



nowa jakość w automatycznej identyfikacji

# NiceLabel 2017.3 - Technical Specifications

## Design and Print

Start producing professional labels without IT.

### Top benefits:

- Anyone can design barcode labels without training
- Dynamic data-driven templates result in fewer label variations
- Easy barcode compliance without coding
- Ease-of-use and familiarity of Office
- Universal template works on all printers and with maximum performance on 4k label printers

### Capabilities:

- Label design
- On-Demand Printing

#### *NiceLabel Express*

- No multi-user editions
- Basic database support (one table/label for Text, Excel)
- Basic serialization and basic dynamic data
- User-friendly printing forms
- Single computer license, unlimited printers

#### *NiceLabel Pro*

- Multi-user editions available
- Full database support including server databases (SQL)
- Full serialization and full dynamic data
- Adaptable printing forms
- Single computer license, unlimited printers
- Unlimited users and workstations and 3, 5, 10, ... printers

## Design and Controlled Print

Streamline label printing to control labor costs and eliminate errors.

### Benefits of "Design and print" plus:

- Eliminate operator printing error
- Optimize printing process

- Simplifying printing for operators
- Guaranteed data accuracy
- Best practice
- Forms - on-demand versus batch
- Automation - integrated versus standalone

## Capabilities:

- Label design
- On-demand printing
- Application builder
- Integrated printing

### *NiceLabel Power Forms*

- 1 user and unlimited printers
- Label designer
- On-demand printing
- Application builder

### *NiceLabel Power Forms Suite*

- Unlimited users and workstations and 3, 5, 10, ... printers
- Label designer
- On-demand printing
- Application builder
- Integrated printing

## Managed Design and Controlled Print

Standardize your entire labeling process to meet compliance requirements.

### Benefits of “Design and controlled print” plus:

- Supports quality and regulatory requirements
- Fully configurable and integrated platform
- Centrally controlled and agile document management system
- All-inclusive solution
- Built using modern future proof technology (.NET/HTML5)
- Scalable 64-bit print server with native integrations with SAP, Oracle etc.

## Capabilities:

- Label design
- On-demand printing
- Web printing
- Application builder
- Integrated printing
- Document management
- Quality management

### *LMS Pro*

- Unlimited users and workstations and 5,10, 20, 50, 100, ... printers
- Label designer
- On-demand printing
- Application builder
- Integrated printing system
- Document Managements System

### *LMS Enterprise*

- Unlimited users and workstations and 5, 10, 20, 50, 100, ... printers
- Label designer
- On-demand printing
- Application builder
- Integrated printing system
- SAP ABAP package
- Failover & load balancing
- Web services
- PDF and previews
- Advanced workflows and error handling
- Document managements system
- Version control
- Approval workflows
- Quality assurance tools
- Non-production environment
- Change and transport system

## Common specifications

### Printers

- Any printer with a Windows driver
- Native thermal and ink-jet printer support using powerful 32-bit and 64-bit NiceDrivers: A-Pos, ADMCODE, ALE, Allen Coding, Altec, Argox, ATD, Avery Dennison, Astronova, Beiyang/SNBC, Bixelon, Blazepoint, Brady, CAB, Carl Valentin, Century, Citizen, Cognitive, Compuprint, Comtec, COT, Datamax, Dobler, Domino, Easyprint, Eltron, EPC, EPSON, Etimark, Exttech, Facit, Finotex, General Code, Genicom, Godbm, Godex, GPrinter, Hitachi, IBM, Identco, IDtechnologies, Imaje, Industrial Labeling Systems, Infoprint Solutions, Intermec, Itadora, ITD, Kortho, Labelident, Lapis, Leden, Leibinger, Markem, Markpoint, Mectec, Meto, Microcom, Monarch, MPH, Narimark, Novexx, Okidata, O'Neil, Opal, Open Date, Pago, Paxar, Postek, Printronix, QLS, QLS Kiaro, Reiner, Ring, Rongta, Sartorius, Sato, SMS, Source Technologies, Swiftcolor, TallyGenicom, TEC, Tharo, Toshiba, TSC, UBI, Unimark, Videojet, Wasp, Weber Bluhm, Zebra, Zebra Zatar, Ziptape
- Printer status monitoring using bidirectional drivers (select print families only – for the latest information please refer to the NiceDrivers page on the NiceLabel Web site)
- Support for printing CMYK JPG images to postscript printers

### Database

- Native text file support (ASCII and CSV files)
- OLE DB and ODBC database drivers (Excel, Access, Oracle, Microsoft SQL Server and others)
- Query builder and custom SQL scripting

### Graphic files

BMP, EMF, GIF, JPEG, JPG, PCX, PNG, PSD, TIF, TIFF, WMF, SVG

Support for printing CMYK JPG images to postscript printers

PDF documents can be imported as images in label design.

### Radio Frequency Identification (RFID) support

NiceLabel offers full support for wide range of RF tag data encoding options. RF tag data encoding options can be set for High Frequency tags (TagIt, iCode, ISO...) and Ultra High Frequency tags (Class0, Class1, Class1 Gen2...). Supported standards:

- EPC Gen2
- Philips: I•code , I•code EPC, I•code UID, ISO15693
- Texas Instruments: Tag-it, ISO15693
- Infineon: ISO15693, My-d
- Matrics: EPC Class 0 (64/96/128/256 bit), Class 0+
- Alien: EPC Class 1 (64/96 bit)
- Inside Tech: Pico Tag and others
- NXP: U-Code (G2, G2XL, G2XM)
- Rafsec: Omni (313, 342, 478)
- Impinj: Propeller

NiceLabel supports encoding of NDEF messages (Near field communication) into HF tags and special NFC tags:

- NTAG203
- NTAG210
- NTAG212
- NTAG213
- NTAG215
- NTAG216
- Mifare Ultralight
- Mifare Ultralight C
- my-d move NFC

### *Program Languages*

Chinese (Simplified and Traditional), Czech, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Polish, Portuguese (Brazil), Russian, Slovenian, Spanish, Swedish, Thai, Turkish

### *Unicode Data Encoding and Processing*

NiceLabel products are fully Unicode software. The Unicode encodings (like UTF-8 and UTF-16) are supported in database files and also in the plain text files (.TXT, .CSV). The data encodings are automatically recognized.

### *Supported barcodes and 2-D symbologies*

- GS1 (EAN and UPC): EAN-8, EAN-8 + 2-digit supplement, EAN-8 + 5-digit supplement, EAN-13, EAN-13 + 2-digit supplement, EAN-13 + 5-digit supplement, EAN-14, DUN-14, UPC Case Code, UPC-A, UPC-A + 2-digit supplement, UPC-A + 5-digit supplement, UPC-E, UPC-E(1), UPC-E + 2-digit supplement, UPC-E + 5-digit supplement, GS1-128 (EAN.UCC 128), SSCC, Bookland, Addon 2, Addon 5, GS1 Datamatrix, SSCC
- Linear: Interleaved 2 of 5, ITF 14, ITF 16, Code 39, Code 39 Tri Optic, Code 39 Full ASCII, CODE 128 (A, B and C subsets), Code 93, Codabar, MSI, Plesey, Anker, USPS
- Linear GS1 DataBar (RSS) symbologies: GS1 DataBar, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, GS1 DataBar Expanded Stacked
- Composite GS1 DataBar (RSS) symbologies: GS1 DataBar, GS1 DataBar Truncated, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Limited, GS1 DataBar Expanded, UPC-A, UPC-E, EAN-8, EAN-13, EAN.UCC 128 & CC-A/B, EAN.UCC 128 & CC-C
- Two-dimensional: PDF-417, DataMatrix (including DMRE), MaxiCode, Aztec, QR, MicroQR, MicroPDF,

### *AI-Standards and Compliance Labeling*

Certified by Microsoft, Oracle and General Motors; Included support for standards like GS1-128 (EAN.UCC 128), EPC, ASC (FACT), Transfer Syntax, HIBC, ISBT 128, AIAG, ODETTE, GM1724, FDA 21 CFR 11, chemical Risk and Safety, GHS and more.

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**Please visit [www.nicelabel.com](http://www.nicelabel.com) for the latest information!**