

The logo for NiceLabel, featuring the word "NiceLabel" in white text on a dark blue rounded rectangular background. A small green circle with a white arrow pointing up and to the right is positioned at the top right corner of the dark blue rectangle.

NiceLabel

NiceLabel Control Center 6.3

Release Notes

Rev-1407

Table of Contents

What's New in NiceLabel Control Center?	2
Renaming of the Application.....	2
Label Catalog.....	2
Search in the Document Storage.....	2
Label Report.....	3
Graphical Comparison of Label Files.....	5
Document Storage Synchronization.....	6
Scheduled Publishing.....	8
Updates and Optimizations.....	9
Speed Enhancement for the Label Preview.....	9
Document Storage Performance Optimizations.....	9
Optimization of Event Logging Processes from the Automation Clients.....	10
Support for Windows Groups in the WebDAV Authentication.....	10
HTTPS Support for Control Center.....	10

What's New in NiceLabel Control Center?

Renaming of the Application

To unify the naming policy and simplify the product line, the Web application previously known as Enterprise Print Manager (EPM) is now called **Control Center**.

When you purchase NiceLabel Control Center Enterprise or NiceLabel Control Center Pro, you will receive two components.

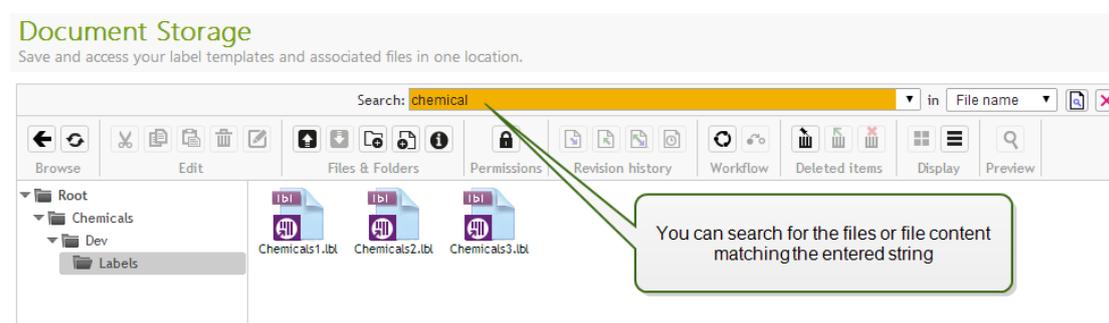
1. Server-based software. Web application NiceLabel Control Center.
2. Client-based software. NiceLabel PowerForms Desktop clients.

Label Catalog

Label Catalog features are available in Control Center to help users manage their label templates. The available functionality is to display detailed information about the label structure (label report), to search for the label files using detailed filtering parameters, the ability to export the label structure to XML file and to graphically compare different label templates or revisions of the same label template.

Search in the Document Storage

If you have to find a particular label file either by its file name mask or by its contents, you can use the search pane in the Document Storage.



When a search term is entered, only those files that contain the entered string (in the file name or in the file contents) will be displayed. The folder tree only displays the folders that match the search criteria or it contains the sub items (file or subfolders) that match the criteria.

You can narrow your search by enabling the advanced searching functionality. In this case, you can search by specific fields either inside the label meta-data, structural information, or workflow steps.

Advanced search options ✕

All fields:

File name:

Workflow step:

Description:

Author:

Printer:

Object name:

Object content:

Variable name:

Variable default value:

Fine-tuning the search parameters

Advanced search functionality allows search queries, such as the following:

- Find all the label files that contain string *LV* in the file name and have a text object containing the text *Batch*.
- Find all the files that need to be approved (search for by the specific workflow step name, such as Request approval).
- Find all the labels with the dimensions 10×7 cm.

Label Report

You can use the label report feature to create a detailed structural description of the selected label(s). At the same time, the label preview is generated as an image for the visual reference of the label design(s).

The label report opens in a new tab in your browser and will contain the following information:

- Label's meta-data (name, author, description, and commit comment)
- Label's structural information (list of fixed objects and variables with their content)
- Label preview

Label name: http://TRAINER:8080/Samples/Product label.lbl
Author: Bill Jenkins
Title: Product label
Description: This label will be
Revision number: 1
Committed by:
Commit comment: Initial version of the file.
Printer name: ZEBRA R-402
Printer driver: ZEBRA R-402
Label dimensions (width, height): 7.62 cm, 5.08 cm
Workflow step:

Label preview with the current data

Information about label meta data

PRODUCT NAME Shelf A/B 10..5 C
 WEIGHT 2.0
 LOT ABC123
 QUANTITY 10

Label structural information

Text fields

Text field name	Font	Size	Content
Text1	Arial	4 pt	PRODUCT NAME
Text2	Arial	10 pt	
Text3	Arial	4 pt	WEIGHT
Text4	Arial	4 pt	LOT
Text5	Arial	4 pt	QUANTITY
Text6	Arial	10 pt	
Text7	Arial	10 pt	
Text8	Arial	10 pt	

Bar codes

Barcode field name	Type	Content
Bar Code1	Code128	0000000000

Graphics

Graphic field name
 No items for this group

List of label variables and their default values

Variables

Name	Description	Default value	Prompt
ID		1030451	
LOT		ABC123	
ProductName		Shelf A/B 10..5 C	
Quantity		10	
Weight			

Export label data to XML

Download XML

You can use the provided information to build a label catalog, as a list of all the labels you use in your environment. This will help you keep track of the number of labels, their structure, and their intended use. Before creating a new label template, you can verify your label catalog if a similar label has already been created. You could use the existing label as a master template for a new label.

If you need the label information saved in your existing business & informational system, you can download the provided label structure in the XML file and upload it to your system. You can also use this file for archiving purposes and the comparison of label structures.

You can initiate the report generation on a single file, on a group of selected files, on the contents of the entire folder, and on the specific revision of the label file.

File revision history (Product label.lbl)								
Revision	Date	User	Size	Workflow	Workflow step	Comment	Label Report	Preview
2	6/13/2014 2:08:01 PM	Anonymous	148 KB	Label production approval process	Design	Updated the barcode position.		
1	Revert 6/11/2014 4:02:22 PM	Anonymous	148 KB	Label production approval process	Design	Initial version of the file.		

Initiating label report for the selected label revision

Graphical Comparison of Label Files

Note

You must have the product NiceLabel Control Center Enterprise to use this feature.

This feature provides an ability to graphically compare labels. The comparison can be done between:

- **Different label files.** In this case, you compare two diverse label files, for example label A and label B.
- **Different revisions of the same label file.** In this case, you compare the versions of the same label file, provided that you have enabled a revision control system in the Control Center.

A graphical comparison is a great tool whenever you are interested in the changes between label designs. This information might already be provided in the comment field that is required during each check-in process, but the level of detail may not be satisfactory. The tool will display all the selected labels and/or revisions of a single label as thumbnails. You can select the left and right label/revision for comparison. Both selected labels will display on top, followed by a third image of both previews superimposed.

The color-coding allows for all the differences to be easily spotted.



Document Storage Synchronization

Note

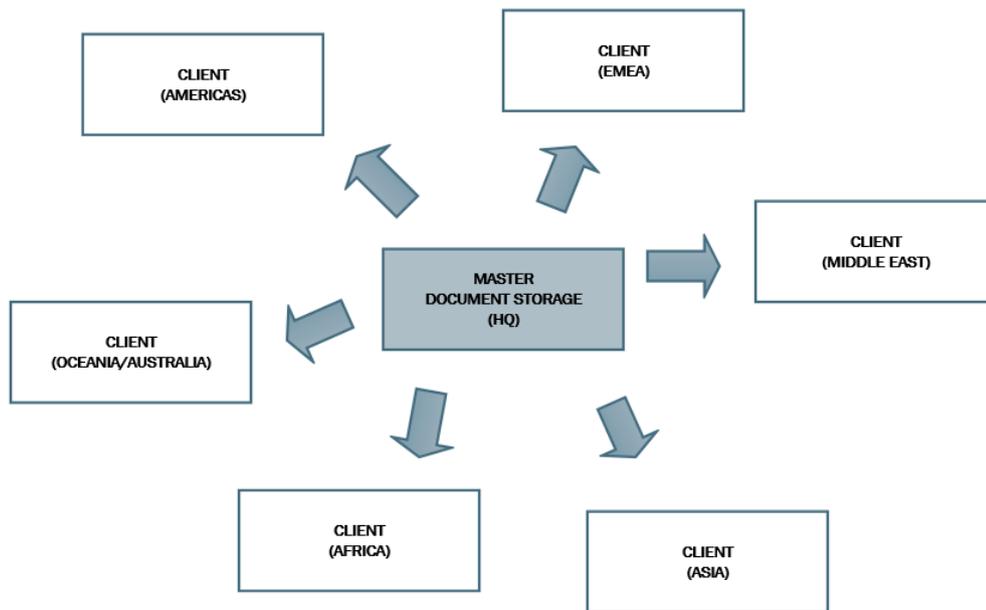
You must have the product NiceLabel Control Center Enterprise with Synchronization Add-on to use this feature.

The synchronization feature allows you to keep the Document Storage from two or more Control Centers in sync. All changes from the master Document Storage are propagated to the client Document Storage which contains an exact copy of all the published folders and files.

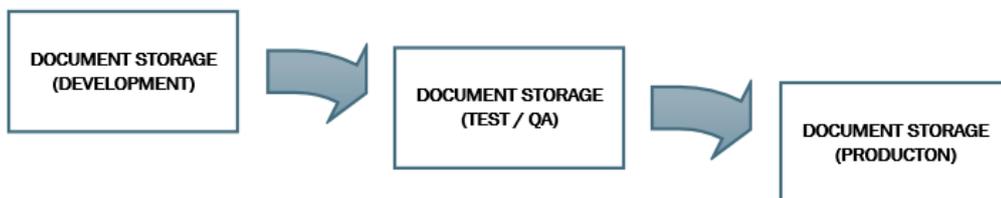
This functionality is frequently used for the following purposes:

- **Synchronization of files at geographically distributed locations.** In this case, you have a master server set up in the company's HQ. The label design and label

approval is done centrally. When the labels are approved and published, they must be distributed to all production environments. All remote Control Centers are set as clients to the master Control Center in the HQ.



- **Synchronization of files of multiple-stage landscape (Development instance > Quality Assurance or Test instance > Production instance).** In this case, the files must travel in a chain from the development toward the production environment. Control Center in the Development instance is the master to Control Center in the Test instance. Control Center in the Test instance is the master to Control Center in the Production instance.



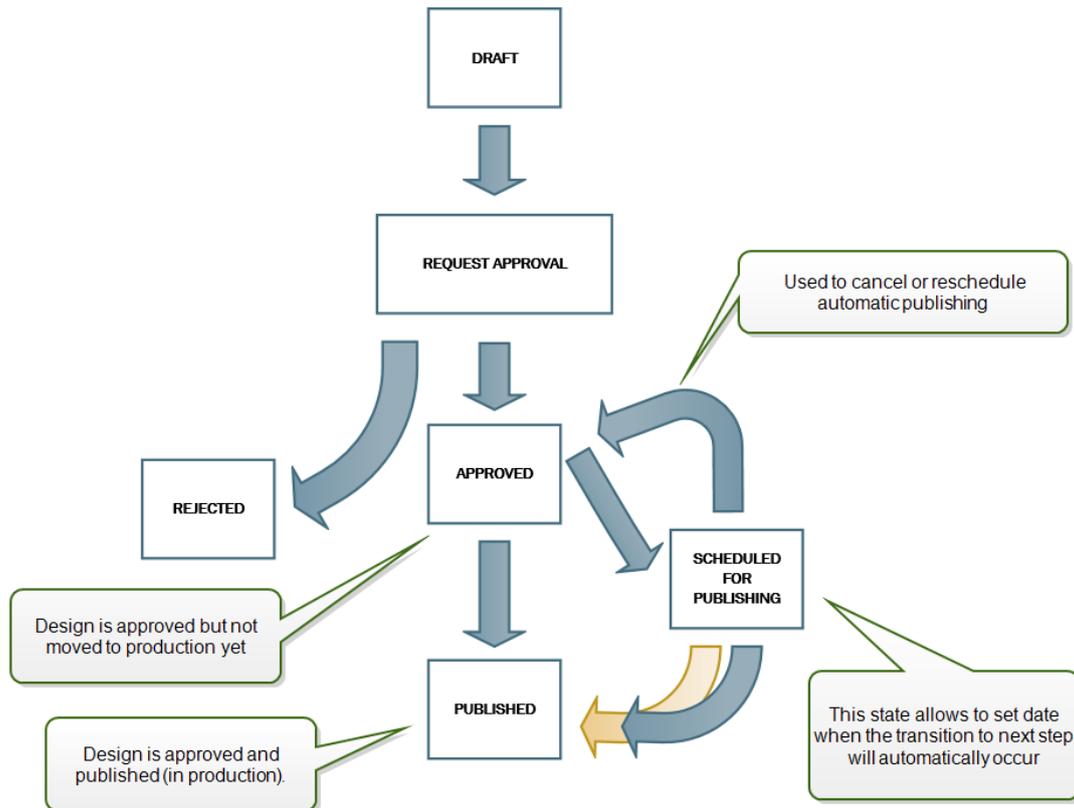
When the file is approved and published in a master Document Storage, it will be automatically synchronized with the Document Storage in the client Control Center. The synchronized file will obtain the default workflow step of the workflow selected on the target folder.

Scheduled Publishing

Note

You must have the product NiceLabel Control Center Enterprise to use this feature.

A new workflow type allows you to publish your files with a time delay.



The new workflow is similar to the Label production approval process workflow, but it differentiates between the **Approved** and **Published** states. When the document is approved, it is functionally complete, but not automatically used in the production environment yet.

In some environments, the move into the final Published state must be performed with a delay. The document might have to wait until the next work shift, or until a specific date, such as after the public holidays, or when a production order requires new label designs. You can schedule the date and time of the publishing to occur in the future.

Change workflow step (2D codes.lbl)

Current step: Approved

Next step: Scheduled for publishing

Workflow step "Scheduled for publishing" will be scheduled to automatically transition to workflow step "Published".

Automatic transition time: 09/01/2014 00:00

Comment: The file is approved and Note: publishing must oc

September 2014

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4

Workflow step log

Date	User	Data	Comment
6/6/2014 2:46:03 PM	Anonymous	Draft -> Request approval Workflow: Label product	
6/6/2014 2:46:10 PM	Anonymous	Request approval -> Ap Workflow: Label product	

The document is already approved, but not available in the production yet. It will be published later on a defined day and time.

OK Cancel

The transition to the Published state can be done manually or automatically by the system on a specific date/time, as you selected.

In both cases, the change of the step is logged into the system database.

Updates and Optimizations

Speed Enhancement for the Label Preview

Label preview rendering speed has been drastically increased due to the new print engine, responsible for the image creation. Control Center V6.3 uses the same new-generation print engine that is also available in the product **NiceLabel SDK.NET**.

The label preview is created practically instantaneous without any noticeable delay.

Document Storage Performance Optimizations

Internally, the mechanism to interact with the files inside the Document Storage has been overhauled to achieve noticeably improved performance, when storing hundreds or thousands of files.

The navigation is faster and the application latency has been minimized to improve the user experience.

Optimization of Event Logging Processes from the Automation Clients

NiceLabel Automation software can be configured to report the details about each print event back to the Control Center for consolidated history.

The Web Service running in the Control Center has been optimized to accept more data in a single data package. This results in less communication between the client and the Control Center, thereby minimizing data overhead and ultimately saving network bandwidth.

Support for Windows Groups in the WebDAV Authentication

New version of the Control Center supports Windows Groups when you authenticate with the WebDAV. The Document Storage relies on the WebDAV technology. When you configure access permissions in NiceLabel software, you can now not only use the Windows users, but also the Windows groups.

The Windows groups are supported in the WebDAV authentication from Windows Vista and above.

HTTPS Support for Control Center

If the protection of the communication between the Control Center and all the clients (NiceLabel clients or users browsing the Control Center webpage) is important, you can enable the Hypertext Transfer Protocol Secure (HTTPS).

This will prevent wiretapping and man-in-the-middle attacks on the Control Center. All the exchanged data will also remain private because of the bidirectional encryption of communication between a client and the server. Ultimately, the communication between the user and the server cannot be read and forged by any third party.

When you enable the HTTPS support, you have to access the Control Center with https:// prefix:

`https://server/epm`

If you consider enabling the HTTPS support for your Control Center, you will have to discuss the implementation steps with the personnel who are responsible for the informational infrastructure in your company.