



NiceLabel Designers 6.5

Release Notes

Rev-1602

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What is New in NiceLabel Designers

Label Design

NiceLabel is Certified for Windows 10

NiceLabel Designers are certified to work with Windows 10 operating system. NiceLabel therefore guarantees errorless label designing, form creating, and use of the entire suite of included features with the latest edition of Windows operating system.

Updated NiceLabel Samples

New and updated existing samples have been added to NiceLabel installation for the following areas:

- Automotive labeling solutions (AIAG, ETI9, GM, FTL, MAT, VDA)
- EU energy regulative
- Tire labeling
- Food allergens
- GHS and GS1 barcodes
- Healthcare (HIBC, ISBT128, PPN, UDI)
- Shipping (PTI Voice Pick Code, DPD, Tesco, UPS, USPS, Walmart)

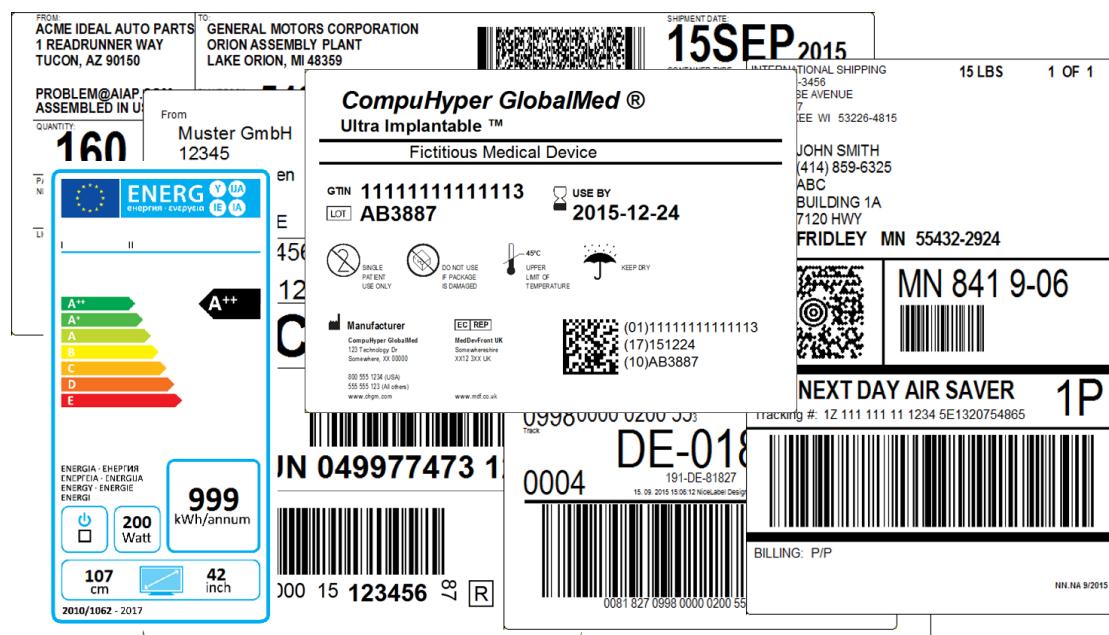


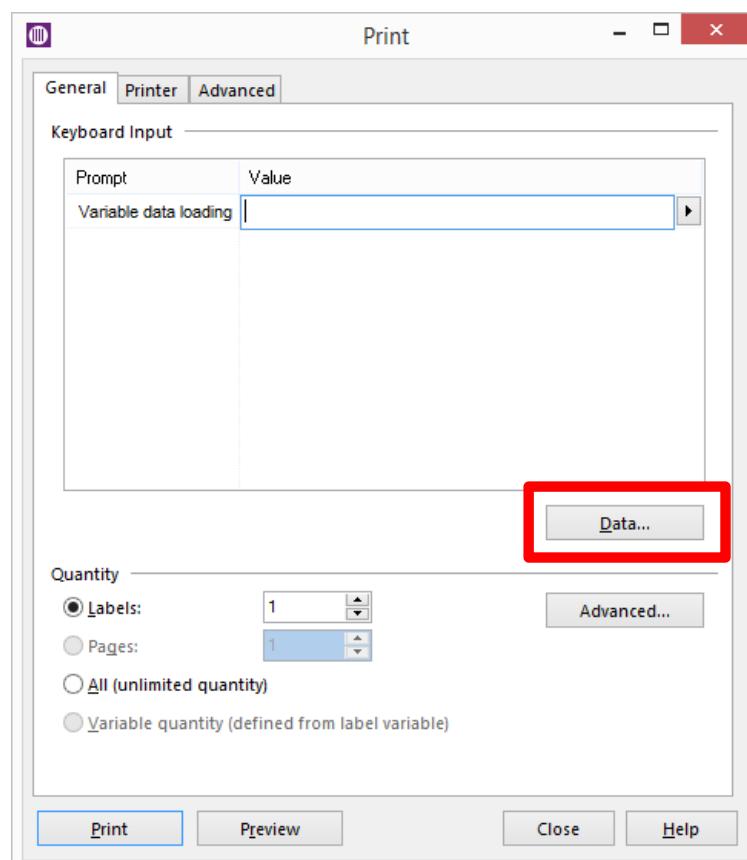
Figure 1: NiceLabel 6.5 provides a wider range of standards-compliant label templates, so you don't have to create them from scratch.

The samples are based on numerous requests received by NiceLabel support team from forums, customer interviews and training. Use these samples to discover the entire range of NiceLabel capabilities and to enhance your existing labeling solutions.

Variable Data Loading in Print Dialog

With release 6.5, NiceLabel Pro print dialog allows adding variable data while the print dialog is active. After selecting and confirming the data source file, variable values are automatically initialized with values that are taken from the selected file.

This option is accessible on print dialog **General** tab -> **Data**.



Two data file layout types are supported, the first being XML data structure, and the second being plain text. Choose what fits your environment best.

```
<?xml version="1.0" encoding="utf-8"?>
<variables>
    <variable name="variable1">value 1</variable>
    <variable name="variable2">value 1</variable>
    <variable name="variable3">value 1</variable>
</variables>
```

Figure 2: XML Data File with name:value Pairs

```

variable1=value1
variable2=value2
variable3=value3

```

Figure 3: Plain Text Data File with name:value Pairs

Since this new feature significantly simplifies variable data defining at print time, using it enhances productivity, saves time and reduces label design-related costs.

Additional Stocks Available

New types of stocks have been added to NiceLabel Designers:

- TEXIT stocks for cable identification
- Computyte stocks for various labeling applications in pharmacy, labs and libraries
- Citizen System stocks for various purposes

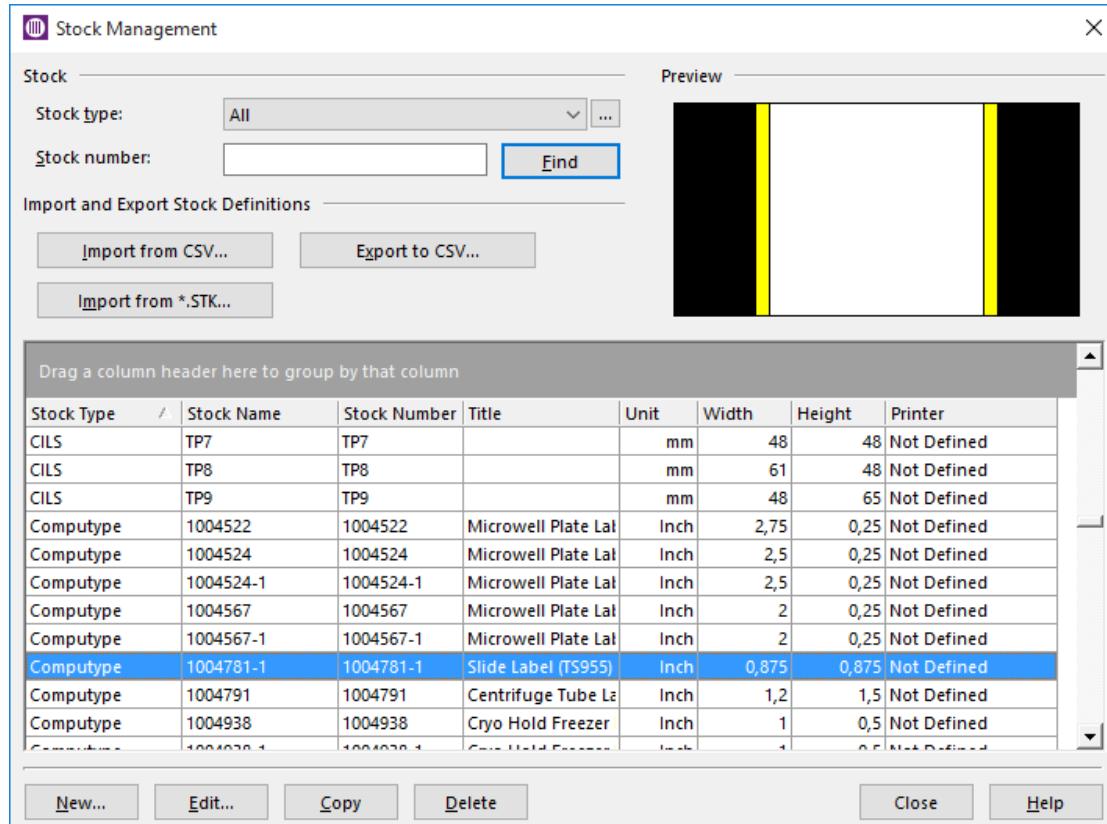


Figure 4: NiceLabel software ships with many predefined label templates (stocks)

These stocks are label templates with predefined label dimensions, so you don't have to create them yourself. All new stock types are part of the standard build – they can be found at **Label setup -> Stocks**.

Updated Formatting of Food Allergens (6.5.1)

In addition to Food Allergen support as introduced with NiceLabel release 6.3, the allergens now preserve the specified letter case for allergen terms.

For example, if an allergen is given a capital initial letter in the database, the formatted word in NiceLabel release 6.5 is also displayed with a capital initial letter.

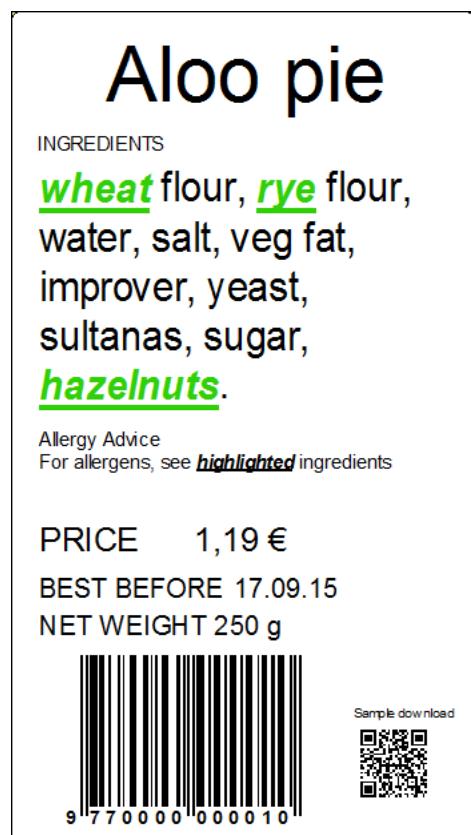


Figure 5: The Allergens can be Color-Coded

With release 6.5.1, the allergens additionally allow background color coding. The parameter is "bg:#000000" and provides the RGB color code in hex syntax.

With release 6.5, the allergens additionally allow color coding using the RGB color scale in #000000 hex syntax. The first two characters provide the data for red component, the middle two for green and the last two for blue component.

The available formatting parameters are listed below. Mixing them provides a combined effect.

Parameter	Effect
Bold	<i>Allergen</i>
Italic	<i>Allergen</i>
Underline	<u>Allergen</u>

CAPS	ALLERGEN
#30CF08	Allergen

Code128 Coding Mode Algorithm Optimization

The barcode type Code128 includes data/command elements that can encode the same type of data using different methods. This results in shorter or longer barcode symbols. Obviously, NiceLabel software strives to generate the shortest possible barcode symbol.

The latest version of NiceLabel software implements an optimized Code128 encoding algorithm resulting in the shortest possible barcodes. Such barcode occupies less space on the label.

For example, you can encode the data "A12345" using many variants. Here are two examples:

- <ModeB>A<ModeC>1234<ModeB>5
- <ModeB>A1<ModeC>2345



Figure 6: The before-after screenshot of the Code 128. The right-hand side barcode is optimized which results in a smaller footprint.

Updated Support for GS1 Barcodes (6.5.1)

The [GS1 Specifications](#) document has been updated. The latest standard now dates from January 2016. As a consequence, NiceLabel Designers have been updated with the latest stack of GS1 Application Identifiers.

The following Application Identifiers have been added with release 6.5.1:

- AI394n (Percentage discount of a coupon)
- AI8012 (Software version)
- AI8111 (Loyalty points of a coupon)

The following Application Identifiers have been added with release 6.5:

- 7005 (Catch Area)
- 7006 (First Freeze Date)

- 7007 (Harvest Date)
- 7008 (Species for Fishery Purposes)
- 7009 (Fishing Gear Type)
- 7010 (Production Method)

Support for HIBC Specification Version 2.5 (6.5.1)

Health Industry Business Communications Council (HIBCC) is an industry supported and internationally accredited nonprofit standards development organization with a global reach. The council develops standards that meet the unique requirements of the world's healthcare providers, such as HIBC.

HIBCC released a HIBC specification version 2.5, which is now supported with NiceLabel software.

Automatic Font Replacement (6.5.1)

You might decide to design your label templates to print the text objects using fonts formatted as built-in printer (internal) fonts. However, when printing such label using a different type of printer, the selected fonts might not be available on the new printer. The new printer probably supports an entirely different set of internal fonts.

Similar problem might occur if the Truetype font that is used on the label is not installed on the target PC, from which NiceLabel will be printing the labels.

NiceLabel software can be configured to automatically replace the fonts used on the label with compatible fonts. You can configure the font mapping based the font names. If the original font is not found, NiceLabel tries to use the first available replacement font as defined in the mapping table. If no suitable replacement font is found, Arial Truetype font is used.

Text Box Support for Stand-alone Printing

NiceLabel software is in certain cases used only for label designing and not for actual label printing. In such cases, NiceLabel usually saves the label template inside the printer memory, from where it can be retrieved via various events. The type of printing during which the label design software is not involved at print time, is referred to as "stand-alone printing".

The variety of available objects in the stand-alone printing scenario depends on the capabilities of the target marking device. In most cases, a single line of text (such as current date/time and counter) and barcodes are used. The device's print engine combines the label layout taken from printer memory with the output data and prints it.

For devices that support multi-line text (paragraph style), the Designer can use the NiceLabel's object Text Box. Sit back and enjoy printing multi-line auto-wrapped text.

Extended Character Support

With release 6.5, NiceLabel Designers additionally support the character stack as defined by the ANSI MH10.8.2 standard.

Newly supported characters are: !%"&()/*+,-./;=>?_