NiceLabel

MANAGED
DESIGN &
CONTROLLED
PRINT

NiceLabel 2017 Label Management System (LMS)

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Top Labelprinters
etikettenprinters & supplies

Agenda

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NiceLabel overview

1. Introduction
2. Why does NiceLabel exist?
3. Our LMS customers

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Your challenges

1. Key business drivers
2. Direct costs
3. Indirect costs

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Solution: LMS

1. LMS overview
2. Label and application designer
3. Web printing
4. Integration system
5. Document Management System
6. Services and support

NiceLabel overview

NiceLabel overview

Do More. Faster. With Less.™

- High growth global business
- Creating value by improving ***PRINT PRODUCTIVITY***
  - Enabling adoption of high ROI ***best practices***
  - ***Print productivity*** across the entire product range
- EMEA HQ and development team (Slovenia)
- US, EMEA and APAC sales, service and support teams
- Partners and distribution in 100+ countries
- >50% of all label printers globally ship with NL Technology

“

We exist to help businesses achieve continuous improvement and productivity gains from their labelling process. We call this “print productivity“

The value of print productivity

- **Increase agility** - Empower business user to design labels
  - Eliminate IT help or knowledge of printer commands
- **Reduce** and consolidate **label variations**
  - Universal - Portable across any brand or resolution of printers
  - Dynamic - Move, resize, hide or format objects at print-time
  - Data-driven – Business rules help reduce variations
- **Mitigate risk** and **optimize processes**
  - Integrate with master data and business systems
  - Eliminate mislabeling and unplanned downtime
  - Streamline label lifecycle and improve productivity

Why is NiceLabel unique?

NiceLabel's Label Management Solutions maximize value for businesses and their partners by giving them a **single, scalable platform** to manage all their global labeling and marking management needs. Based on NiceLabel's **modular, easily configurable and reliable** technology, companies can realize **fastest time-to-value**.

NiceLabel technology addresses the needs of the **widest range** of end-users and optimizes the performance of the widest range of printing and marking devices.

At the forefront of market demand, NiceLabel seeks to use its domain expertise to proactively give customers what they need.

LMS Life sciences customers

Medical

Pharmaceutical

Laboratory

LMS Retail customers

Apparel & Garment

Food & non-food

LMS Other customers

Food & Beverage

T&L

Chemical

Electronics

Automotive

Your challenges

Why are companies modernizing labeling?

- Regulatory and compliance standards
- Customer responsiveness
- Operational efficiency
- Configurability and segmentation
- Supply chain collaboration
- Brand consistency and protection
- Business continuity and disaster recovery

Today‘s labelling challenges

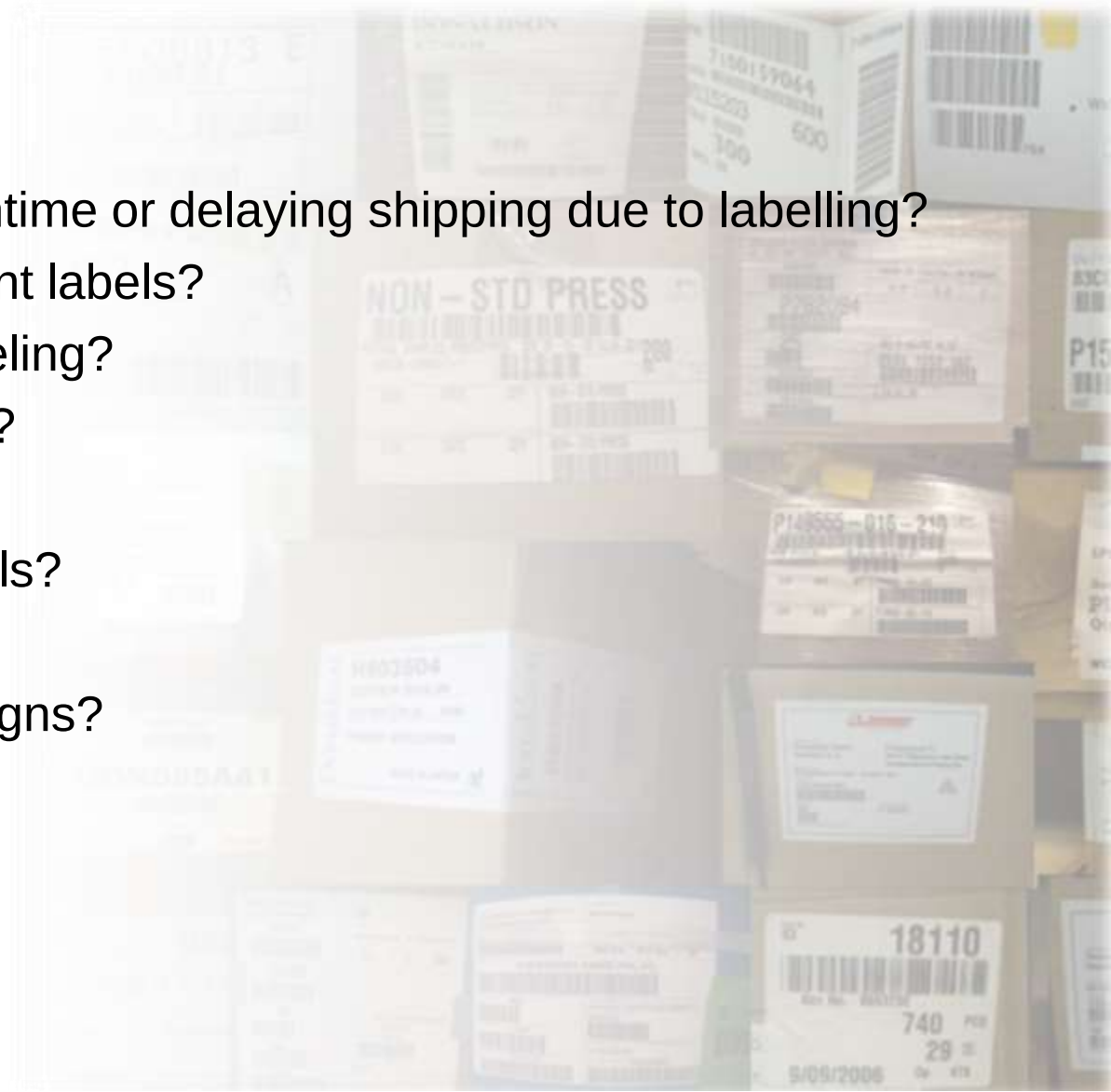
Design	Print	Manage
Solutions from multiple vendors	Errors printing from designers	No user access control
Requires help from IT, programmers or external consultants	Easy to make mistakes resulting in data-entry errors	No centralized storage
Multiple people designing labels	Mislabeling and many scanning discrepancies	No digital label catalog
Many static label templates	Label picking and shipping errors	No revision control
Inconsistent designs	Material & labor waste	No quality assurance
Weeks to design new labels	Unplanned downtime	No centralised print history or audit trails
	Product recalls	No analytics
	Compliance or regulatory fines	No device management
		No non-production environment

Key questions
Direct costs

- How many people are involved in the design and print process?
- Do you have security and role based access control?
- Can your business users design labels?
- How long does it take for you to deal with label change requests?
- How many templates or label variations do you have to create and manage?
- How much support, maintenance and reliance do you have on your IT department?
- Is your label printing batch, manual on-demand or integrated with your business applications and master data?
- Do you have to do re-labelling at goods-in?
- Have you ever had any fines or penalties for mislabeling or compliance?

Key questions
Indirect costs

- Do you have any occurrences of unplanned downtime or delaying shipping due to labelling?
- Do you every have to interrupt operations to reprint labels?
- How long are your production setup times for labeling?
- Have you ever had mislabeling or product recalls?
- Do you have language/localization challenges?
- Do you keep an electronic catalog of all your labels?
- Do you keep digital copies of all label revisions?
- Does a separate persons approve your label designs?
- Can you quickly audit your print/user history?
- Do you have regulatory or compliance demands?
- Do you have to wait on your labels printing?



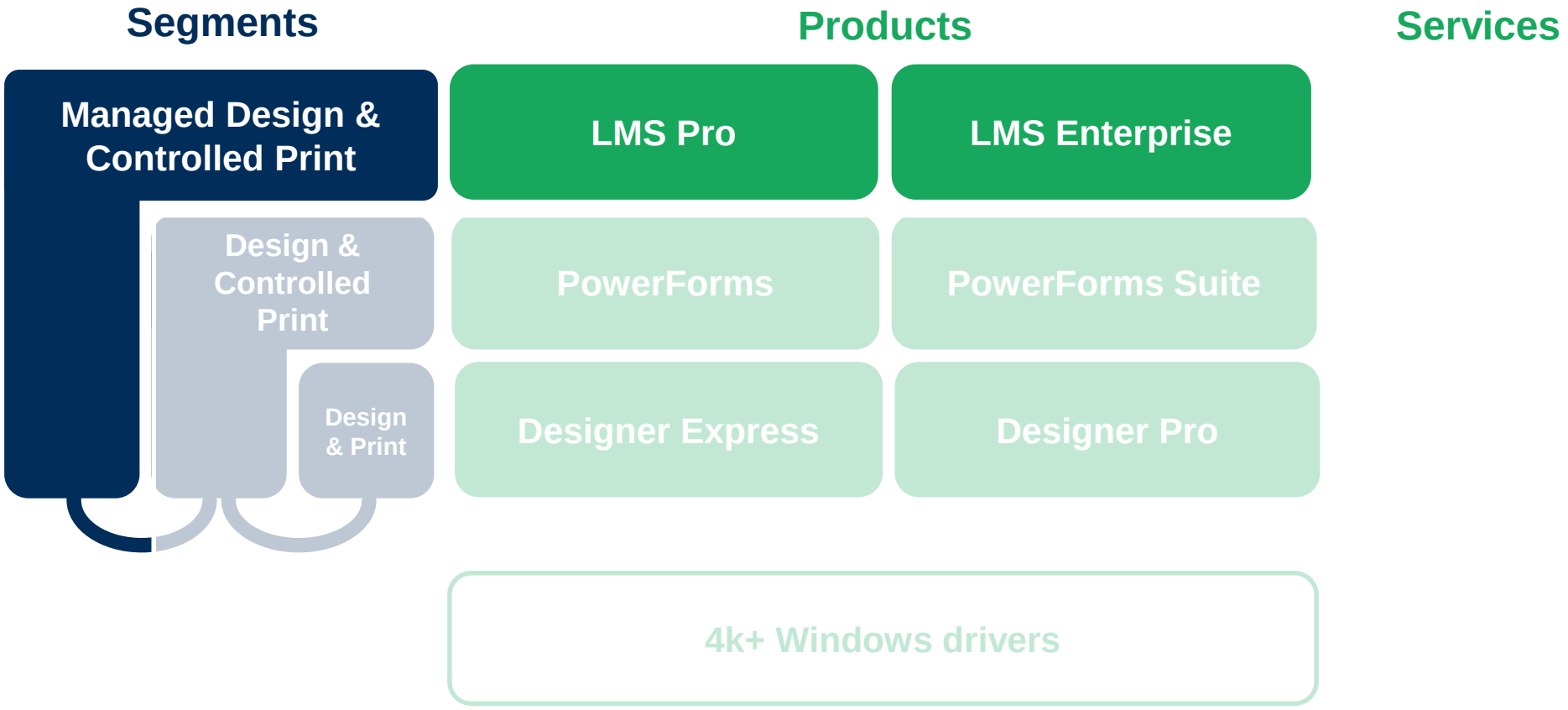
Solution:
Label Management System

(LMS Pro / LMS Enterprise)

NiceLabel®

NiceLabel 2017 Platform

MANAGED DESIGN & CONTROLLED PRINT



Positioning

MANAGED
DESIGN &
CONTROLLED
PRINT

Who is it for?

5 to 5000 users

SME to enterprise with QMS or Regulatory requirements (ISO 9001, EU or FDA GMPs)

What need does it solve?

Standardize your entire labeling process to meet quality control or regulatory requirements and improve efficiency

	LMS Pro	**LMS Enterprise**
Document management system	Control Center Pro	**Control Center Enterprise**
Web printing system	PowerForms Web	**PowerForms Web**
Integration system	Automation Pro	**Automation Enterprise**

LMS overview

What is LMS?

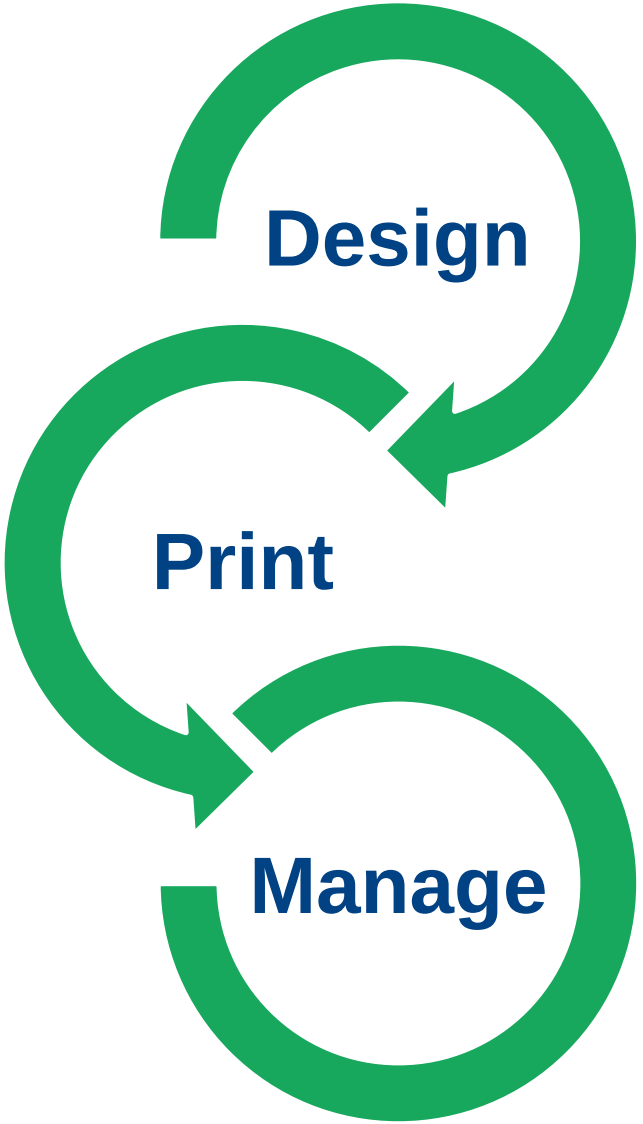
1. Label designer and application builder (PowerForms)
2. Document management system (Control Center)
3. Web printing system (PowerForms Web)
4. Integration system (Automation and .NET API)
5. Non-production environment and a change and transport system (Synchronization)

Why LMS?

- Mitigate risk, increase agility and optimize process
- Eliminate unplanned downtime
- Adopt best practices and reduce costs

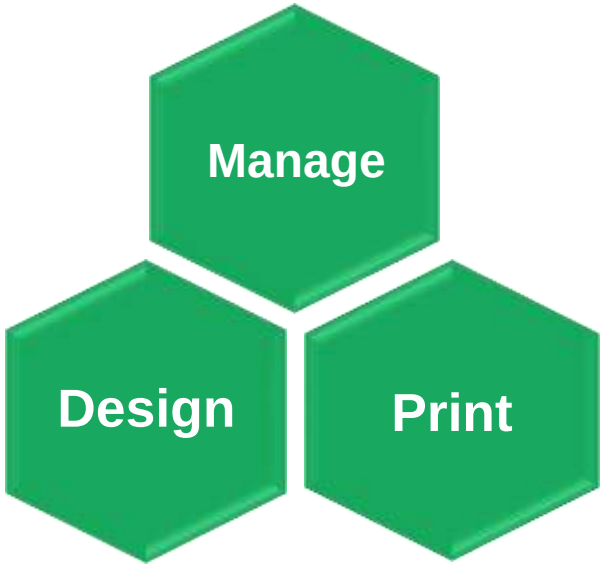
Who needs LMS?

- Business that practice a **quality management system** or are **regulated**
- 5 printers to many thousands of printers – infinitely scalable



LMS = All-inclusive Label Management System

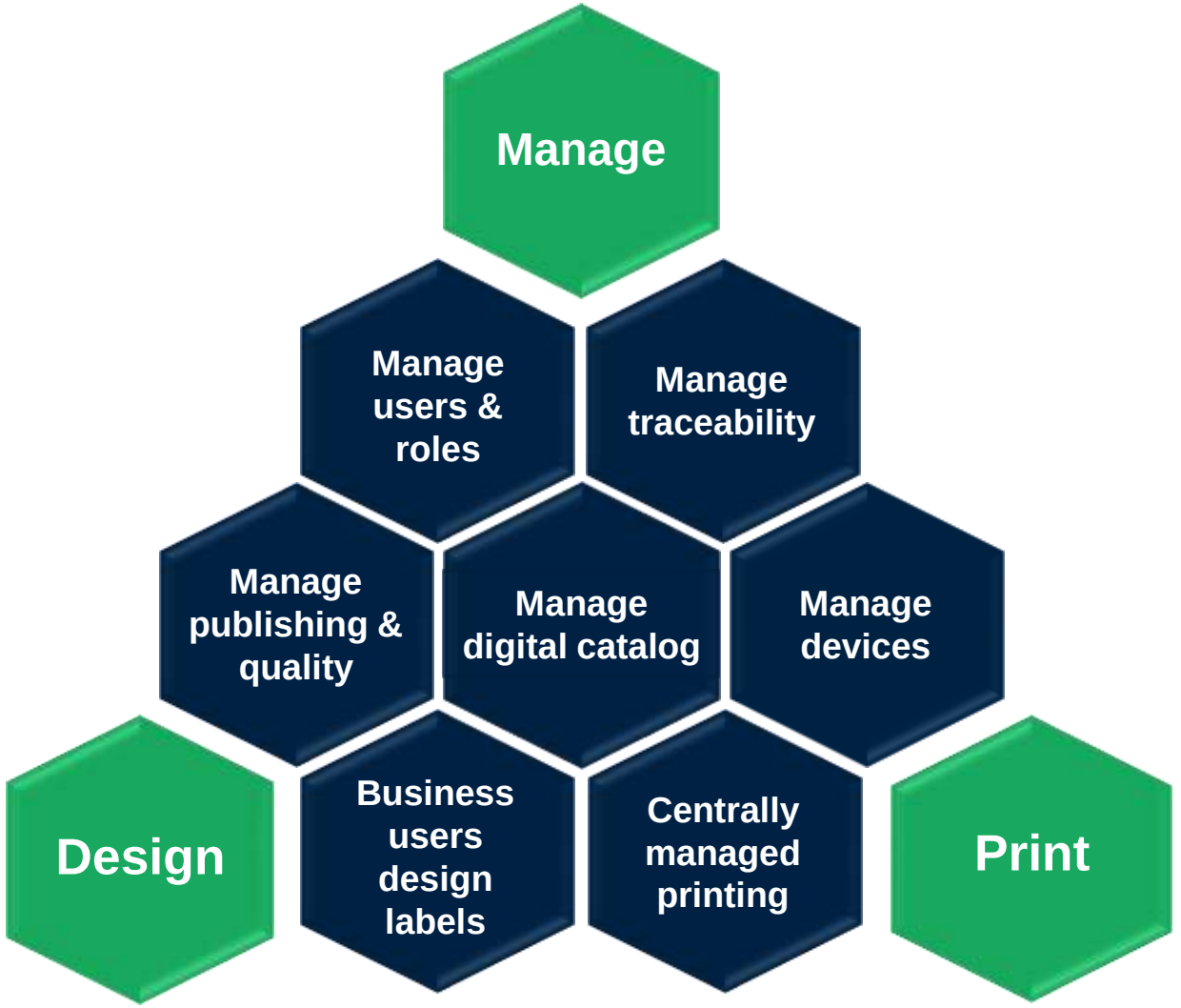
Significant and ongoing print productivity, value and ROI comes from Manage and Print



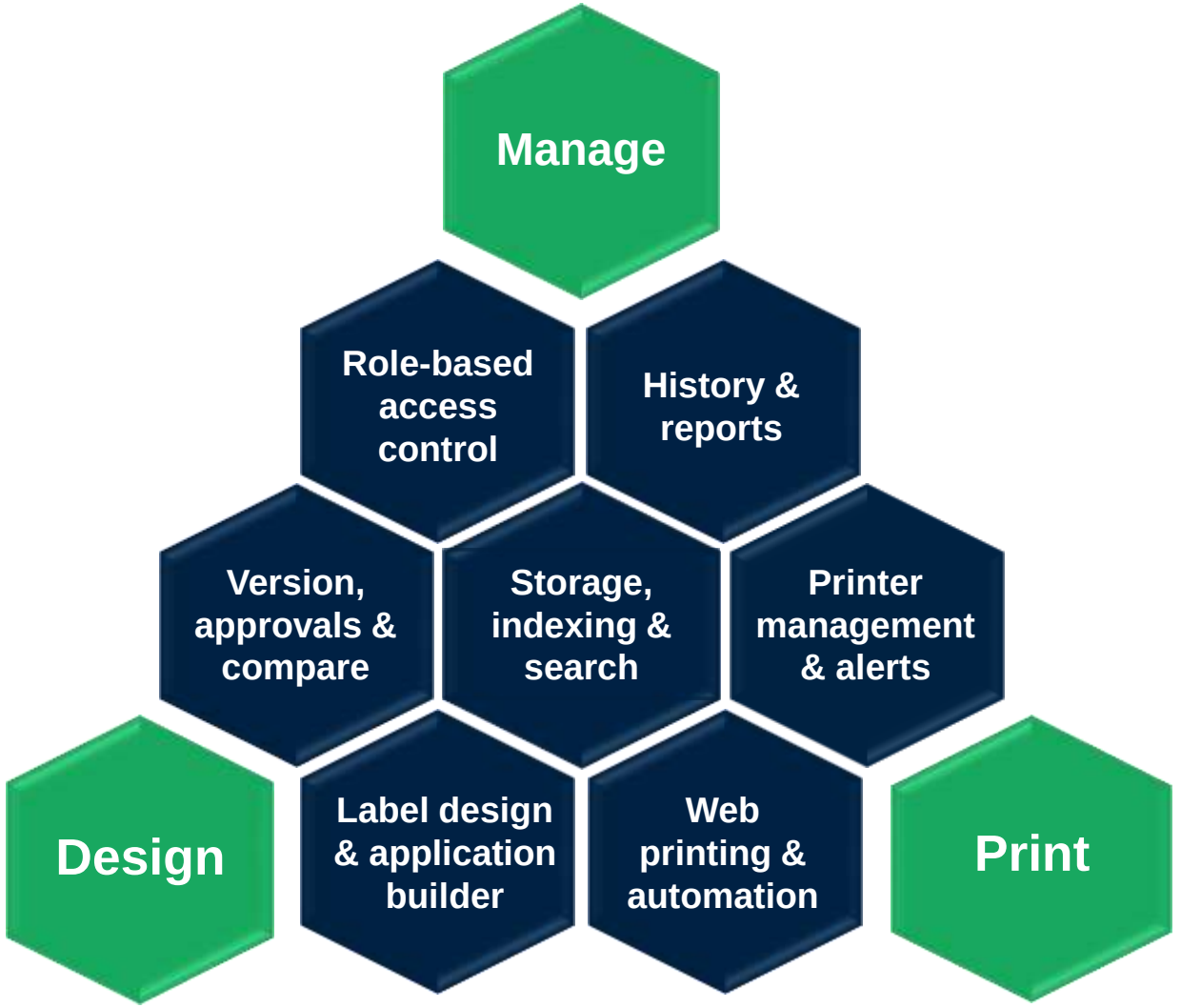
Design labels
- Infrequently

Print labels & Manage labelling
- Every day, every week, every month

Print productivity best practices



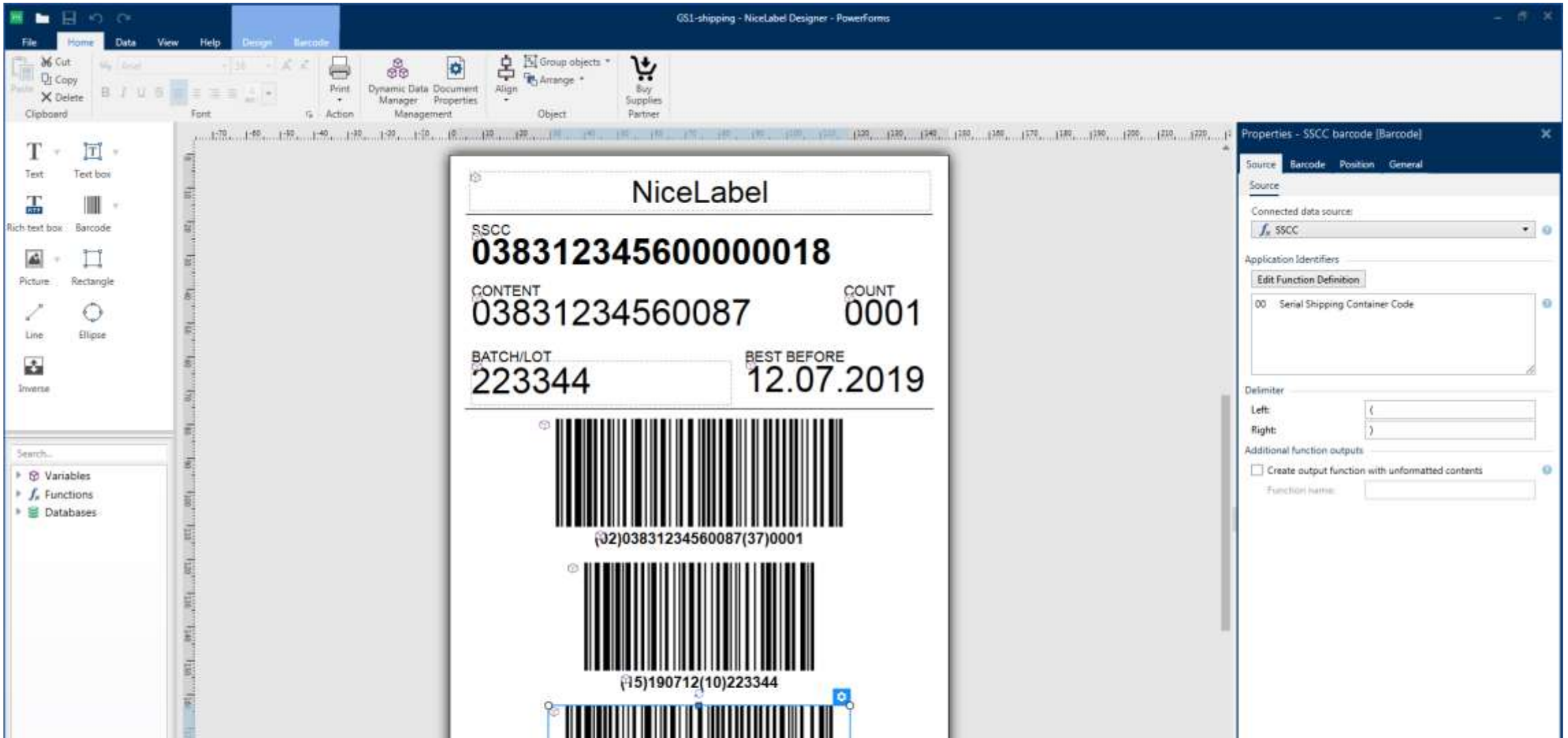
Print productivity features



LMS
Label designer
(PowerForms)

NiceLabel®

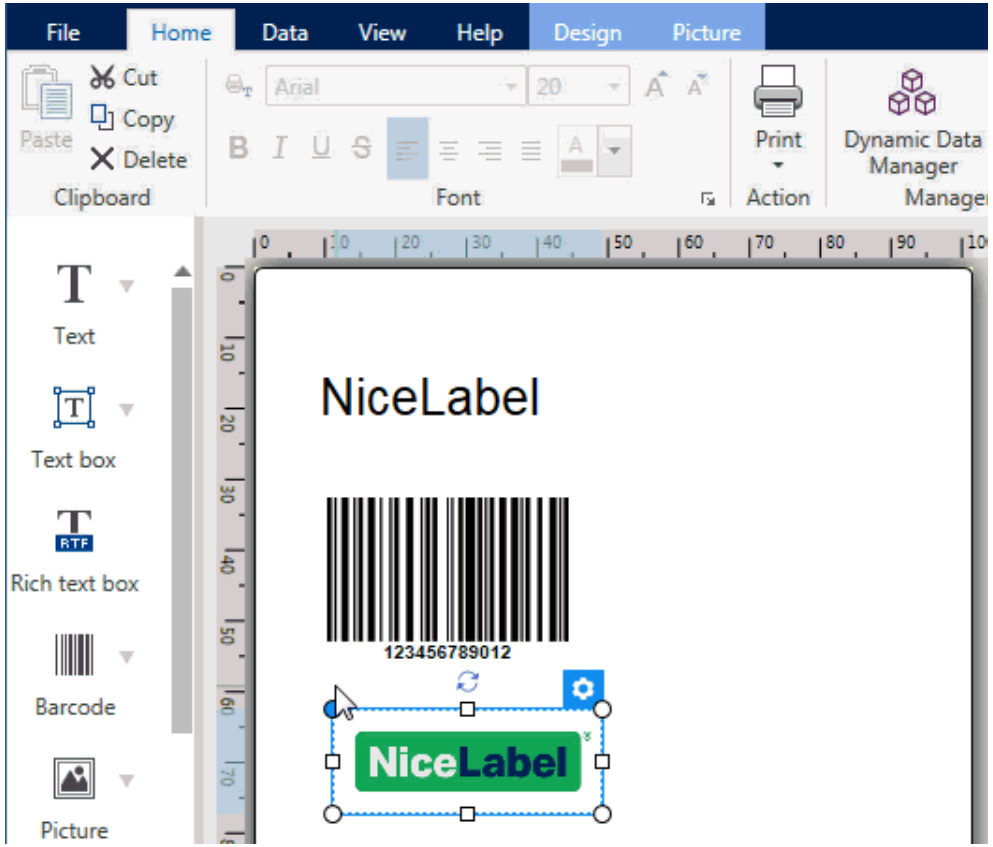
Label designer – familiarity of MS Office



Label designer - simplicity

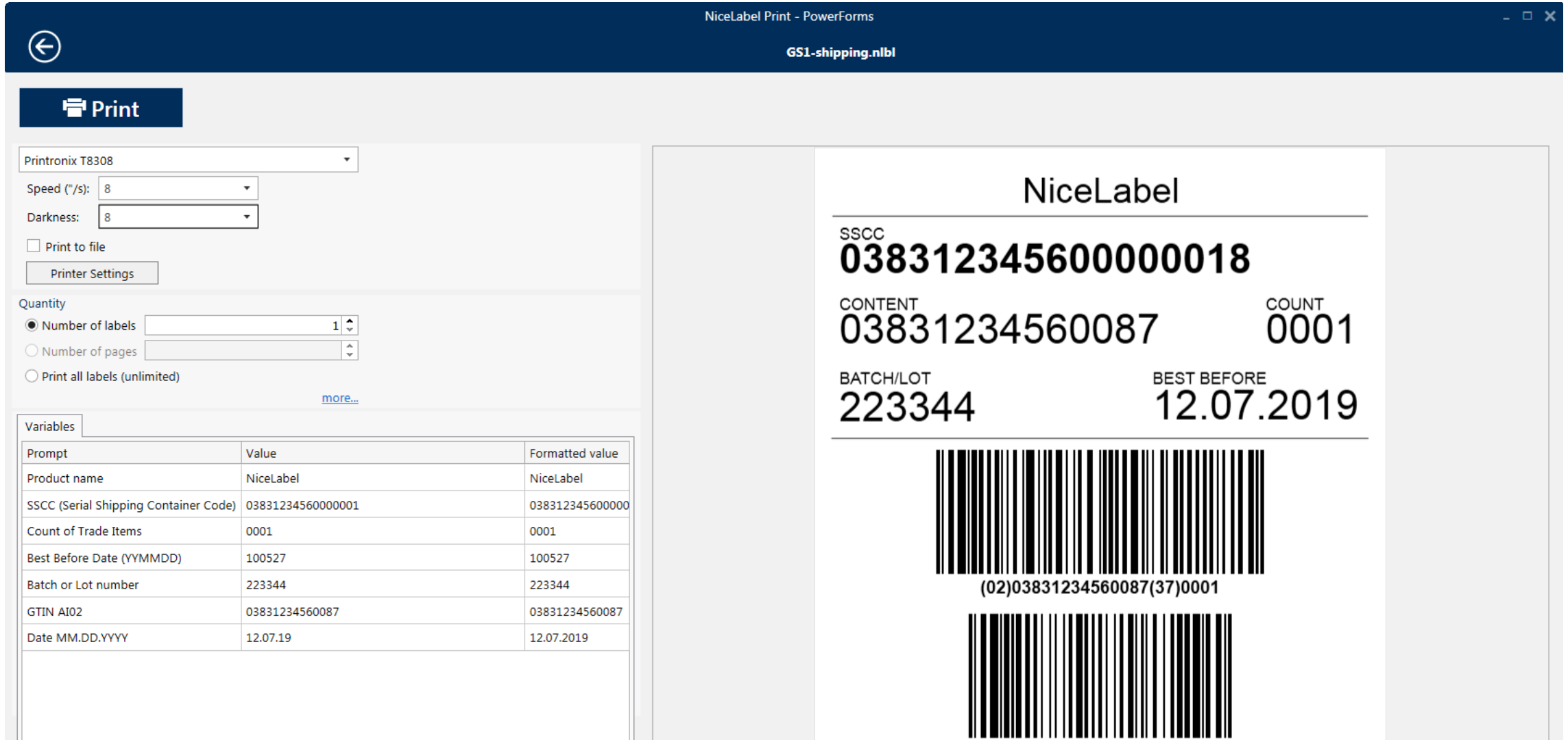
- Next-generation easy to use
- All barcodes, RFID...
- Pre-built compliance labels
- All the help you need
- All languages
- Database connectivity
- Data validation, formatting and processing

- More info in Design&Print presentation



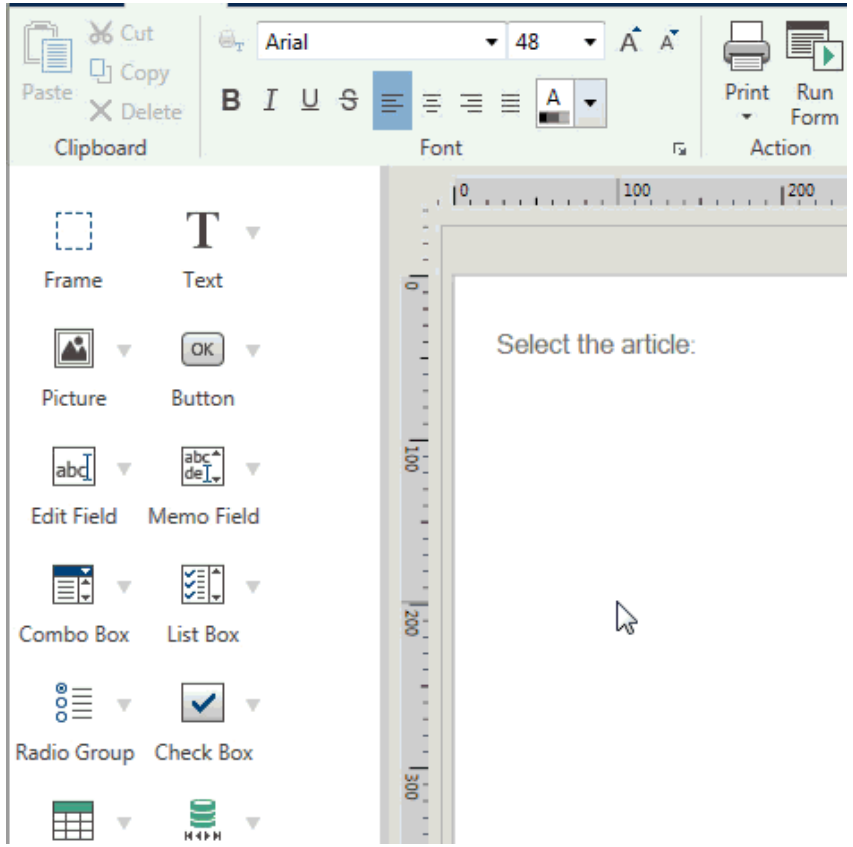
LMS
Application builder
(PowerForms)

Auto-generated all-in-one print forms



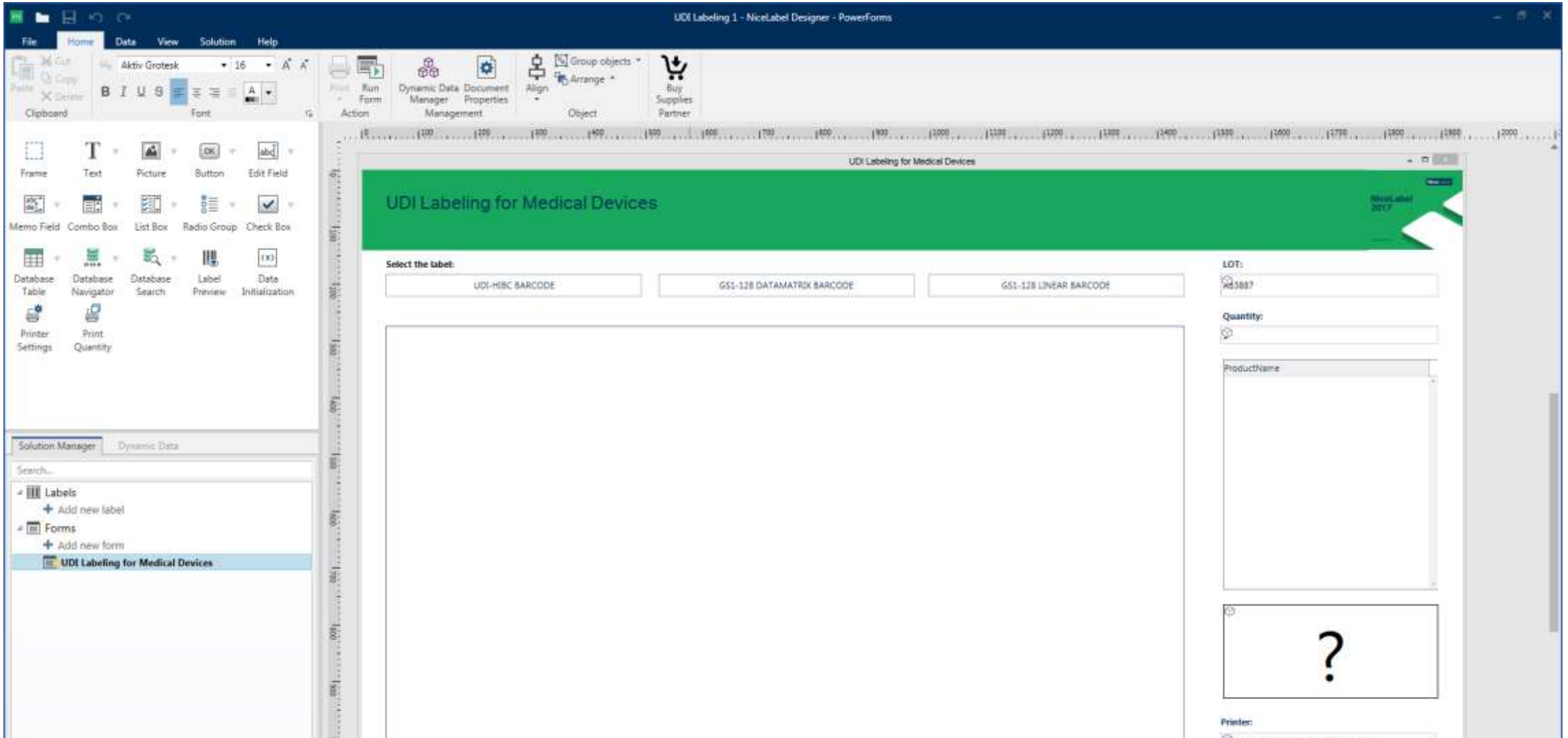
Application builder – Configure. Don’t code.

- Customization without coding
- Simplify the print process for nonskilled workers
- Streamline complex printing processes

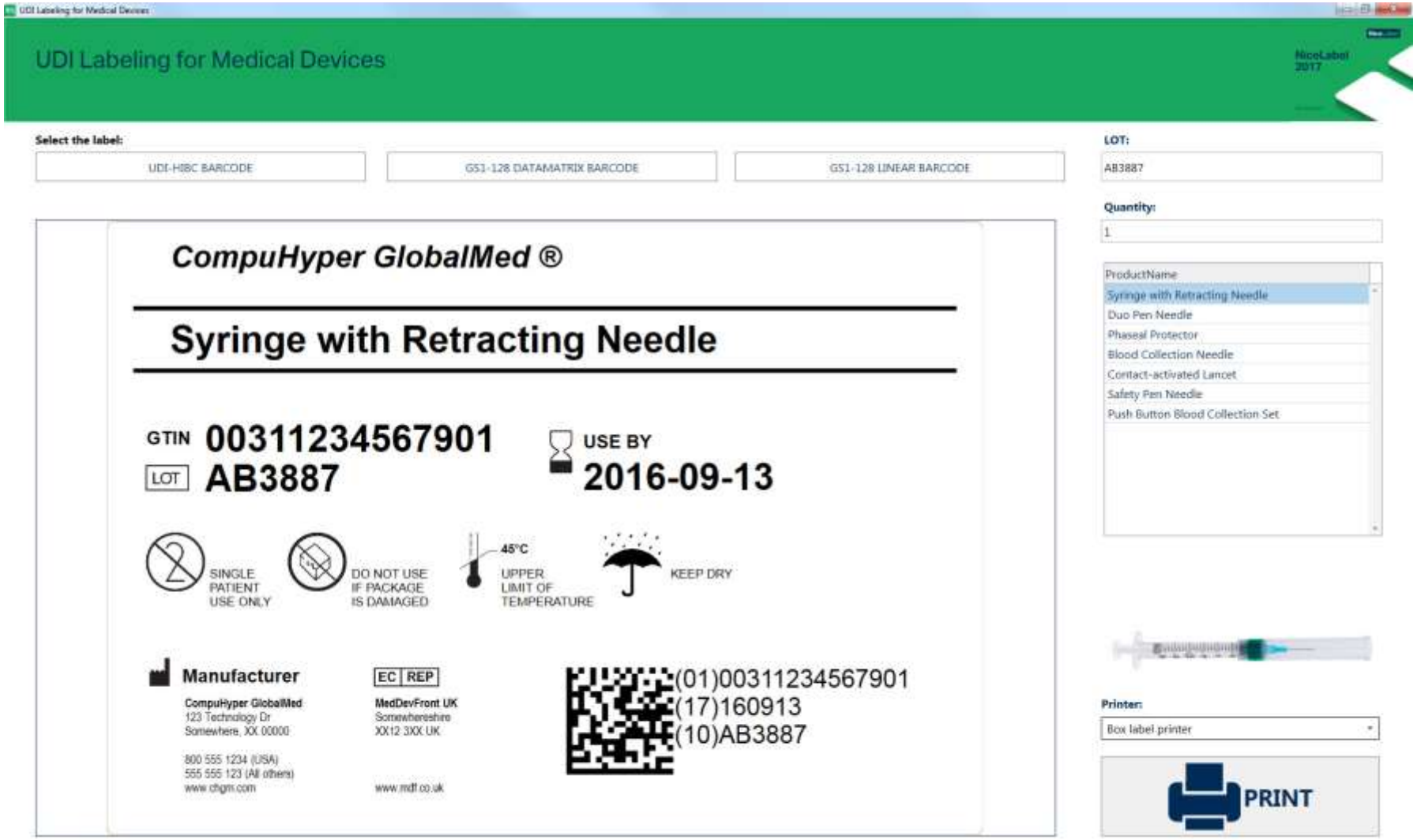


- More info in Design&Controlled Print presentation

Application builder – Configure. Don’t code.



Finished application deployed via browser

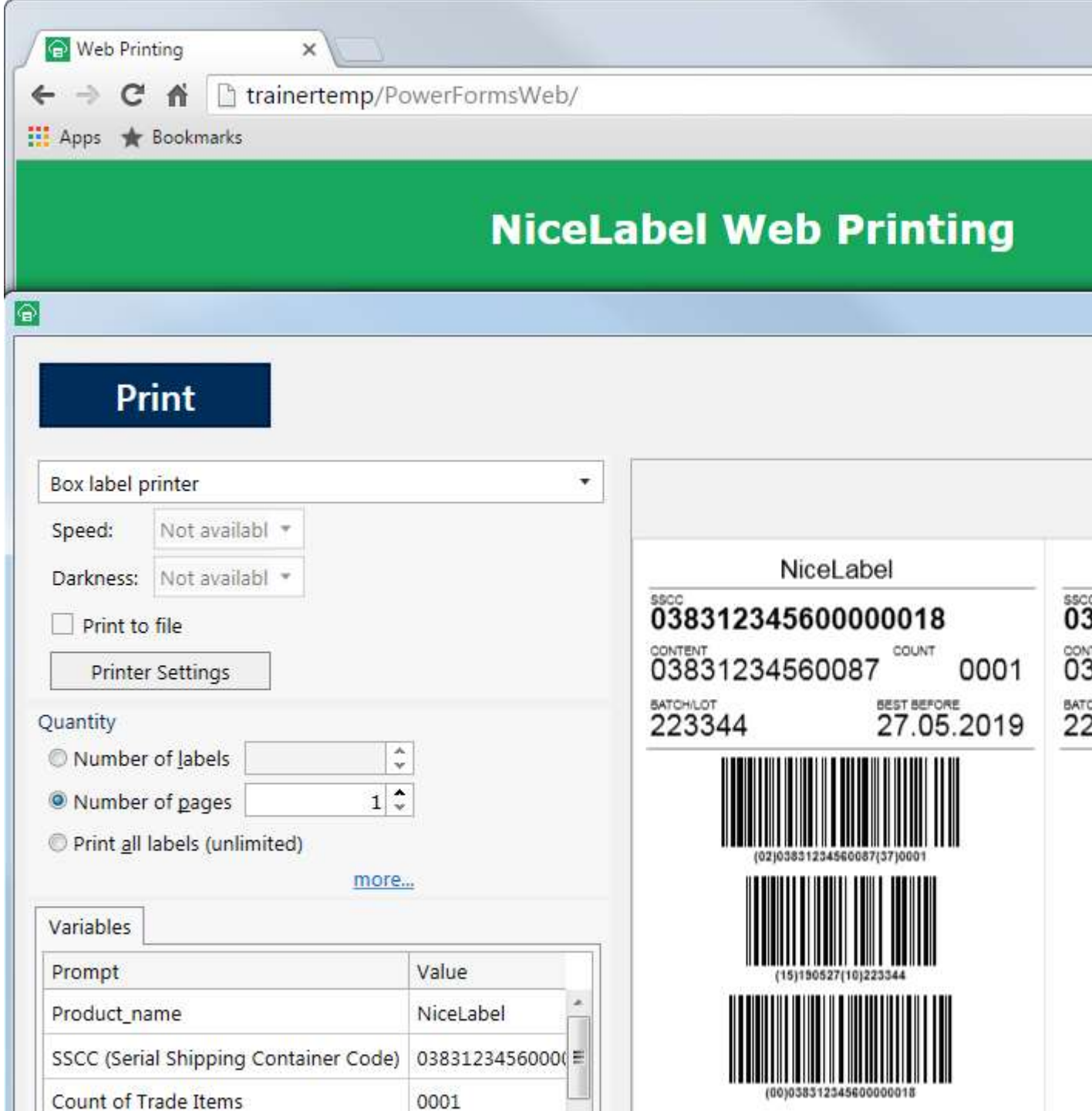


LMS
Web printing system
(PowerForms Web)

NiceLabel®

Web printing (client-side)

- Centralize management for all manual printing solutions
- Deploy consistent labeling instantly
  - Extend to remote locations
  - Extend to business partners
    - Contract manufacturers
    - Suppliers
    - 3PL
- Integrate with web apps.



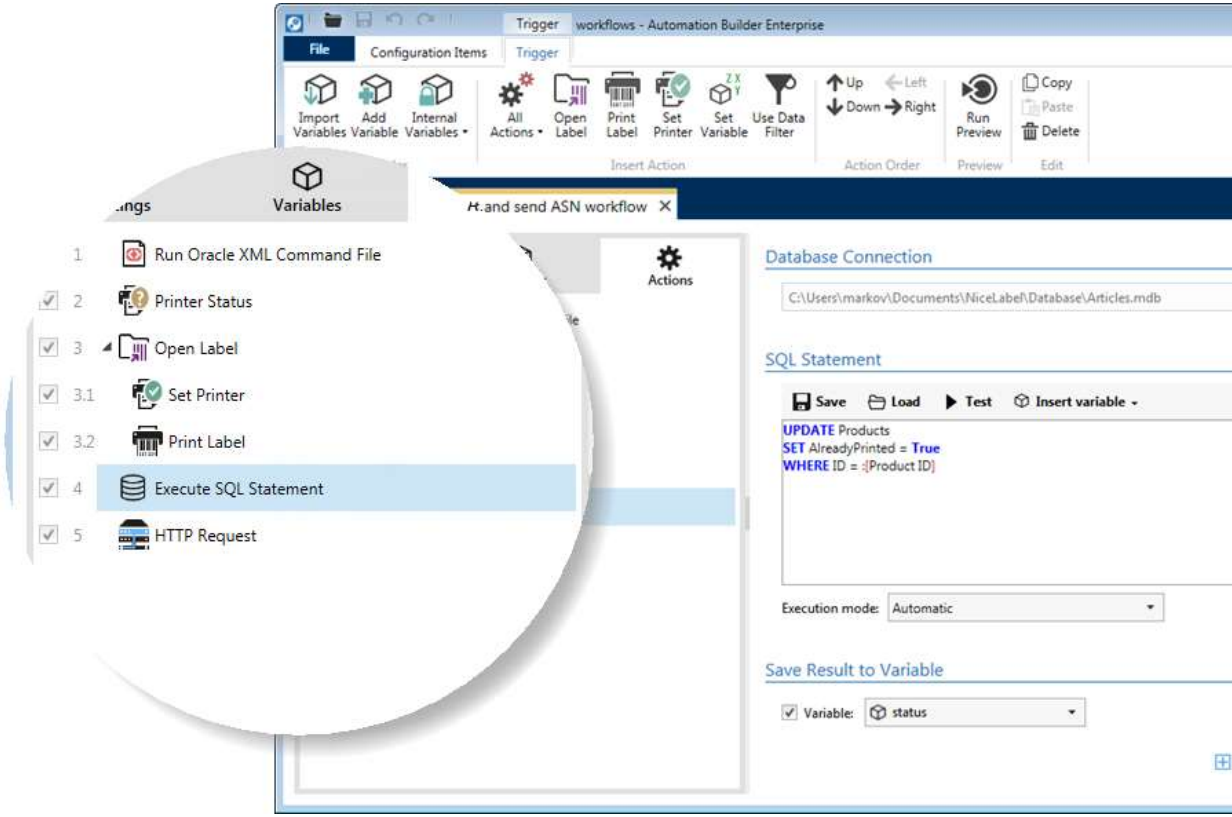
LMS Integration system

(Automation Pro / Enterprise)

NiceLabel®

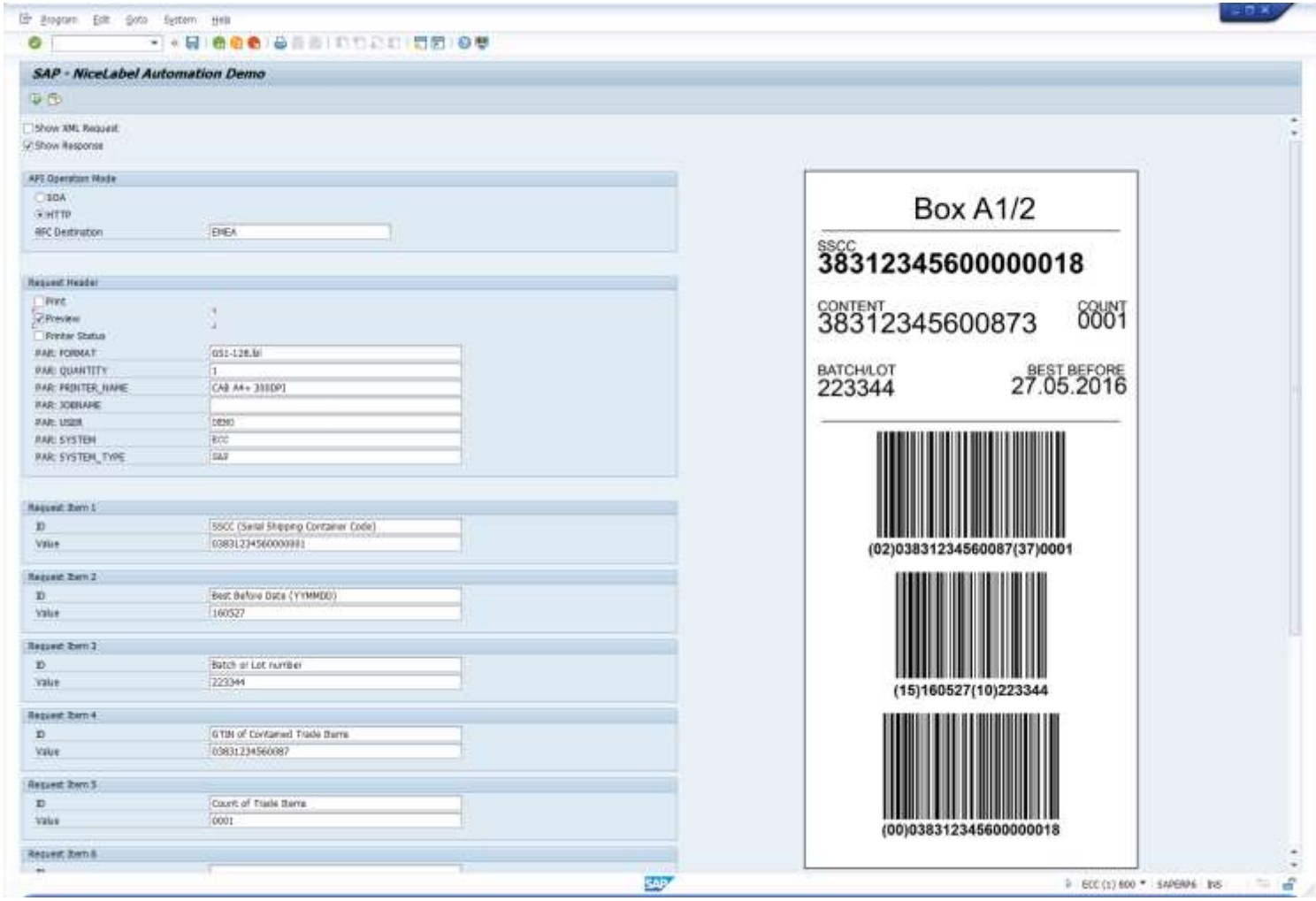
Integration system (server side)

- Print from existing business systems
  - Includes ABAP package for SAP
  - Prebuilt templates and connector for Oracle
  - Data mapping provides integration without coding for any other business system
- Print from iOS or Android devices
- Web printing (platform agnostic)
- Service bus for additional / non-printing integration purposes



Integration system (for SAP)

- NiceLabel ABAP package
  - Rapid deployment and adoption to accelerate ROI
  - Instant label preview
  - On-demand “instant” printing
  - Real-time status feedback



Integration system (for SAP)

Previous Generation

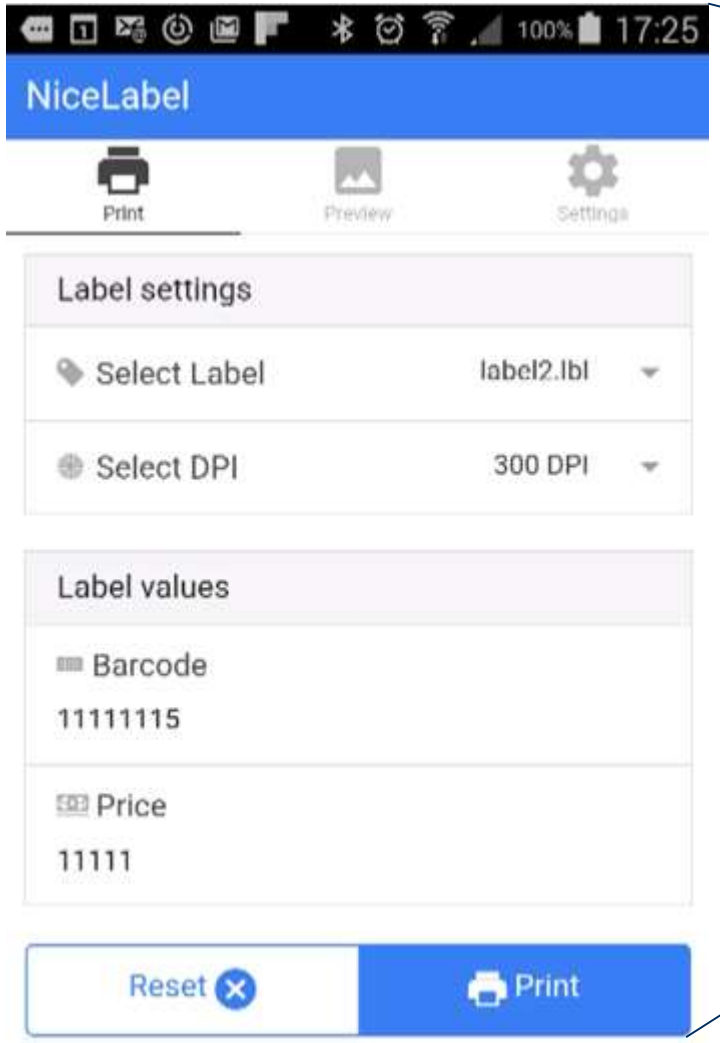
- RDI / XSF / XFP
- Spooler
- Command line submission
- *External BC-XOM Connector**
- RFC Call back
- *External Print Server*

Time to first label out

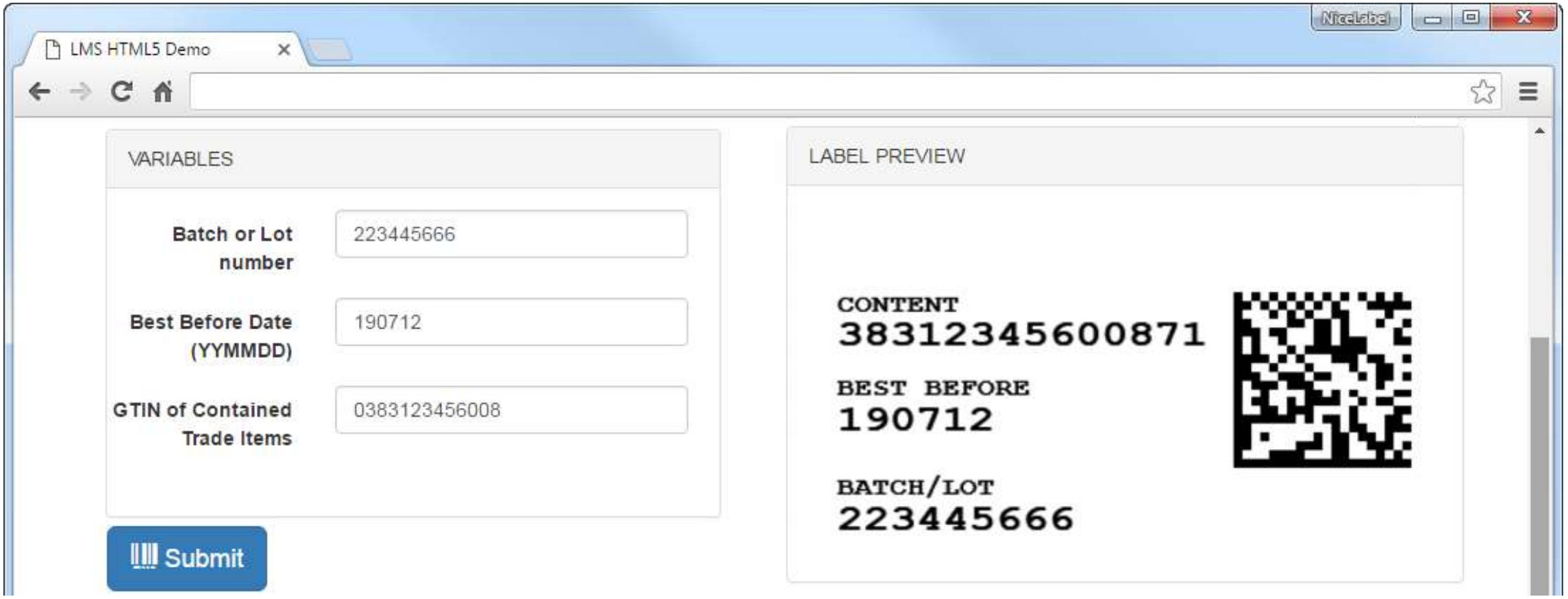
NiceLabel Next Generation

- XML
- ABAP Package
- *External Print Server*

Integration system (for Android or iOS)



Integration system (platform agnostic)
HTML5 Example



LMS Document management system

(Control Center Pro / Enterprise)

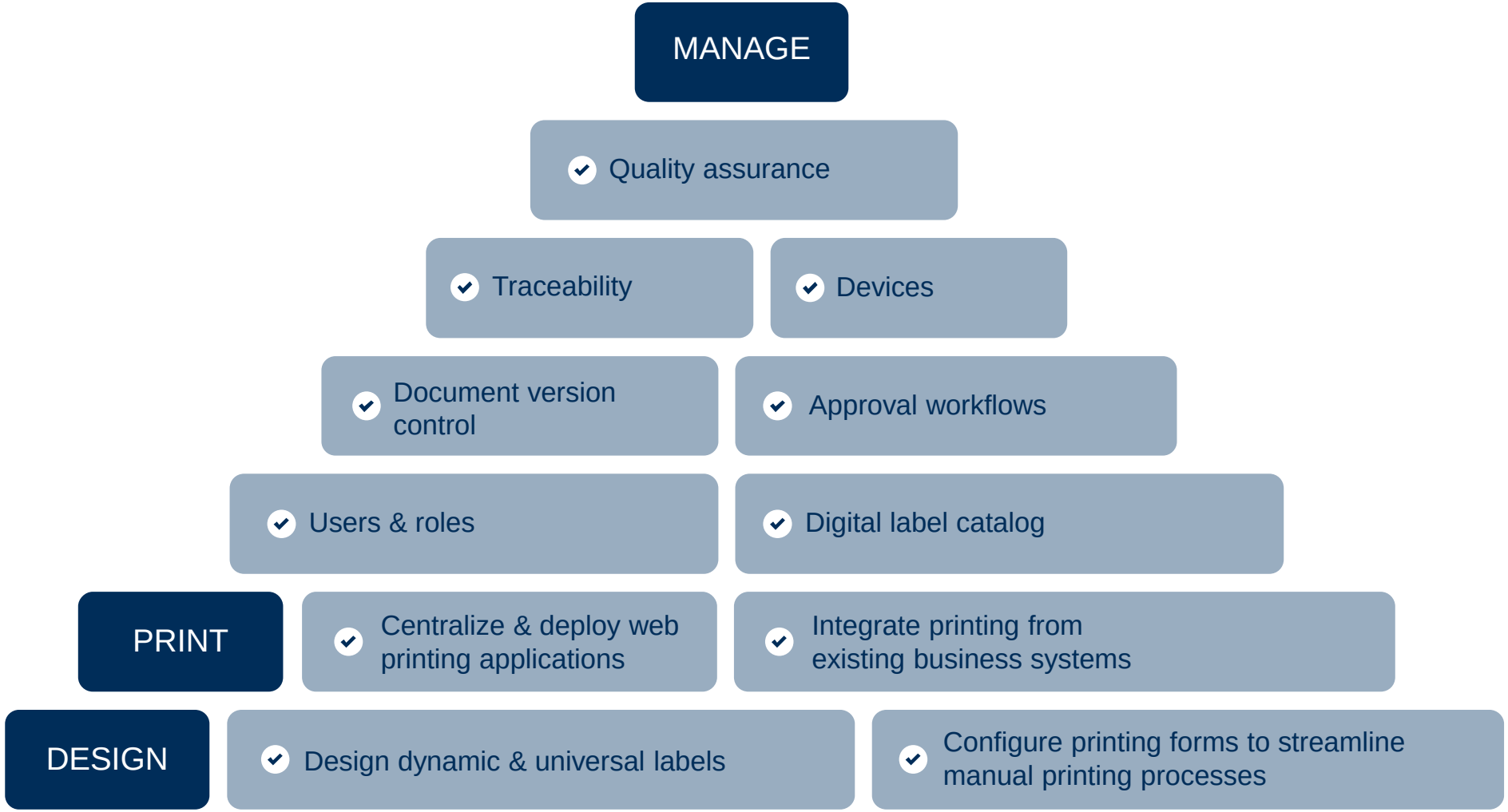
NiceLabel®

Web based - Document management system

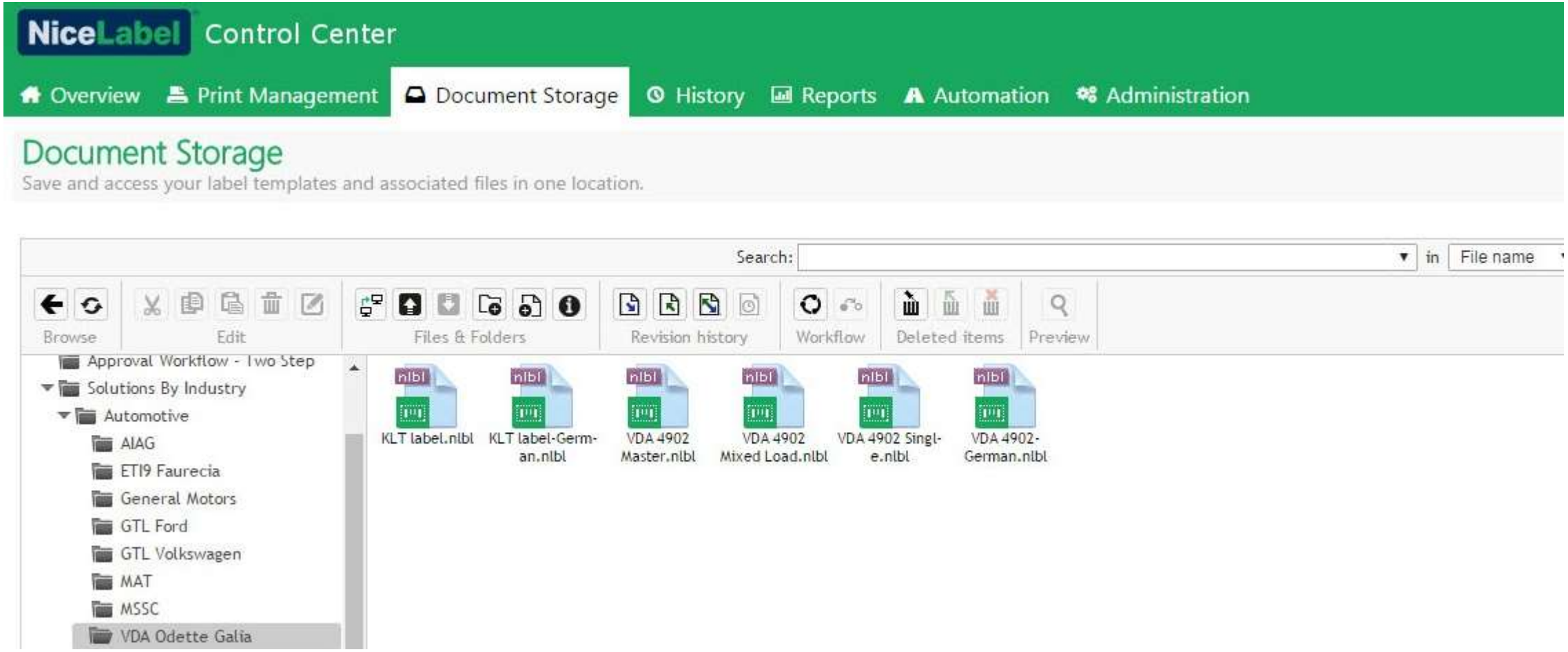
Manage

- Users & roles
- Digital catalog of all documents
- Version control
- Manual printing solutions (Web printing)
- Approval & publishing workflows
- Audit trails, print history & reprinting
- Devices
- Quality assurance

LMS best practices

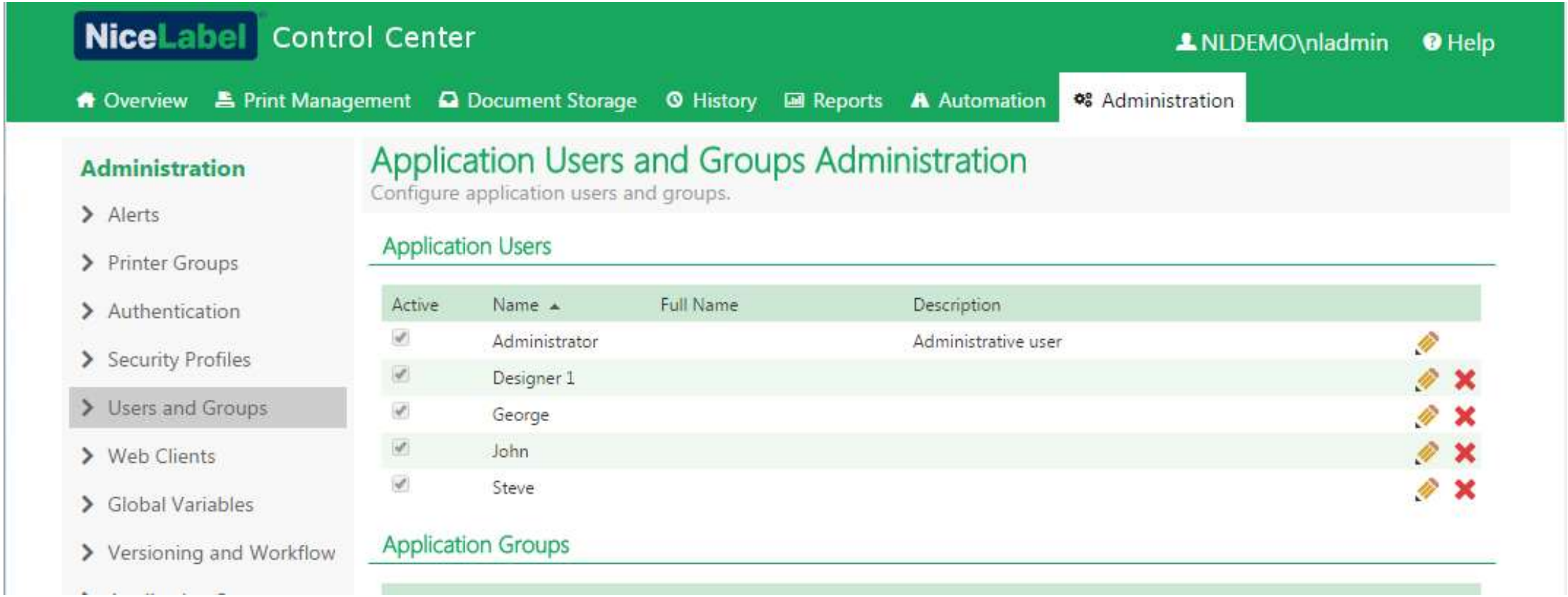


Centralized storage, indexing and search

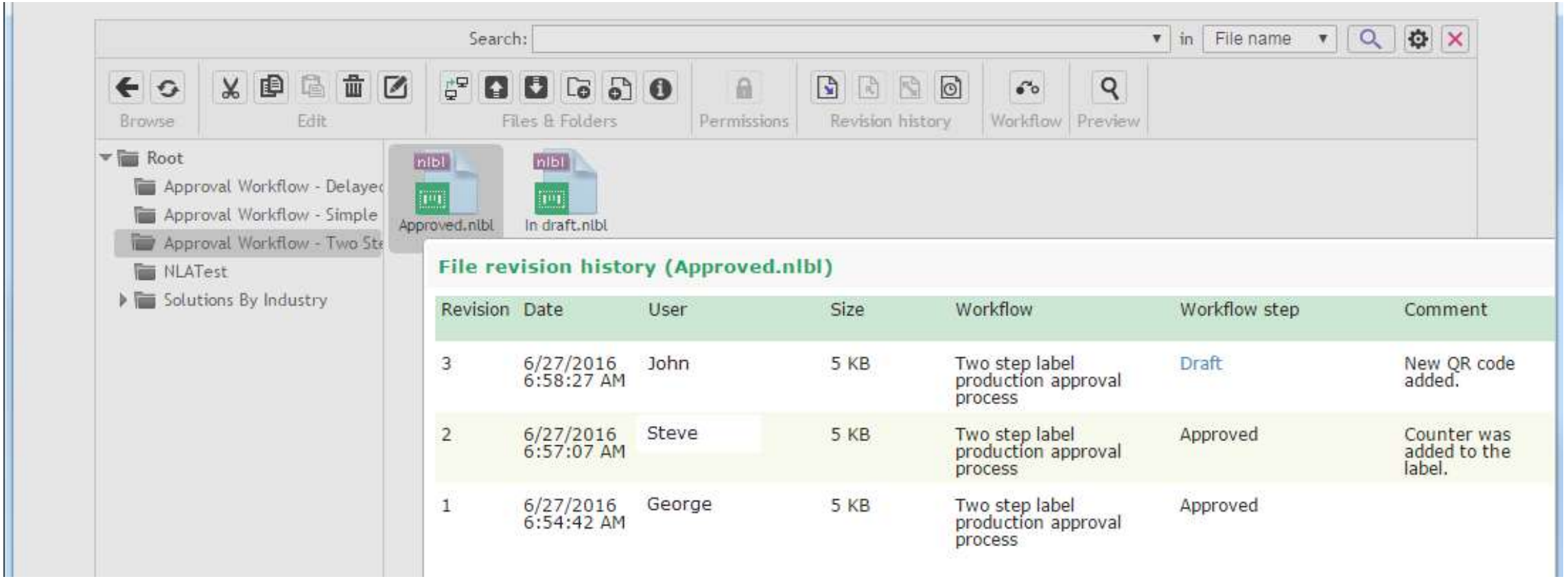


Centralized storage, indexing and search

Manage users & roles



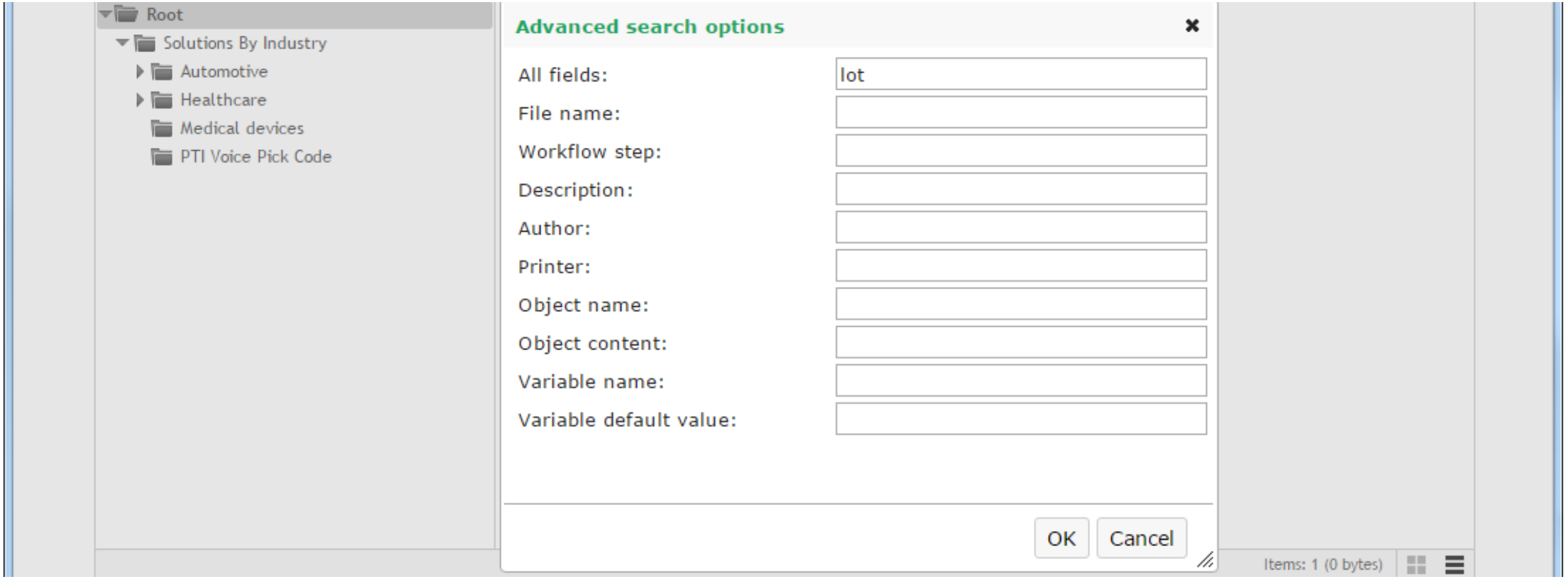
Manage version control



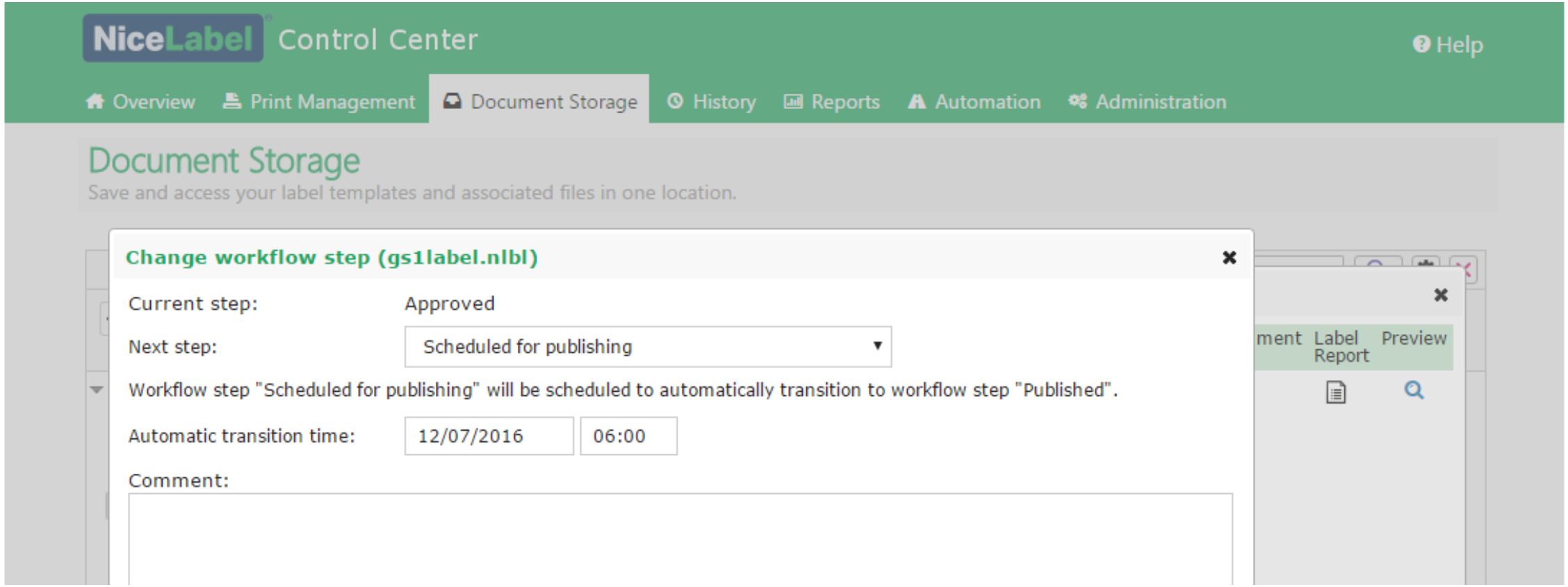
Revision	Date	User	Size	Workflow	Workflow step	Comment
3	6/27/2016 6:58:27 AM	John	5 KB	Two step label production approval process	Draft	New QR code added.
2	6/27/2016 6:57:07 AM	Steve	5 KB	Two step label production approval process	Approved	Counter was added to the label.
1	6/27/2016 6:54:42 AM	George	5 KB	Two step label production approval process	Approved	

*Only in Enterprise edition

Indexing and search



Secure, electronic approval and publishing workflows

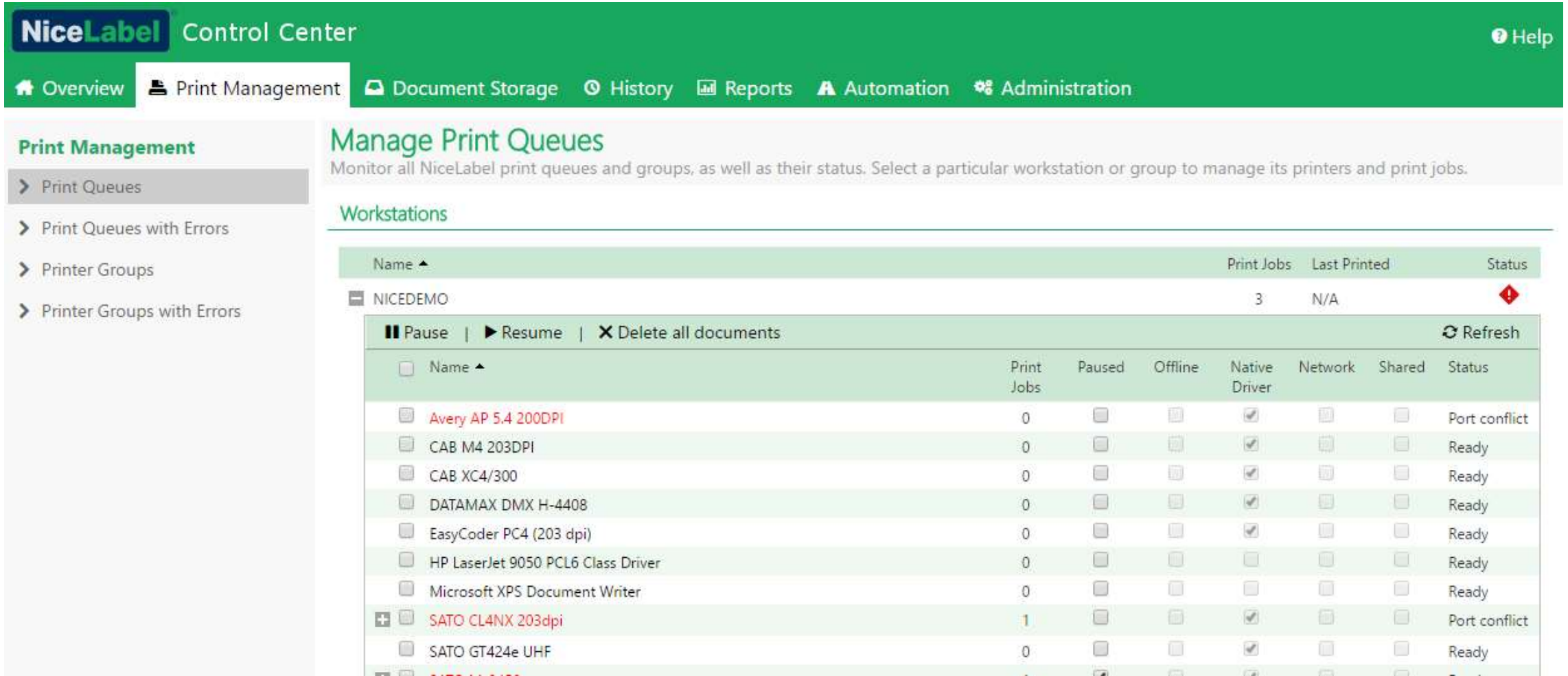


*Only in Enterprise edition

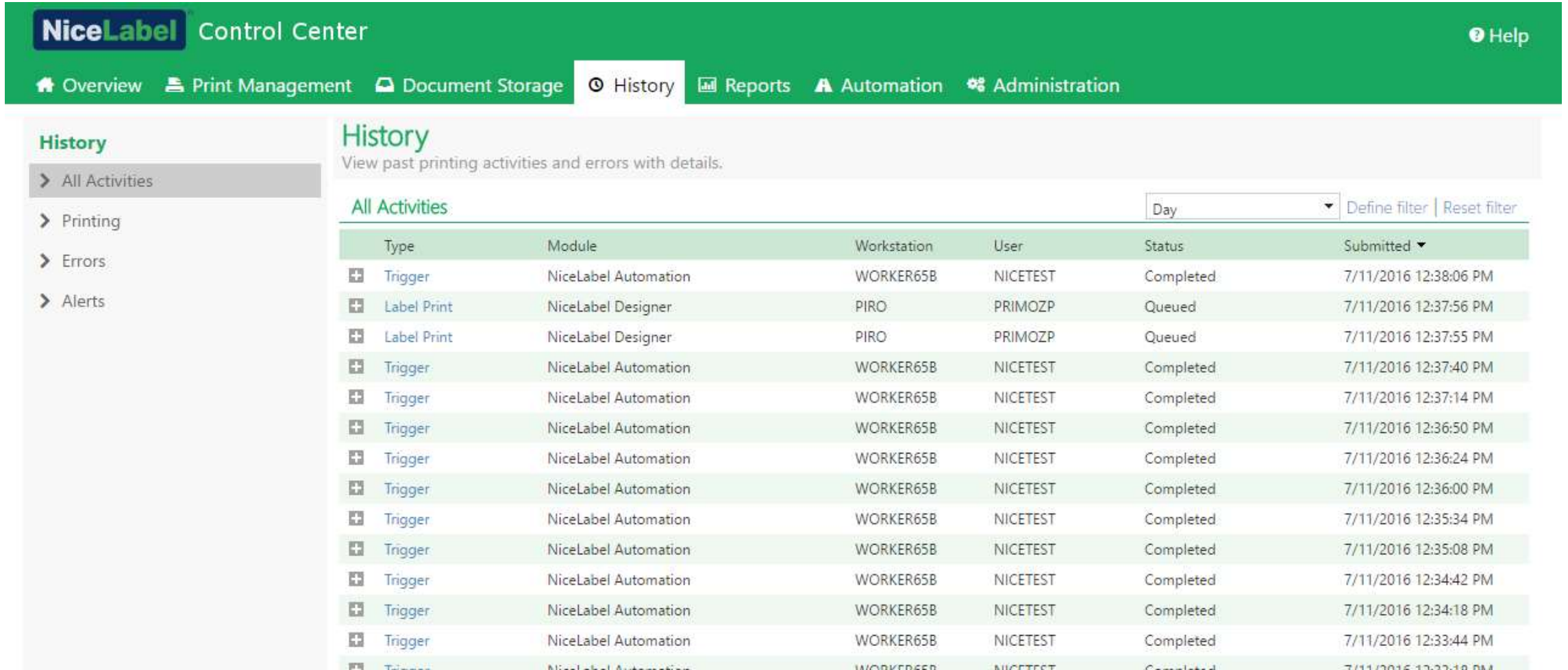
Label comparison provides quality assurance

*Only in Enterprise edition

Manage devices and print queues



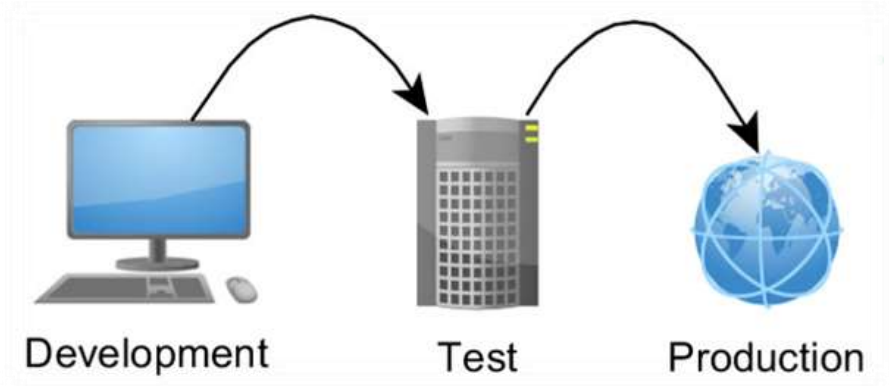
Manage audit trails and print history



LMS
Non-production environment & CTS

NiceLabel®

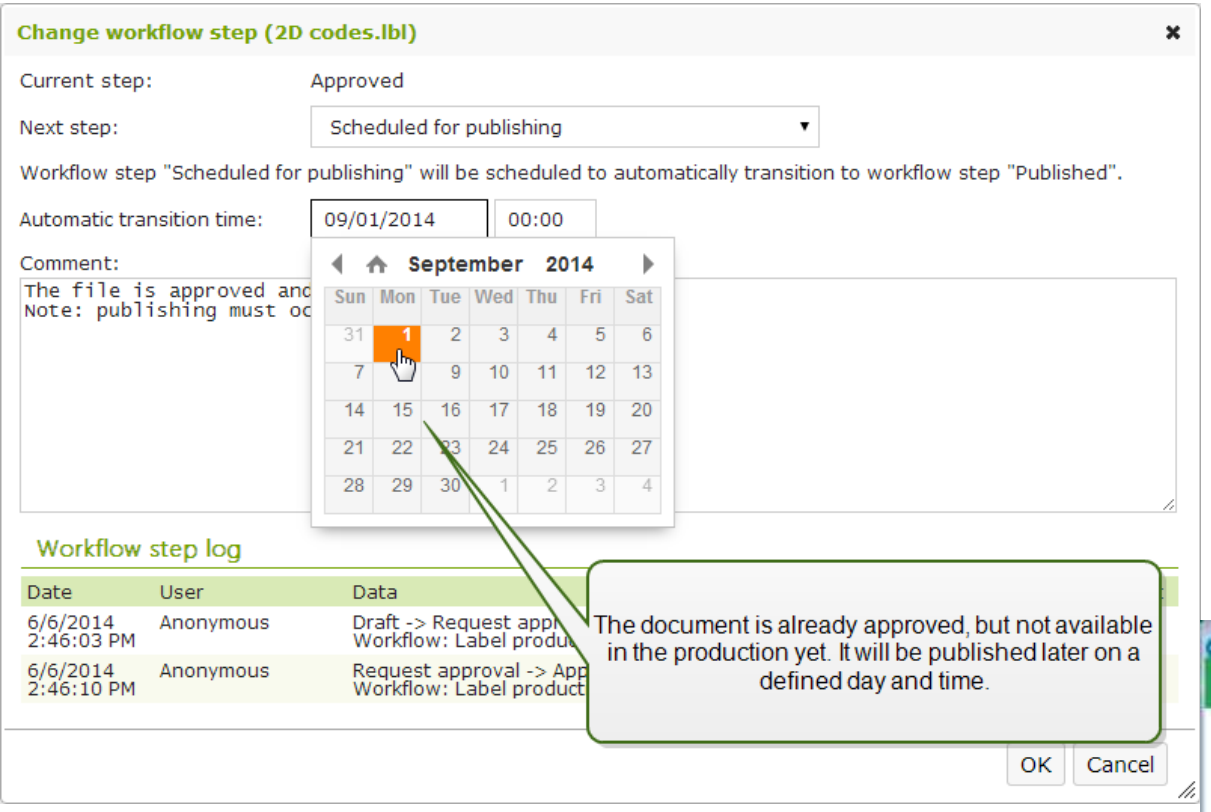
Non-production environment

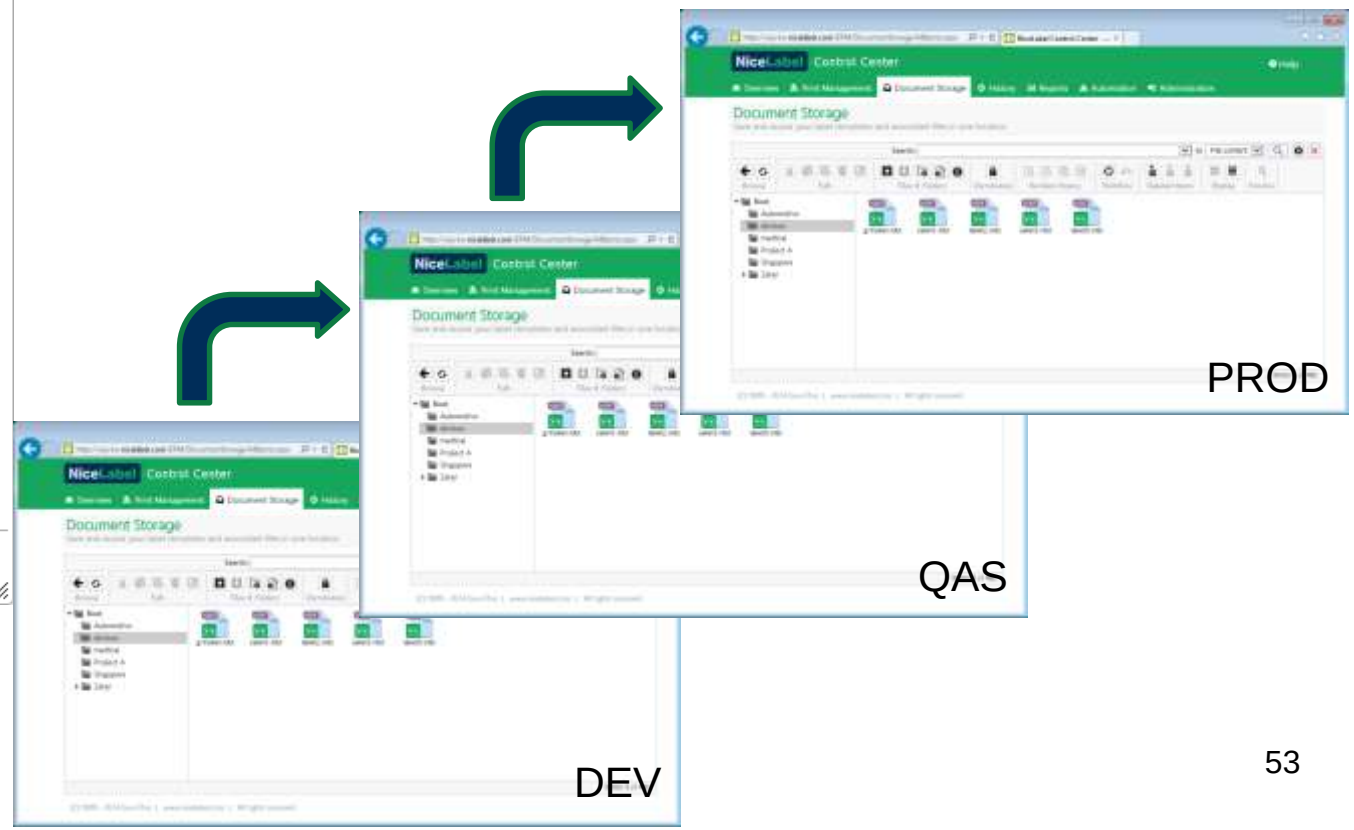


- One non-production environment included
  - Label and application designer
  - Document management system
  - Web printing
  - Integration system
- Extra tiers available on request

- *Only in Enterprise edition

Change and transport system (CTS)





*Only in Enterprise edition

LMS
Services and support

NiceLabel®

Professional services group

We UNDERSTAND your challenges, so we can DELIVER the right solutions, and SUPPORT your business

- You can do it
- We can do it with you
- We can do it for you

Software Maintenance Agreements (SMA)

Avoid unplanned downtime and assure you have access to NiceLabel experts

The NiceLabel Software Maintenance Agreement (SMA) assures you have access to NiceLabel experts to quickly resolve any issues with your labelling system.

Benefits:

- Direct access to NiceLabel's expert technical support
- Assurance of minimal unplanned downtime
- Assurance of access to the NiceLabel development team (if needed)
- Software updates

Direct access to the experts and the developers

- The NiceLabel technical support teams work closely with the NiceLabel developers to ensure you receive the fastest and best possible support avoiding any unplanned downtime.

Software updates

- We regularly enhance NiceLabel to incorporate new features and fixes. You receive notifications about and access to the latest software updates.

LMS
product editions

NiceLabel®

Products comparison

MANAGED DESIGN & CONTROLLED PRINT

NiceLabel

	LMS Pro	LMS Enterprise
Document management system	Control Center Pro • Role based access control • Central document storage • Device management & alerts • Print history & analytics	**Control Center Enterprise** ***(Control Center Pro plus)*** • **Version control** • **Approval workflows** • **Quality Assurance Tools**
Web printing system	PowerForms Web • Centralized control • Desktop performance & infinitely scalable • Integrate with web apps. • Self service printer setup	**PowerForms Web** same
Integration system	Automation Pro • Multi-core processing • HTTP trigger & action (REST) • Advanced XML filter • Central printer setting • Execute SQL (CRUD) • Bi-directional feedback • Store and recall templates	**Automation Enterprise plus** ***(Automation Pro plus)*** • **SAP ABAP package** • **Failover & load balancing** • **Web services** • **PDF and previews** • **Advanced workflows & error handling** • **Integrate with Android, iOS & HTML5 etc.**
Non-production environment	• N/A	• **1 tier included / extra tiers available**