

# NiceLabel Version 5.4 Enterprise Series

## Release Notes

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# Enterprise Print Manager (EPM)

## Translations

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Enterprise Print Manager has been translated into all major languages to let you enjoy using it in your native language. The user interface will display in the language as is defined in your internet browser.

For example: if you use Internet Explorer, you can change the language setting following these steps: Tools -> Internet Options -> General tab -> Languages button -> Add the desired language on top of the list.

# NiceWatch Enterprise and NiceWatch Enterprise Business Connector

## Bugfixes

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Bugfix for self-triggering at 00:00 AM and 02:00 AM

Fixing a summer/winter-time related problem in the previously released product developed another problem in the file trigger execution. During the summer time all file triggers will execute one more time at 00:00 AM and 02:00 AM every night.

This problem only occurred when you left the original trigger files in the monitored folder. If NiceWatch removed the trigger files after printing, the monitored folder was empty and no unnecessary triggering was executed.

Improved stability for NiceWatch running in 24/7 scenarios

NiceWatch collects data from various systems for processing and automated printing. In the background, NiceWatch uses the NiceLabel print engine to image and print labels. NiceWatch occasionally restarts the print engine. This helps the system perform better under the high loads and especially when NiceWatch must serve requests 24/7 without any system restart.

After several thousands of restarts of the print engine the Windows system where NiceWatch was installed could become unresponsive. The problem was isolated in the NiceLabel labs and solution implemented in the new version.

# NiceLabel Portal

## Application design

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This release of NiceLabel Portal adds support for the following label and form design features. All these features were already available for desktop NiceLabel applications, now you can use them in your Web applications as well.

- New bar code types: In addition to already supported bar codes and 2D codes, you can add the following codes to your labels: GS1 Databar, Aztec, MicroQR, MicroPDF
- Tab order: Your Web applications will follow the tab order defined in the forms
- Counter rollover: The NiceLabel counter can reset to the minimum/starting value when it reaches the maximum available value.
- Rotation of the Text and Text Box objects
- Vertical alignment of text within the Text Box objects
- Inverse property for the Text and Text Box objects
- Word-wrap for the text on the button

## Optimizations and customizations

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### Native label printing

All labels that you print on the Web with NiceLabel Portal can print optimized for your target label printer in a native printer language, if the following prerequisites are met:

- You have designed the label in NiceLabel Pro to utilize the printer optimization such as internal text and bar codes.
- You are using NiceDriver for your label printer.

Now you can achieve the same speed of printing from Web applications as you can from desktop NiceLabel applications. Using native printing makes a huge difference when fast response is required from the labeling system, such as NiceLabel Portal.

### Redesigned prerequisites checking

Before the users can run the Web-printing application you have created in NiceLabel Portal they have to meet the prerequisites. They must have installed Internet Explorer (IE is not necessary when you run the application in the out-of-browser mode), Silverlight and ActiveX control.

Each time the Web printing user logs into the NiceLabel Portal application, the prerequisites are verified. If not all components are available, the user will be warned about what is absent. Included are clear and visual instructions what to do next to solve the problem.



Figure 1: Checking for necessary components at each login

## Offline support

Offline availability is certainly one of the primary concerns of any mission-critical Web application, and NiceLabel Portal is no exception. If you host NiceLabel Portal on the stable infrastructure with guaranteed uptime, the uninterrupted label printing depends primarily on client internet access.

Right clicking on the application in the Web browser offers the user the option to install it as an offline application. A simple offline printing interface is installed, little more than a runner of the Web application. The offline printing client of NiceLabel Portal is a reliable backup for the times when the client's internet connection prevents server access.

Running the application as desktop application also removes the prerequisite of using Internet Explorer as your browser. In offline mode the application runs outside of a browser, so the choice of the Internet browser is no longer relevant.