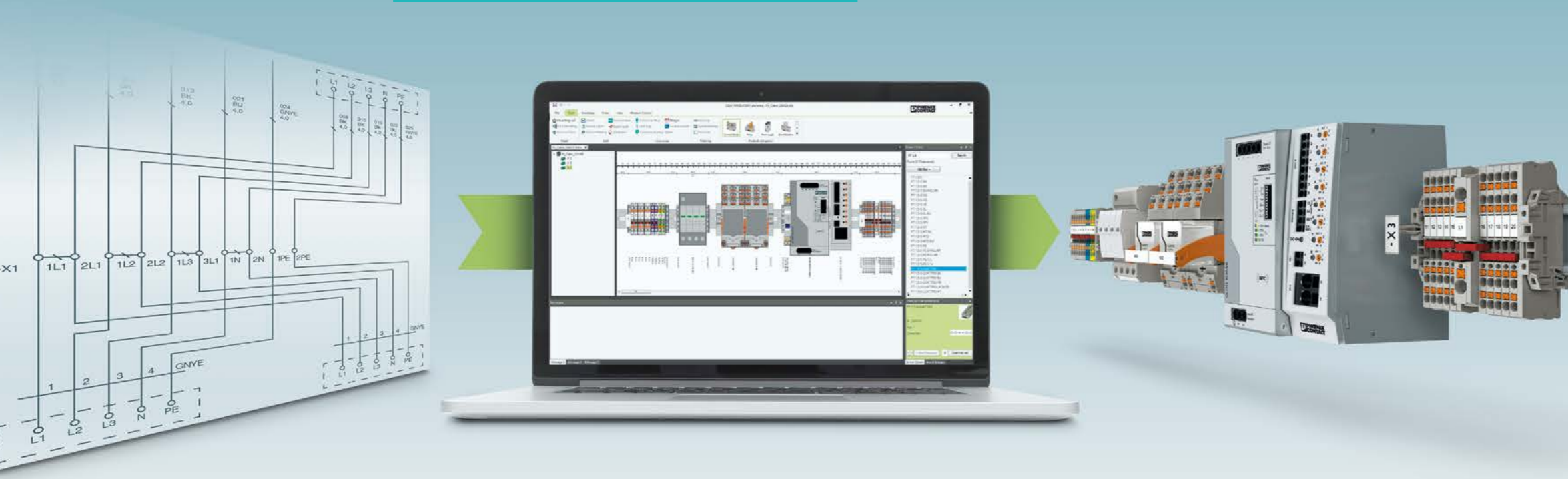
Allow a moment for the program to load.

**PROJECT complete**
Planning and Marking Software

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1.0 8545

# Table of contents

## Inserting new material

The initial starting page will display the ability to create a new marking project



You may search for material by entering the part number or type description or scroll through the list

Using the Insertion Center (if Insertion Center is not active, go to View and click the insertion center icon) navigation panel, select your printer

Using the material list associated with your printer, select your desired marker

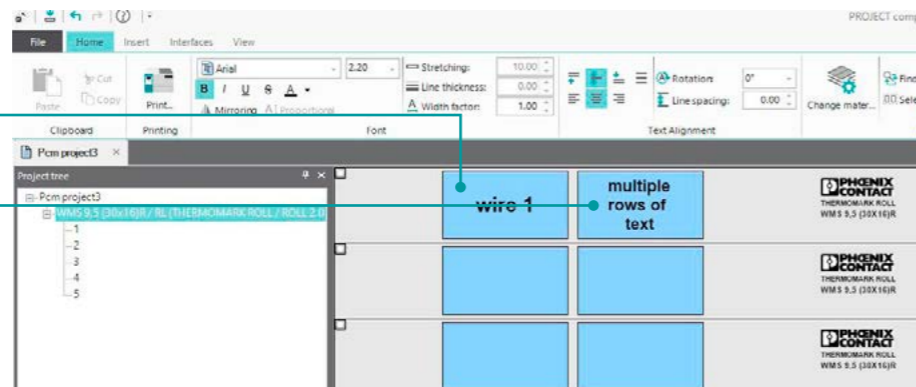Double click to insert the marker file on the screen
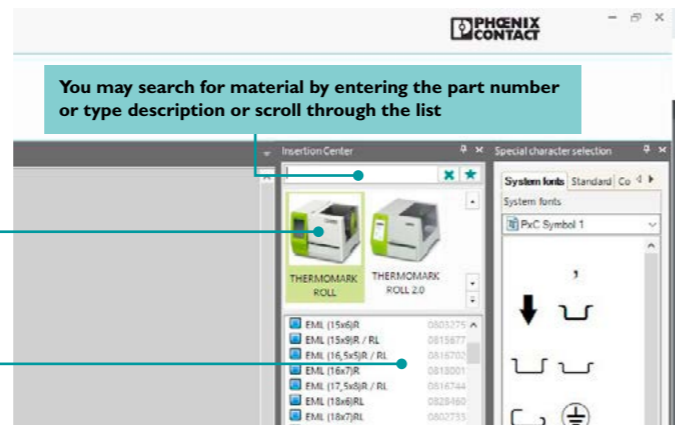
## Inputting data



Click on the marker to enter data

To enter multiple lines of text on a marker, hold Alt + Enter or use the down arrow on the key pad

By hitting Enter or Tab, you will be moved to the next row of markers
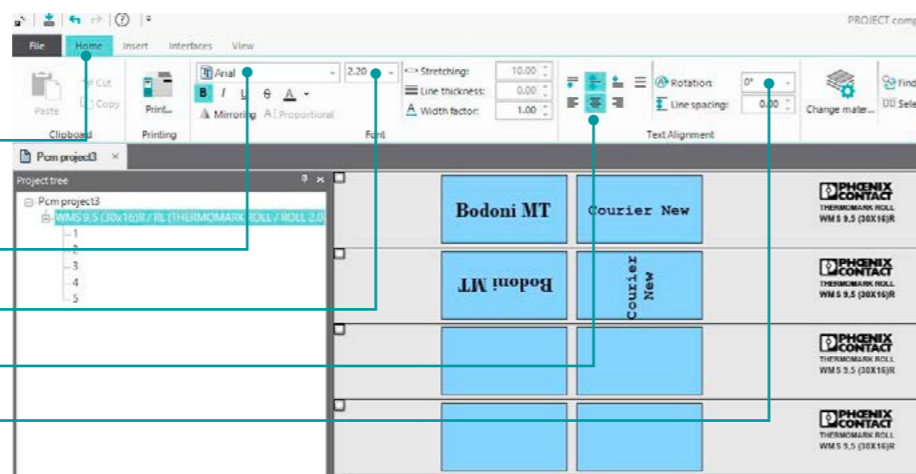
## Text editing tab



Click Home tab (must highlight the marker before changing font)

Choose font type. Arial is the default.

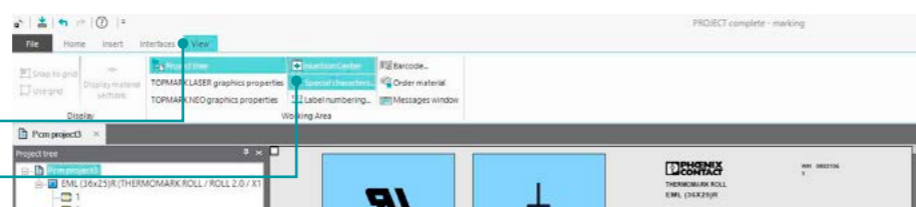Set font size if needed

Set font alignment

Text rotation

## Special characters



Click on View
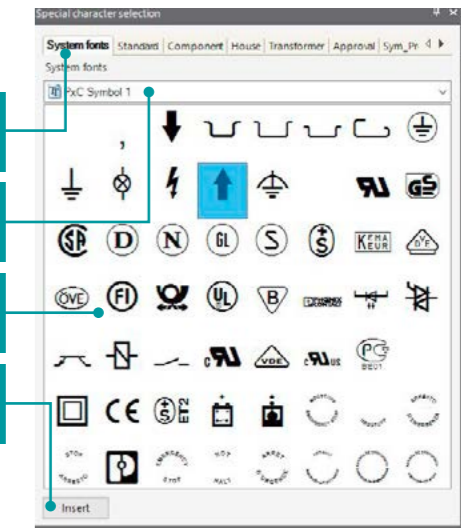
Click Special characters

## Working area: special characters



Choose symbols from categories by selecting the tab along the top of the window.

The drop-down menu opens up other choices under System fonts only. All others have just one type.

Select the desired symbol.

Click insert, double click, or drag and drop onto marker.

## Automatic sequencing



Click View

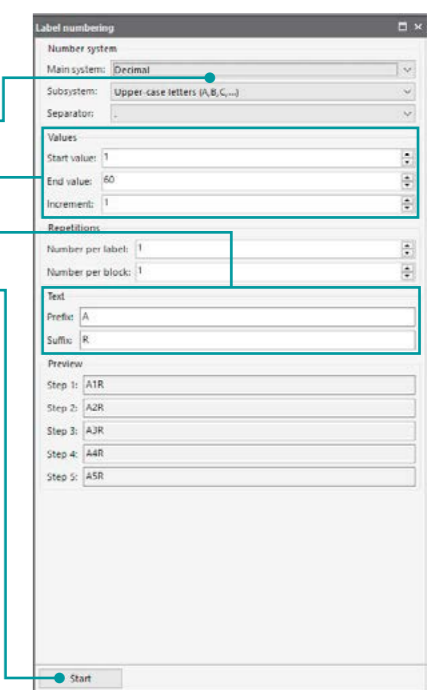Click on Label numbering

Label numbering

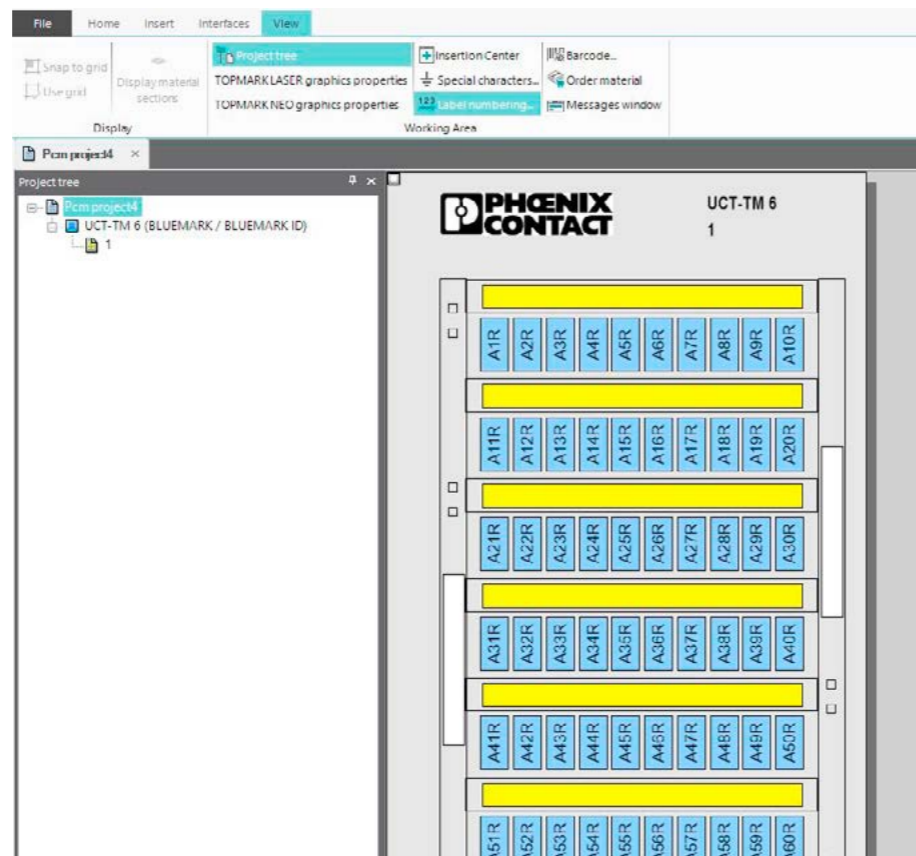## Working area: automatic sequencing



Choose between numbers or letters

Select the start value, end value, and increment

Enter any alphanumeric prefixes if needed

Click Start

## Label numbering sample



## Examples

Font style and size

Text rotation

Symbol

Enumeration with the prefix A- and postfix -T3



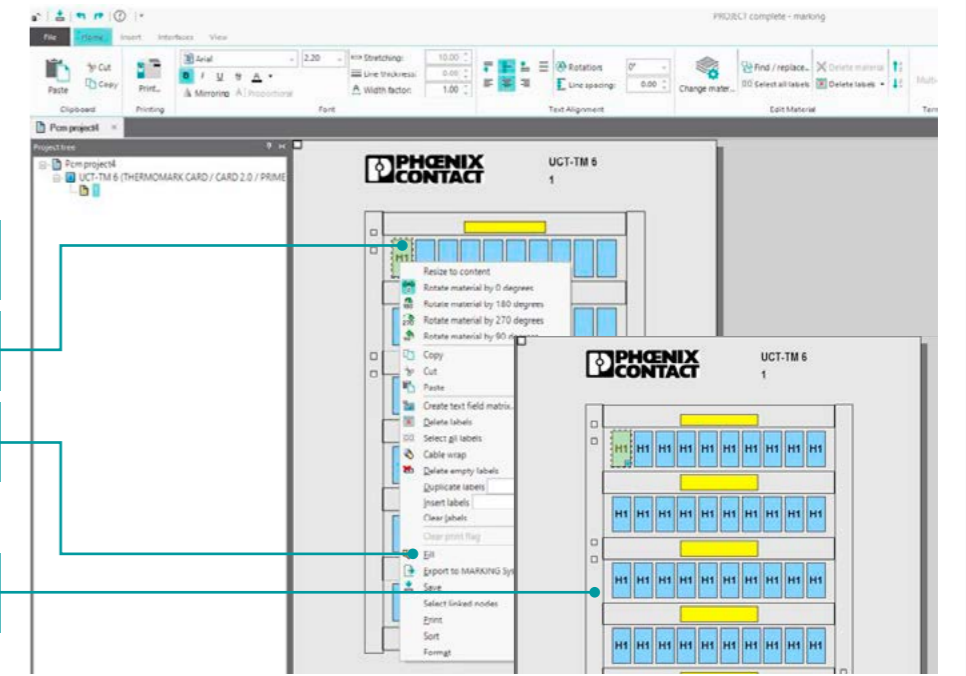## Using the Auto Fill function

This fills the remaining markers with the same content

Only available for labels with multiple rows of markers

Enter data into the first marker

Right click on the first marker and select Fill

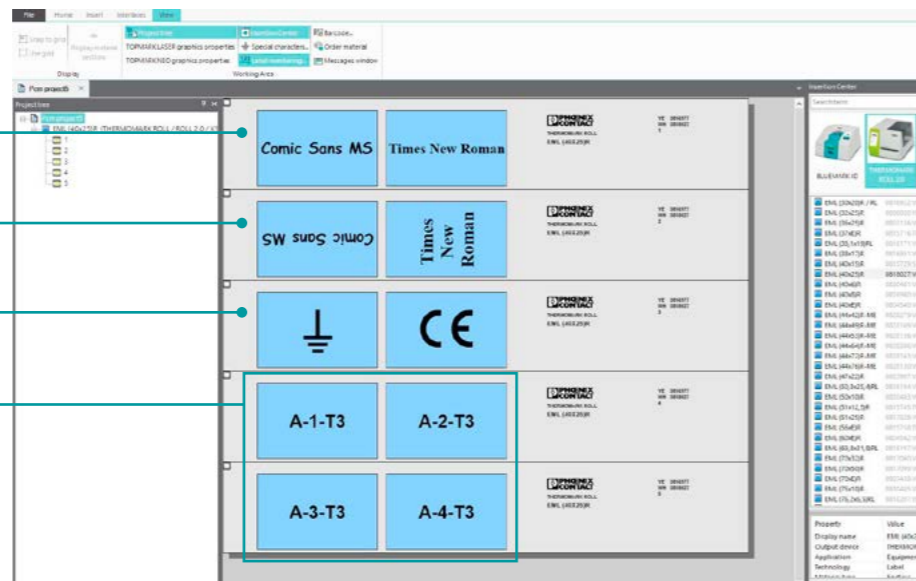The remaining markers are filled with that data



## Using the Automatic wire marking function

Create 360° visibility, ideal for wire marking

Enter the data on the wire marker

Make sure the marker is selected as indicated by the green highlight

Select Cable wrap under the Home tab

Data is then automatically repeated in as many rows possible to ensure visibility in all directions.

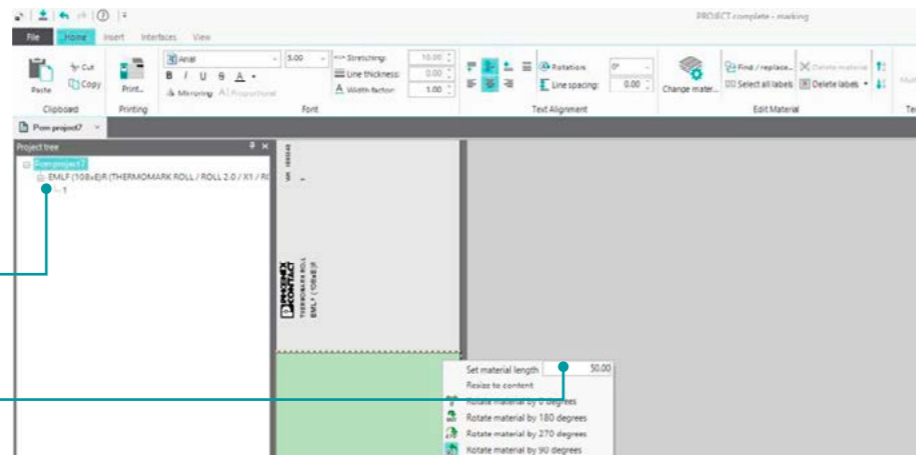**(Font must be small enough for multiple rows)**
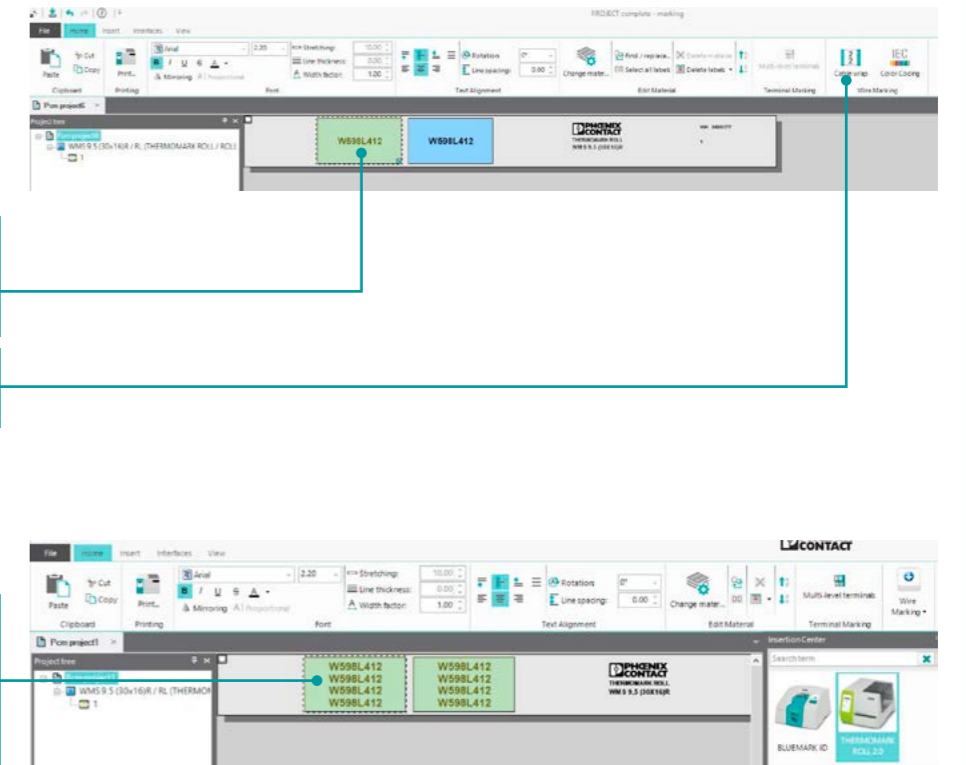
## Setting the length of endless material

Unit of measure is metric by default. Change the unit of measure in Options.

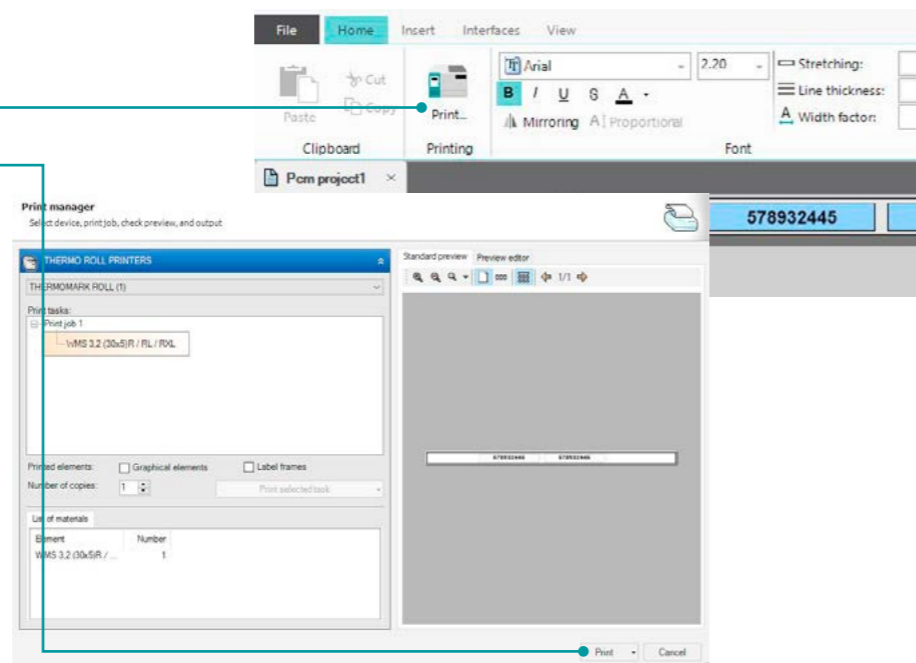**Select an Endless material (designated with an "E" in the parentheses)**

**Right click on the marker and under "Set material length" type in the desired length. Hit enter to apply.**

## Print

**Click to Print**

**Click Print in print manager**

## Importing data from Excel

Data can be created in Microsoft Excel (or another source) and imported into PROJECT complete. This requires an initial configuration of the Transfer Setting Manager.

**It is important to input the data into a single column of Excel. File must be saved and closed to import.**
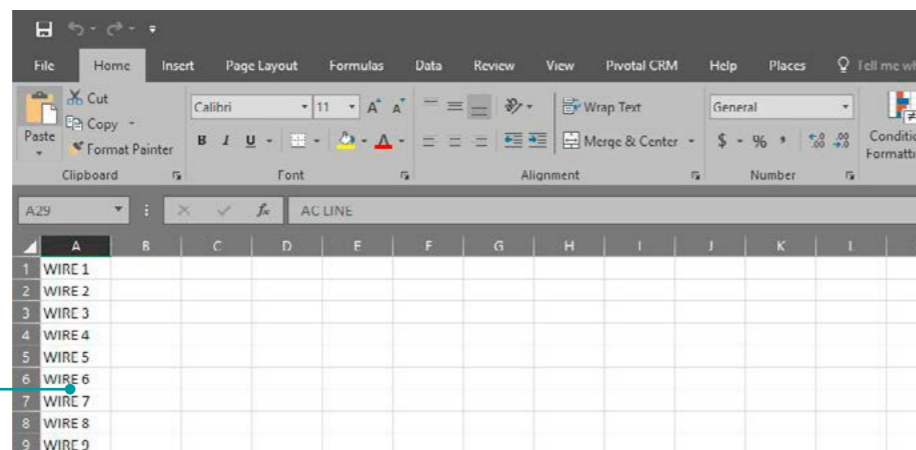
## Excel import continued

**Click File**

**Click Data Exchange**

## Excel import continued

**Click New**

**Click the Browse button to find the Excel file**

**(You may have to change to All files to find the Excel file)**

**Click Open**

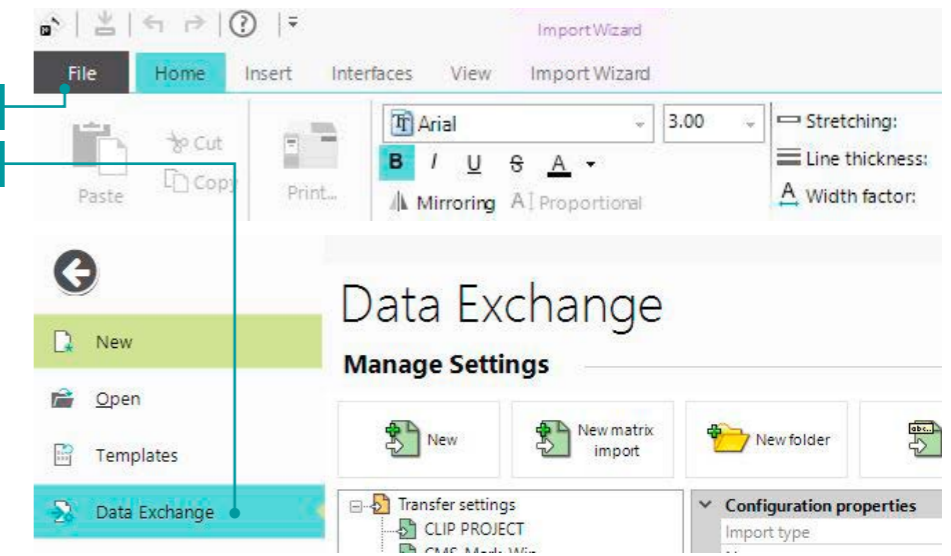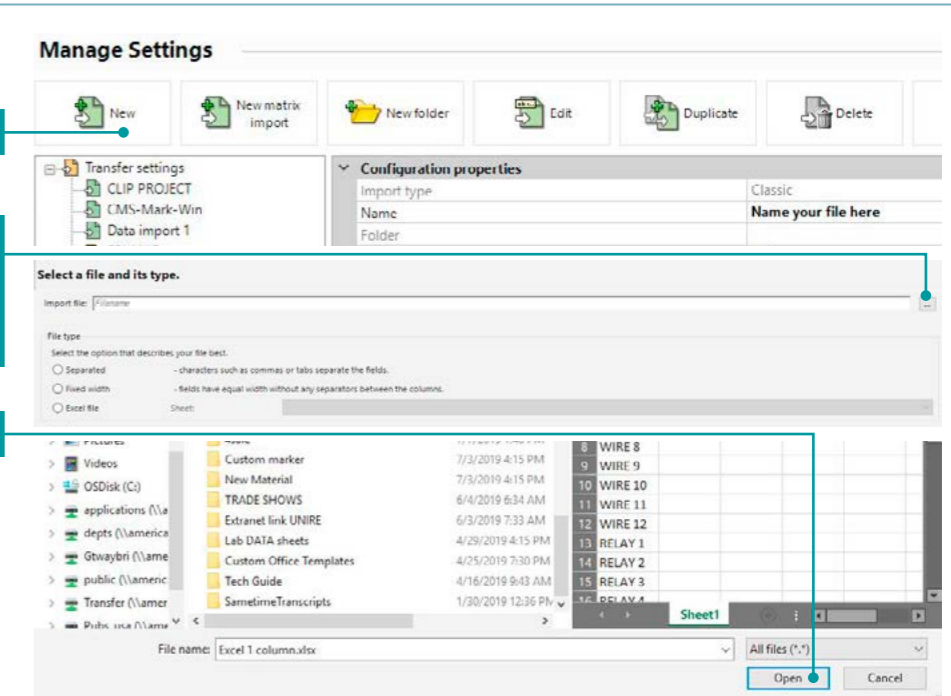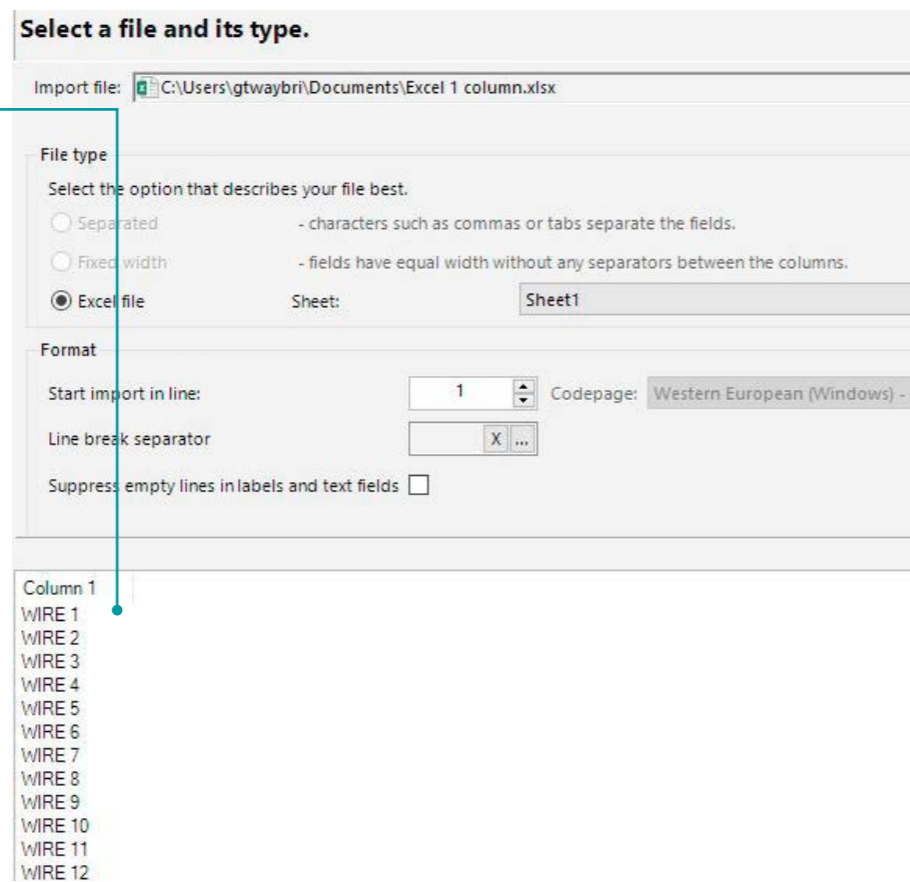## Excel import continued

**Preview the data**



Select a file and its type.

Import file: C:\Users\gtwaybri\Documents\Excel 1 column.xlsx

File type

Select the option that describes your file best.

- ○ Separated — characters such as commas or tabs separate the fields.
- ○ Fixed width — fields have equal width without any separators between the columns.
- ● Excel file    Sheet:    Sheet1

Format

Start import in line: 1    Codepage: Western European (Windows) - 1

Line break separator:    X    ...

Suppress empty lines in labels and text fields ☐

Column 1
WIRE 1
WIRE 2
WIRE 3
WIRE 4
WIRE 5
WIRE 6
WIRE 7
WIRE 8
WIRE 9
WIRE 10
WIRE 11
WIRE 12

## Excel import continued

**Click Material mapping**

**Click Enforce default material. The insertion center will automatically pop up**

**Select your printer**

**Select the desired material**

**Click Insert**
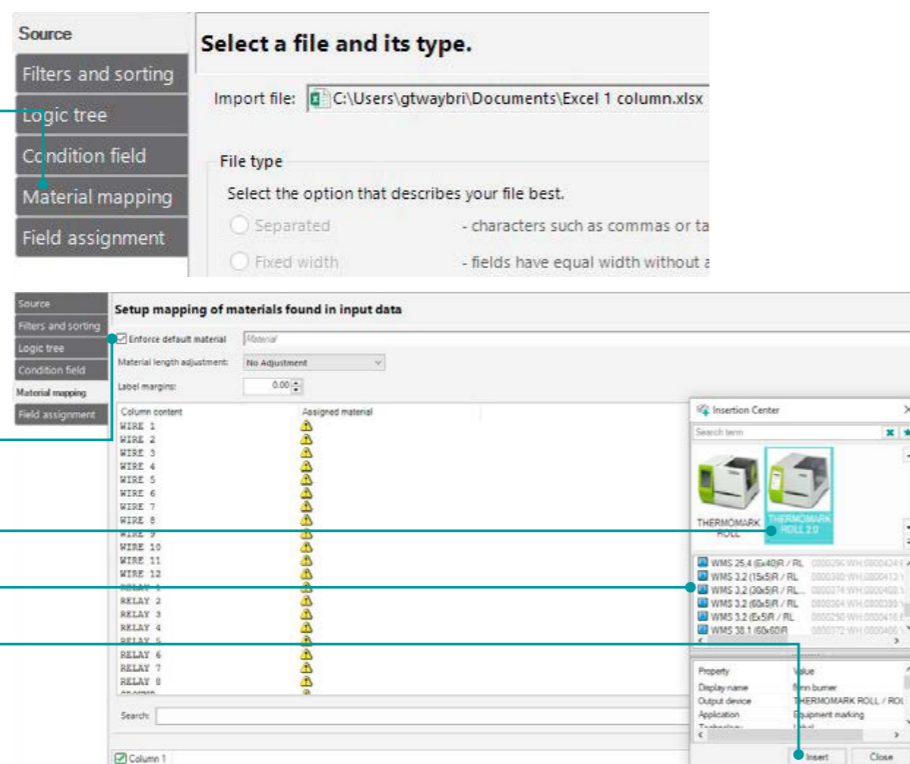


## Excel import continued

**Click Run Import**

**The file has been imported and you are returned to the standard view**

**You may make any changes as needed and print the project**



## Inserting graphics

Project complete supports any image file (.jpg, .tif, .gif, .bmp, etc.). Pure black and white is recommended for best print quality (unless using the Bluemark ID color printer).
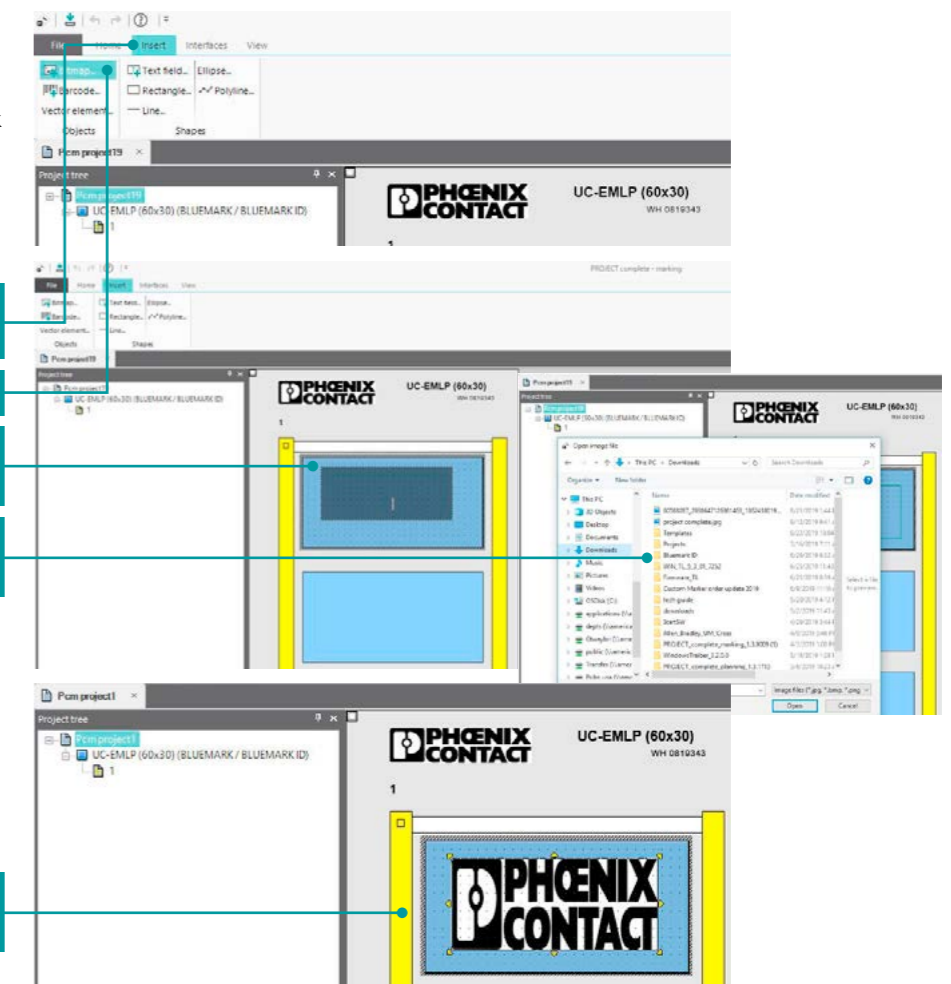
**Select desired material and click Insert at top. Click on material.**

**Click Bitmap**

**Draw a box for estimated size of graphic**

**In the pop-up window, browse to select graphic**

**Use the yellow "grab points" for resizing the graphic**

## Re-sizing and positioning graphics for specific requirements

A grid helps visually lay out the graphic on the label

Need to be in View

Click in marker area to use the Visual grid and Snap to grid (graphic must be highlighted for this menu to be visible)
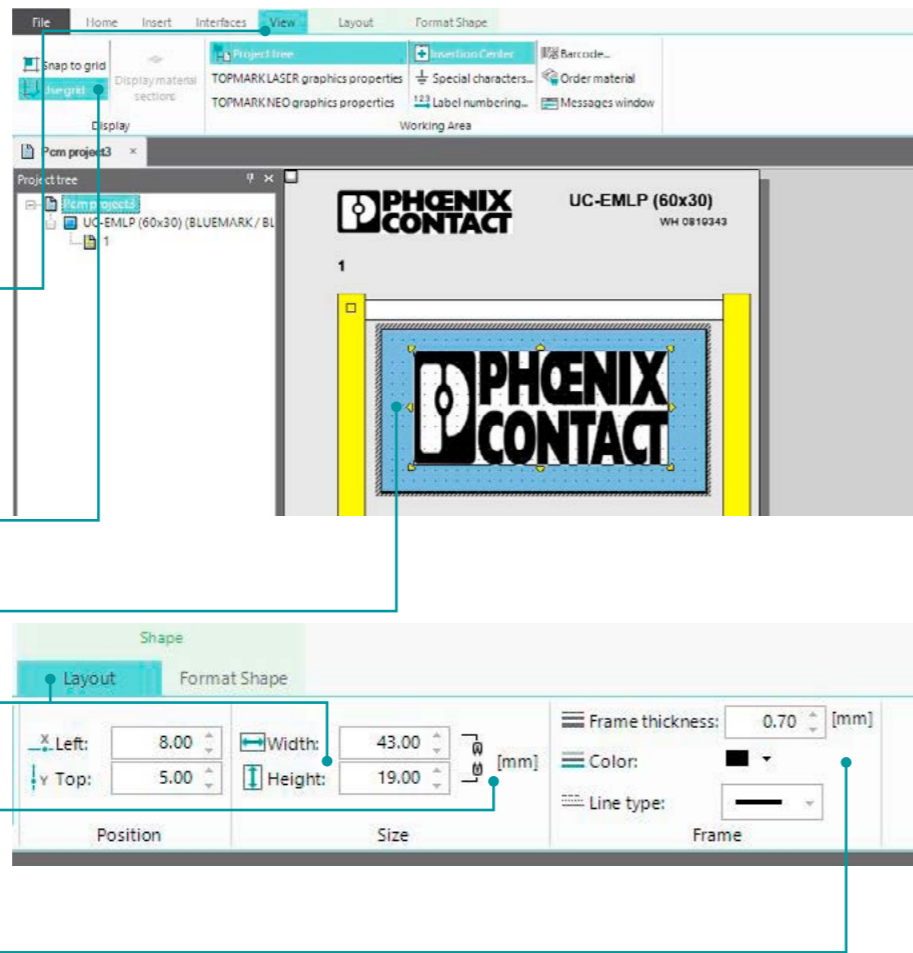
Toggle Visual grid and Snap to grid on or off, depending on preference

Visual grid and Snap to grid turned on

Click layout and input specific dimensions for width and height

To change the width and height independently, click the chain icon to break

The Frame option outlines the graphic. Adjust the line thickness and choose line type from the dropdown

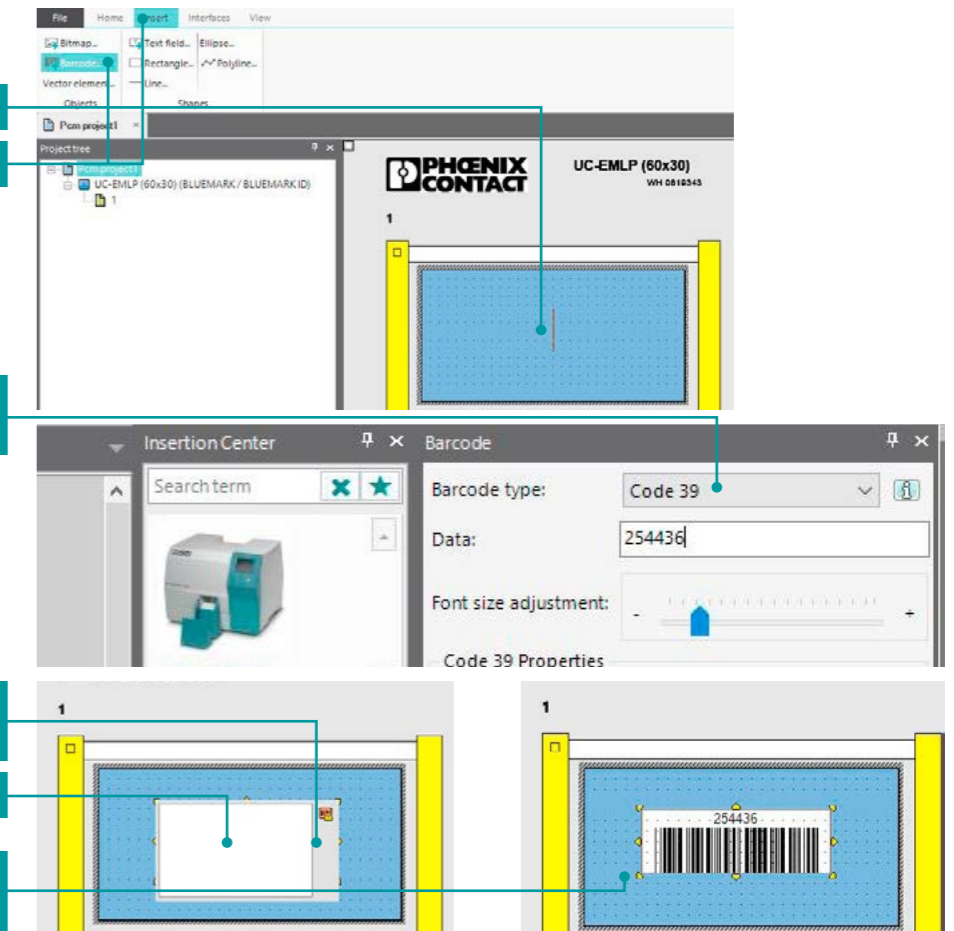## Inserting barcodes

Click to highlight the marker

Click insert and select barcode

Use dropdown to choose barcode type

Use the mouse to draw a box where you want the barcode

Type in white area and hit enter

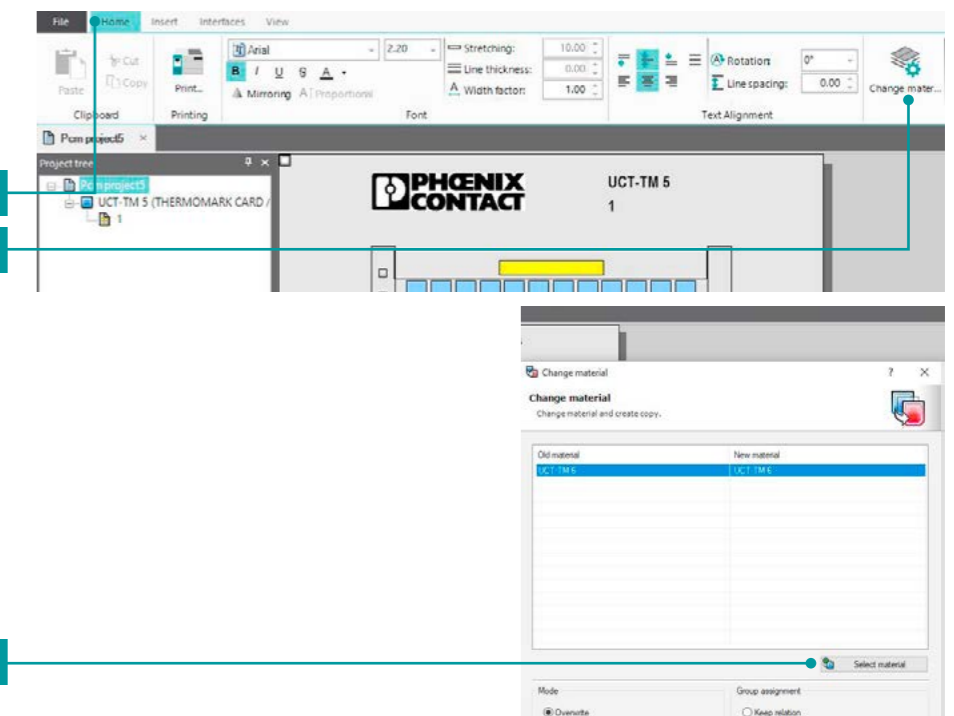Use the yellow "grab points" to resize barcode if needed

## Change material wizard

This wizard is helpful for changing the material type of an existing project

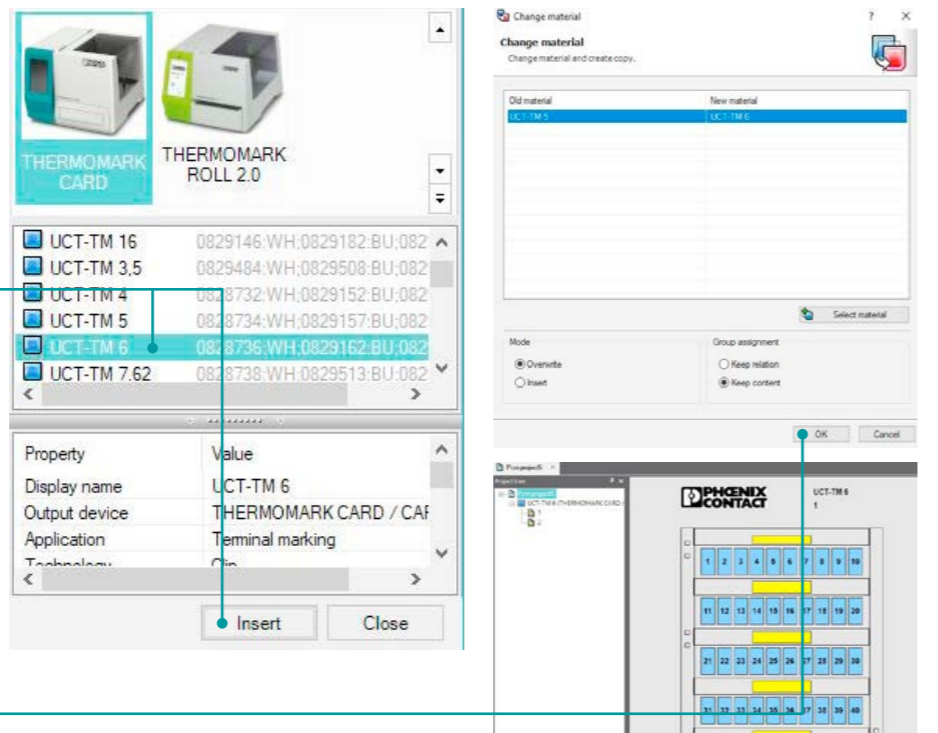Click the Home tab

Click change material

Then click Select material

## Changing material continued

You can change the material to any type regardless of material type or printer
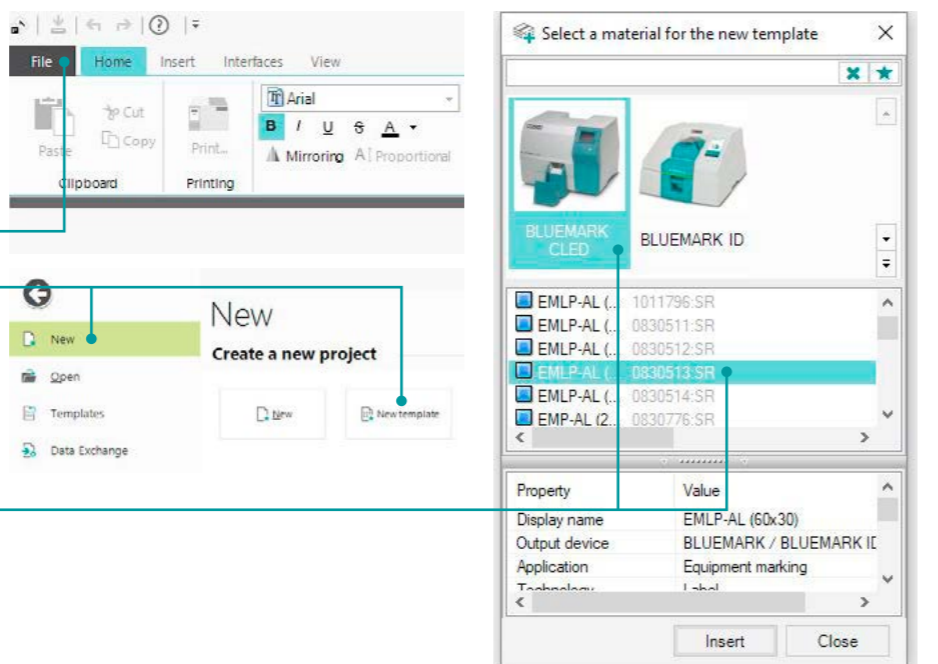


Choose material and click insert

Click OK

## Starting a new template

PROJECT complete offers the template creation that is used to design custom labels on existing materials

Click File

Click New and New template

Choose printer and material



## Template build continued

### Inserting text fields

Input field: blank text field where data can be entered

Permanent field: text field with present information which cannot be altered, preventing changes to custom template

Represents a permanent field
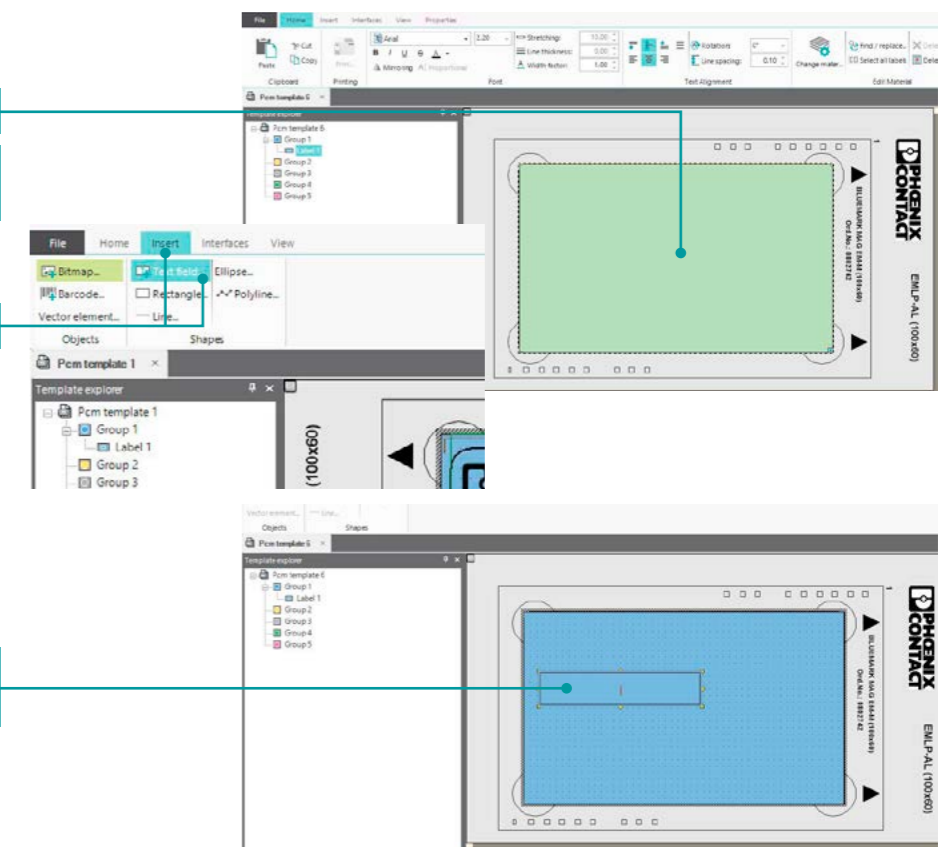
Represents an input field



## Template build continued

Highlight template

Click View tab and choose Snap to grid and Use grid

Click Insert and select Text field

Draw box the estimated size of text field (can be adjusted later)

## Template build continued
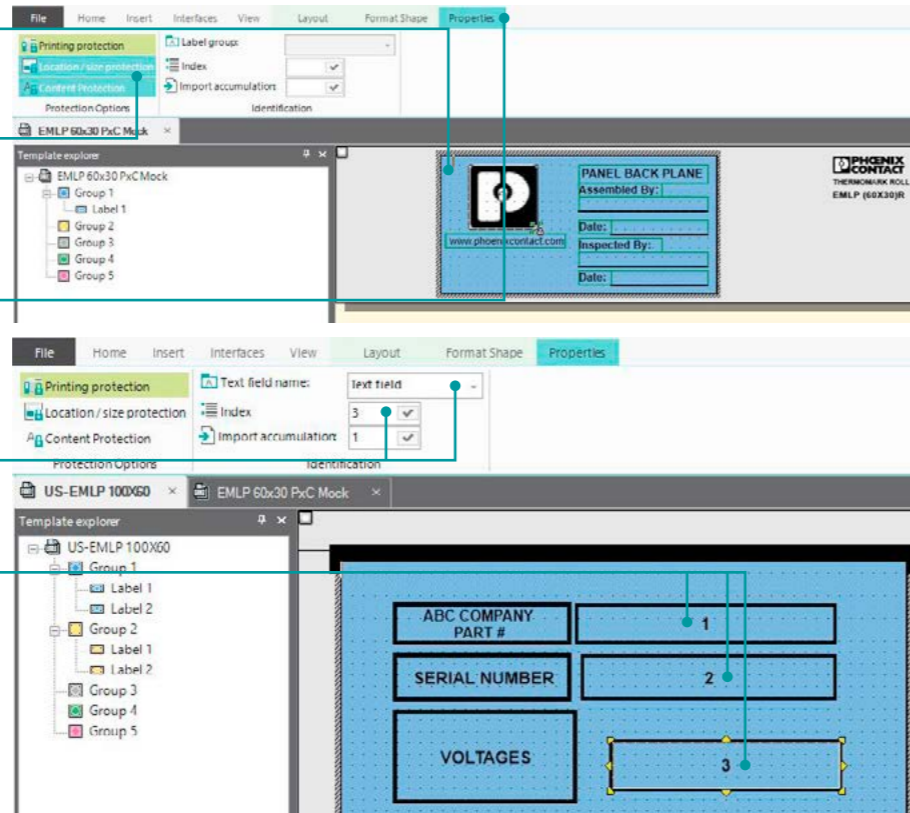
Click area to be protected

Click Content Protection and Location Protection.
This locks the graphics and text fields so they cannot be changed.

For indexing through text fields, you need to click on Properties to access the text field name and number.

Click in the Text field and give it a name (optional), hit Enter. Give it a number in the Index box and select the checkmark.

Indexing example, 1, 2, 3

## Template build continued

Saving the created template

Click File, then click Save as

Name the template and click Save
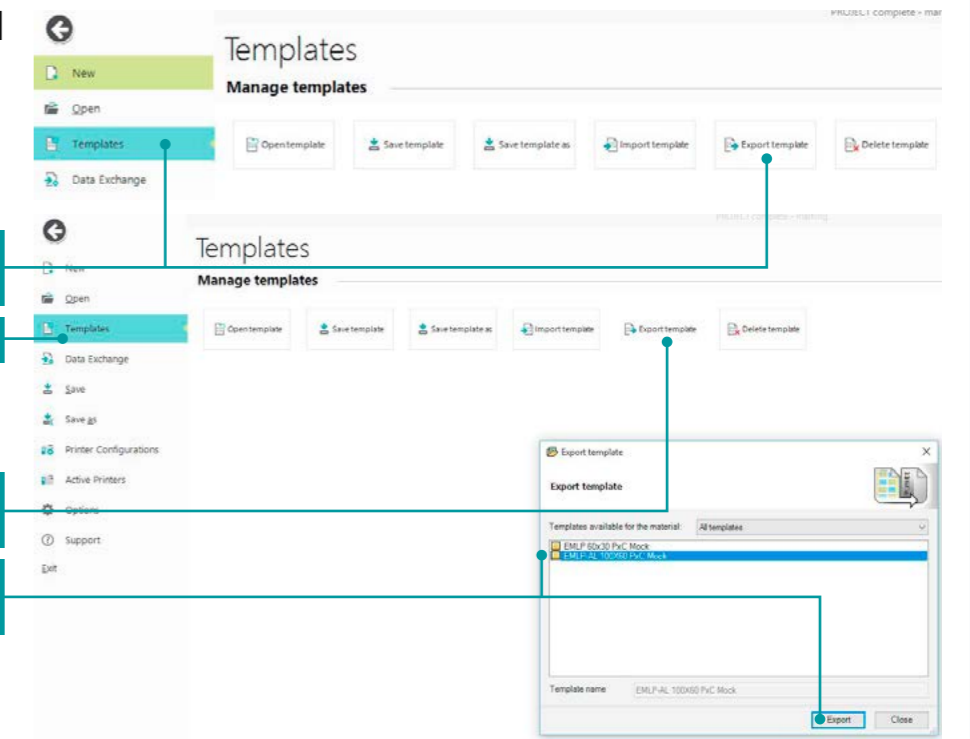
## Template build continued

Exporting the template allows you to save the template outside of the PROJECT complete library for saving to other computers.

Click file Templates, Export template

Select the template to be exported

Click Export template and save file in desired location

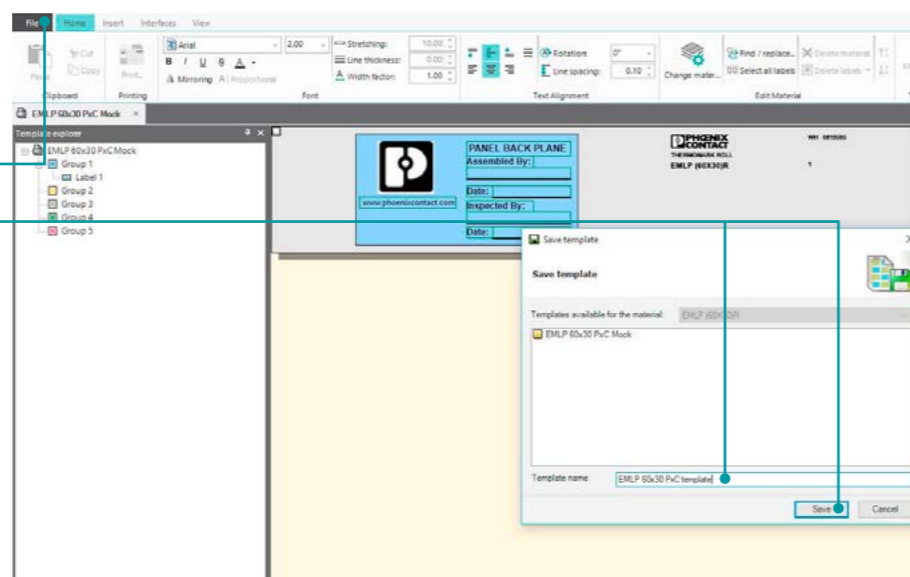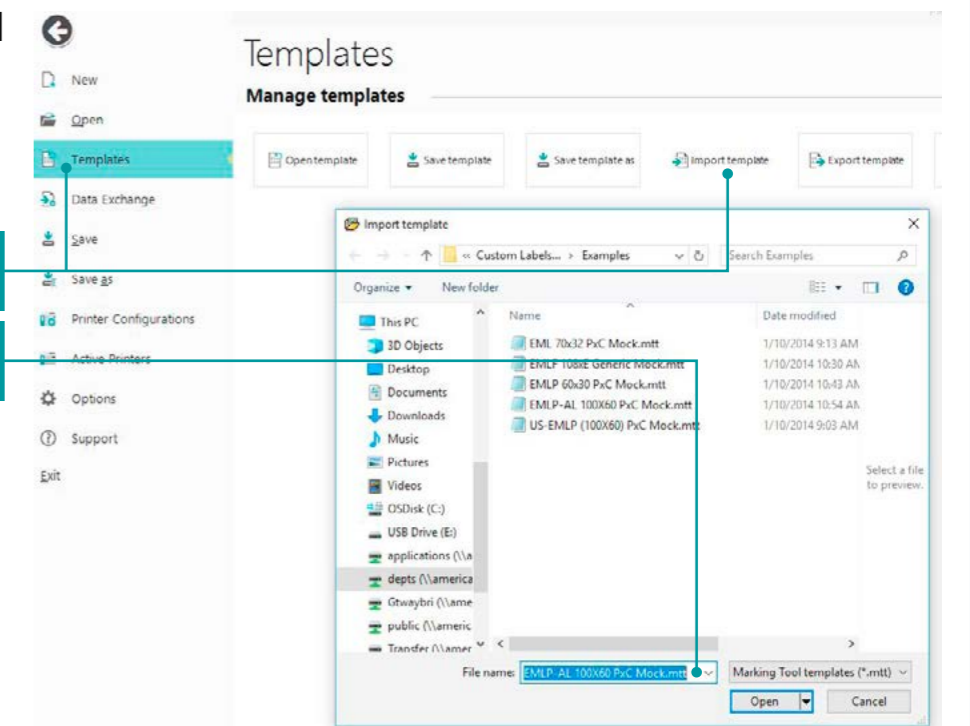Select the template to be exported and click Export

## Template build continued

Importing templates adds templates to the PROJECT complete library that were designed on another computer.

Click file, Templates, and select Import template

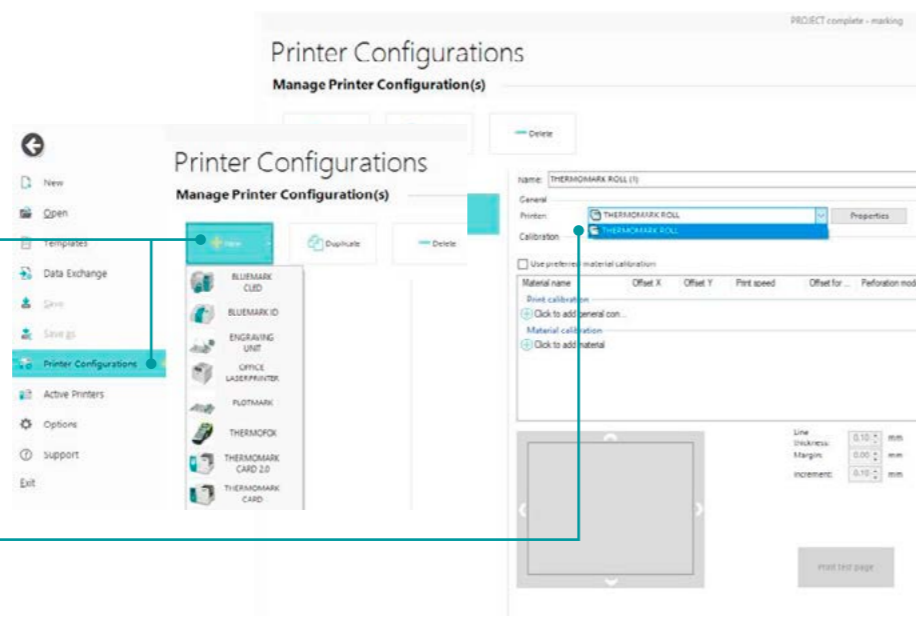Select previous exported template and open to view from new location

## Setting up a printer

Note: Make sure you have the printer driver installed before completing this step.

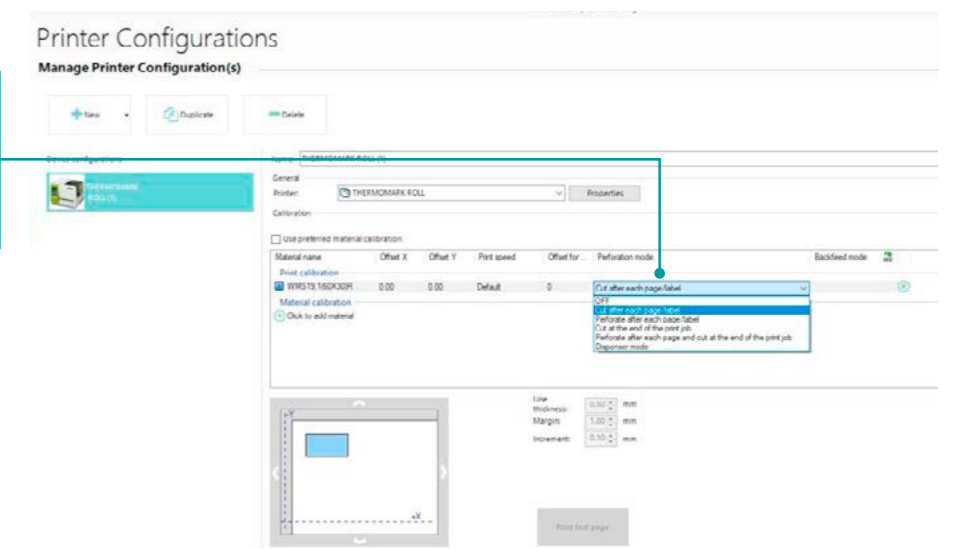**Click file, Printer configurations, then click New and select printer.**

**Then click drop-down box and select the printer.**

**Your printer is now set up as an output device to print.**



## Setting print alignment and speed

**Click file, printer configurations, choose the printer, then in Printer calibration choose the material needed to be aligned.**

**Double click under the Offset X or Y depending on how the alignment needs to be adjusted and click up or down arrows to make adjustments.**
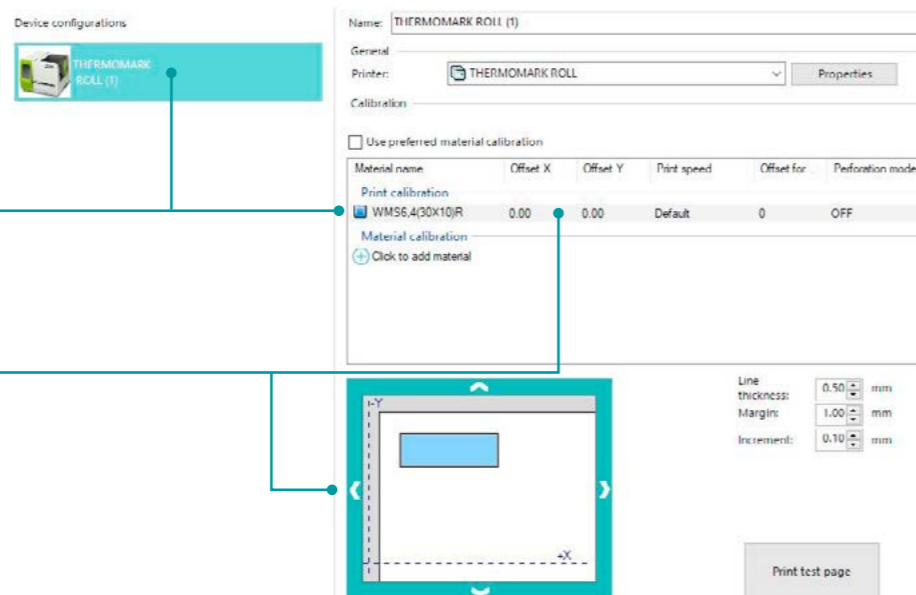


## Cutter options

**In the Printer configuration area, click Print calibration, choose material then double click below the Perforation mode and select the type of cut or perforation needed.**



You are now familiar with some of the most common functions of the PROJECT complete Marking software to create standard marking files and send them to a printer.

Any questions?

Please call our Technical Support at 800-322-3225 and ask for a printer specialist.

Thank You!

# Ongoing communication with customers and partners worldwide

Phoenix Contact is a global market leader based in Germany. Our group is known for its future-oriented components, systems, and solutions in the fields of electrical engineering, electronics, and automation.

With a global network reaching across more than 100 countries and 16,500 employees, we can stay in close contact with our customers, something we believe is essential to success. The wide variety of our innovative products makes it easy for our customers to find future-oriented solutions for multiple applications and industries. We especially focus on the fields of energy, infrastructure, process, and factory automation.

You will find our complete product range at:

www.phoenixcontact.com
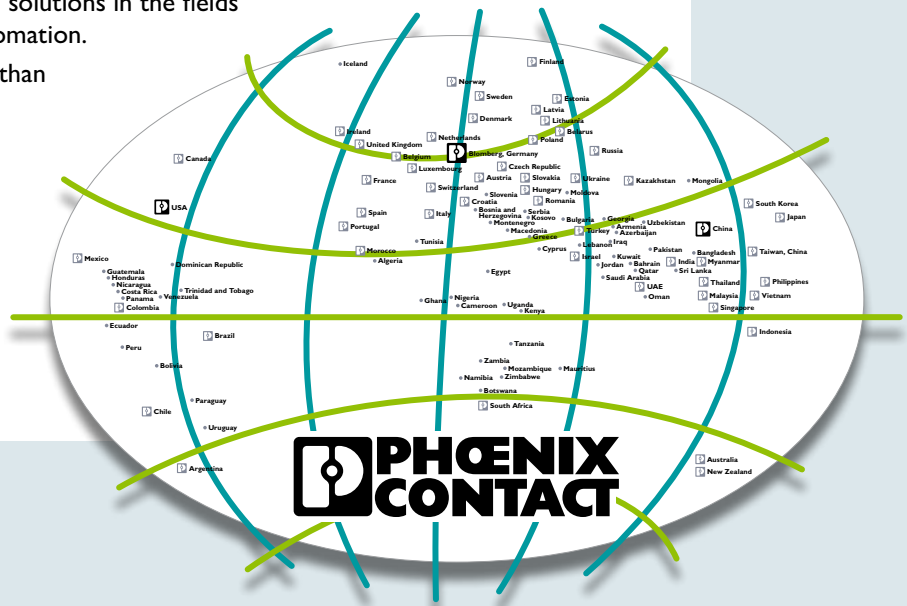
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