

# Corel Label Generator

## Purpose

A customer routinely creates multiple copies of adhesive labels for use in the manufacturing industry. Currently, each label is manually looked up, inserted, positioned and sized into the output document. This is currently estimated at costing the customer in excess of \$50,000 per year in labour.

Currently, The customer receives an order which contains several line items. For each line item several steps must be performed:

1. In CorelDRAW , open Import the graphic for the specified part number
2. Determine what orientation will provide the most efficient use of page space
3. Replicate the image to form a single horizontal row of images on the page.
4. Ensure that the horizontal spacing is at least the minimum required
5. Replicate the row of images until the number of images on the page matches the number specified in the line item
6. Ensure that the vertical spacing is at least the minimum required
7. Repeat steps 1 through 6 for each line item.

## Method

The customer requires an automated system to generate a file in CorelDRAW . This file will be generated from information in a text configuration file. The filename of the text configuration file will contain the order number. The configuration file will have the following fields:

- Manufactured Item
- Part Number
- Quantity

The work flow is now as follows

1. The user will activate the Corel Label Generator by clicking a custom button on the CorelDRAW toolbar.
2. If the initial configuration has not been completed a configuration dialogue will be shown which prompts for input an output paths along with other options such as object spacing and orientation
3. CorelDRAW will automatically generate the labels ensuring that the spacing, orientation and placement on the page for the line item is correct
4. When the labels are generated, they will be positioned to minimize wastage of materials
5. The completed file will be saved in CDR or AI (Adobe Illustrator®) format and placed in the output path. The file name will be the same as the order number specified in the configuration filename.

## Features

This utility will eliminate almost all manual processing from the generating of printable labels.

1. Eliminates manual processing to create printable CorelDRAW or AI format files containing all labels used in any single order
2. Reads text output files which are automatically created by The customer accounting / ordering software.
3. Minimizes materials usage by ensuring optimal label placement
4. Automatically sizes the page length to match the number of labels on a given page as The customer prints on roll stock rather than page stock
5. Move the completed text order file to a completed directory to minimize confusion as to which orders have been processed
6. Place output graphics in a user selectable path for printing to proprietary hardware
7. Allows automatic processing of multiple order files if this configuration option is enabled.



**Results:**

As a result of a one time investment in custom software, this company will save over a quarter million dollars in a five year period.