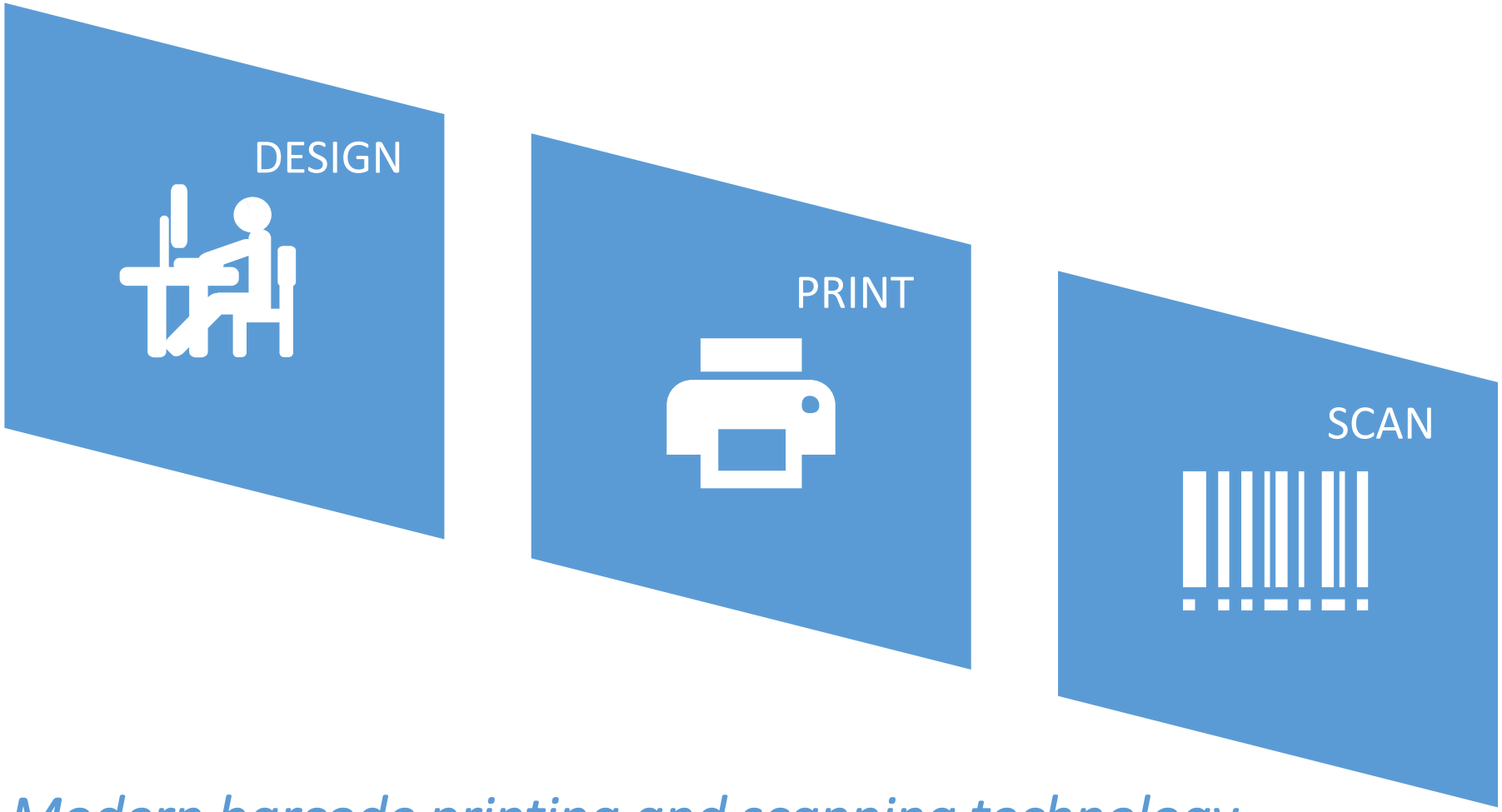
Cloud
Printing Solutions




*Modern barcode printing and scanning technology*

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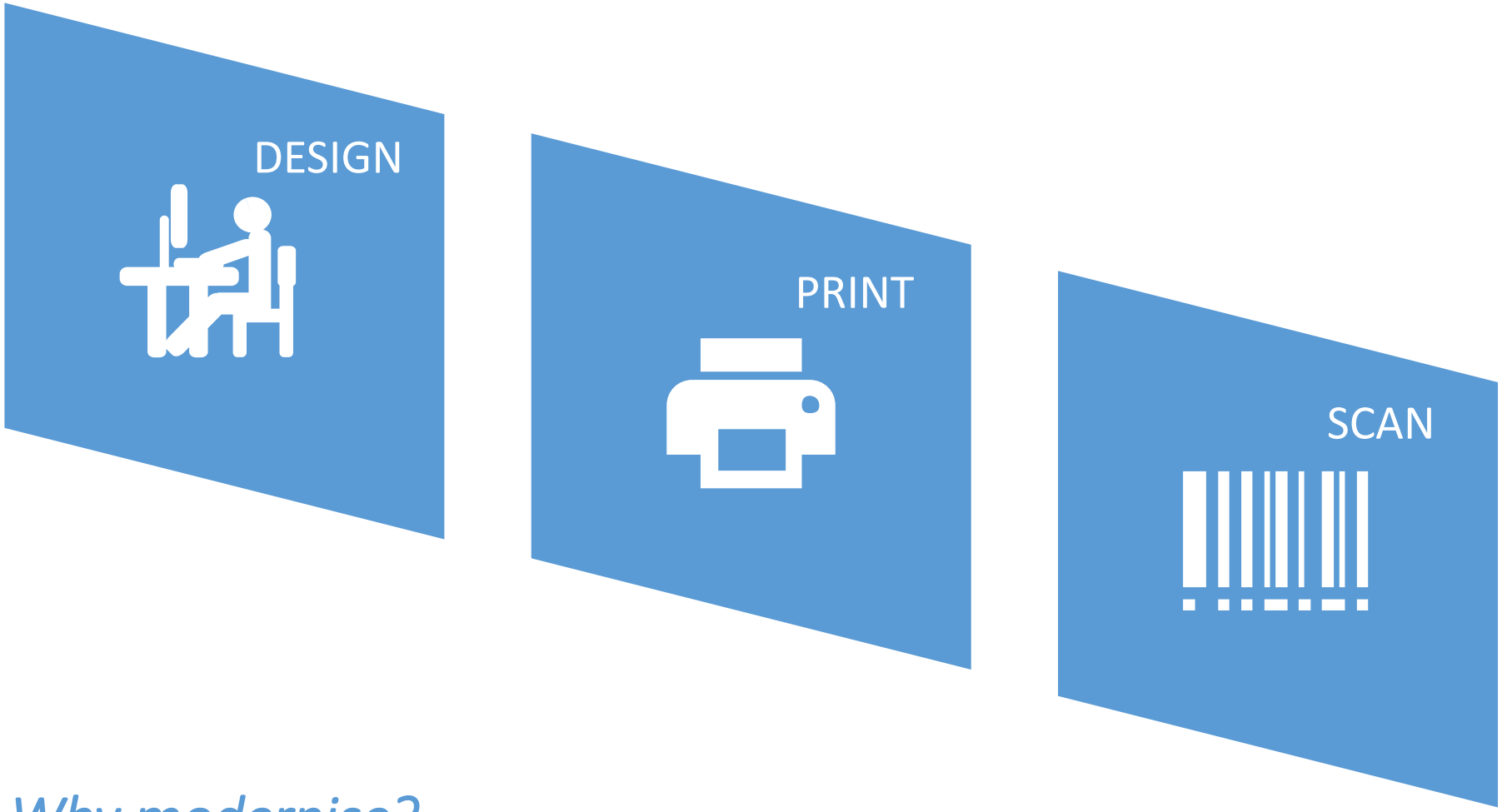
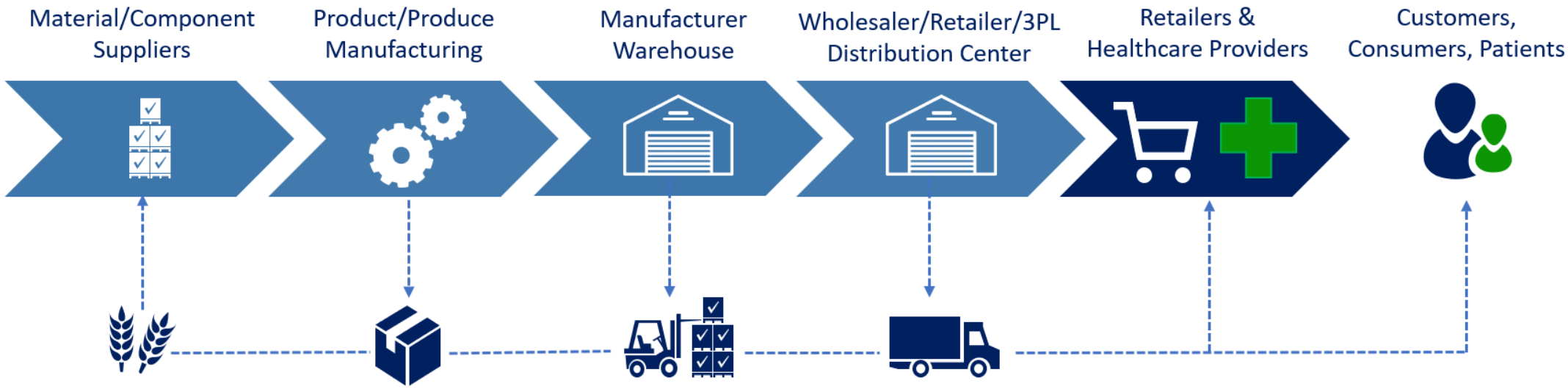



*Why modernise?*

# *Barcoding remains the most commonly used technology for product identification and supply chain solutions*




- Barcoding technology has been used in business to produce on-demand barcode labels for more than 35 years.
- Barcode labels were initially created by integrating hard coded templates into business applications.
- Thermal printers have become the most commonly used printers to print on the widest variety of label media
- 1D barcodes such as SSCC, GS1-128, GTIN, EAN-8, EAN-13 are still the most commonly printed symbology's used in product identification and supply chain solutions.
- In the early 90's Windows based label design software programs were introduced to give business users a Graphical User Interface (GUI) to simplify label design, using Windows drivers to print to a wide variety of labelling devices.
- Today, the same or similar label design software programs and the same thermal printing technology are still being used by most new and existing users.

**But times are changing, increased customer or industry standards and compliance mandates, together with reducing risk and errors, or improving productivity goals are driving customer demand for modern next generation labelling and coding technology.**

# *Modern technology that works for your business*

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## Deploying efficient printing and scanning solutions that produce and scan quality print is the goal for modern technology.

**Software**

- Modern labelling software provide enhanced user interfaces to simplify template design and automatically create printing solutions to improve operator accuracy and efficiency. 85% of legacy label design program users design and print labels from the same program allowing operators to edit or modify business critical templates without approval at print time.
- Modern labelling software support a wider variety of printing technologies such as thermal label, CIJ direct marking, inkjet and laser printers, providing a single solution for all product identification and supply chain solutions.
- Modern labelling software improves how printing solutions are deployed in multi user operations, utilising the benefits of web technology to centrally deploy printing solutions to operators in one or multiple locations, or to 3rd party suppliers and business partners.

**Printers**

- Modern thermal printers utilise improved print head technology to automatically detect when the printhead is damaged or expired and notifies users to exchange this critical consumable and avoid printing unreadable text and barcodes to reduce the risk printing errors.
- Modern thermal printers now integrate barcode scanning technology to read 1D and 2D barcodes in any orientation at time of print, with automatic strike out and reprint to ensure compliance labels are printed correctly to remove the risk of printing errors.
- Modern portable continuous Ink Jets (CIJ) printers provide dynamic and flexible printing of product and dates codes on multiple lines and products.
- Modern laser technology code cartons/cases with out the need for consumables (ink or ribbon), or disposal of label liner materials.

**Barcode Scanners**

- Modern wearable barcode scanners that connect to mobile computers, tablets, truck mount computers and more significantly improve operator efficiency and productivity in picking, packing, staging and other production and warehousing applications.

## Is it time to modernise your barcode printing and scanning technology?

**85% of legacy software users design and print barcode labels from the same program.**

**Legacy thermal printers continue to (mis)print barcodes when printheads fail.**

## Consequences of barcode printing errors

- **Lost productivity**
- **Lost or misplaced items**
- **Increased labour and material costs**
- **Customer or industry compliance fines and penalties**

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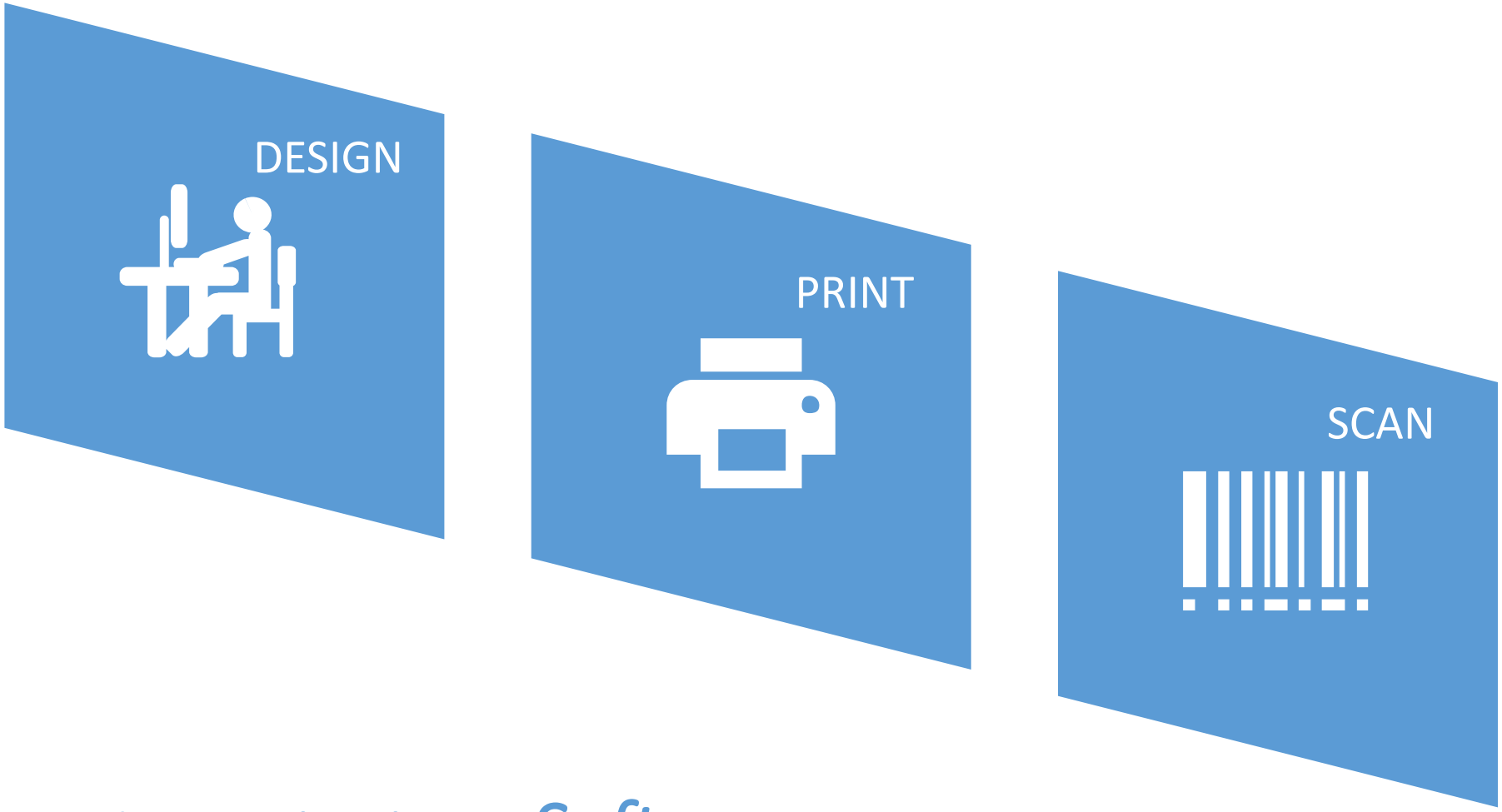



*Modern technology - Software*

# Software as a Service

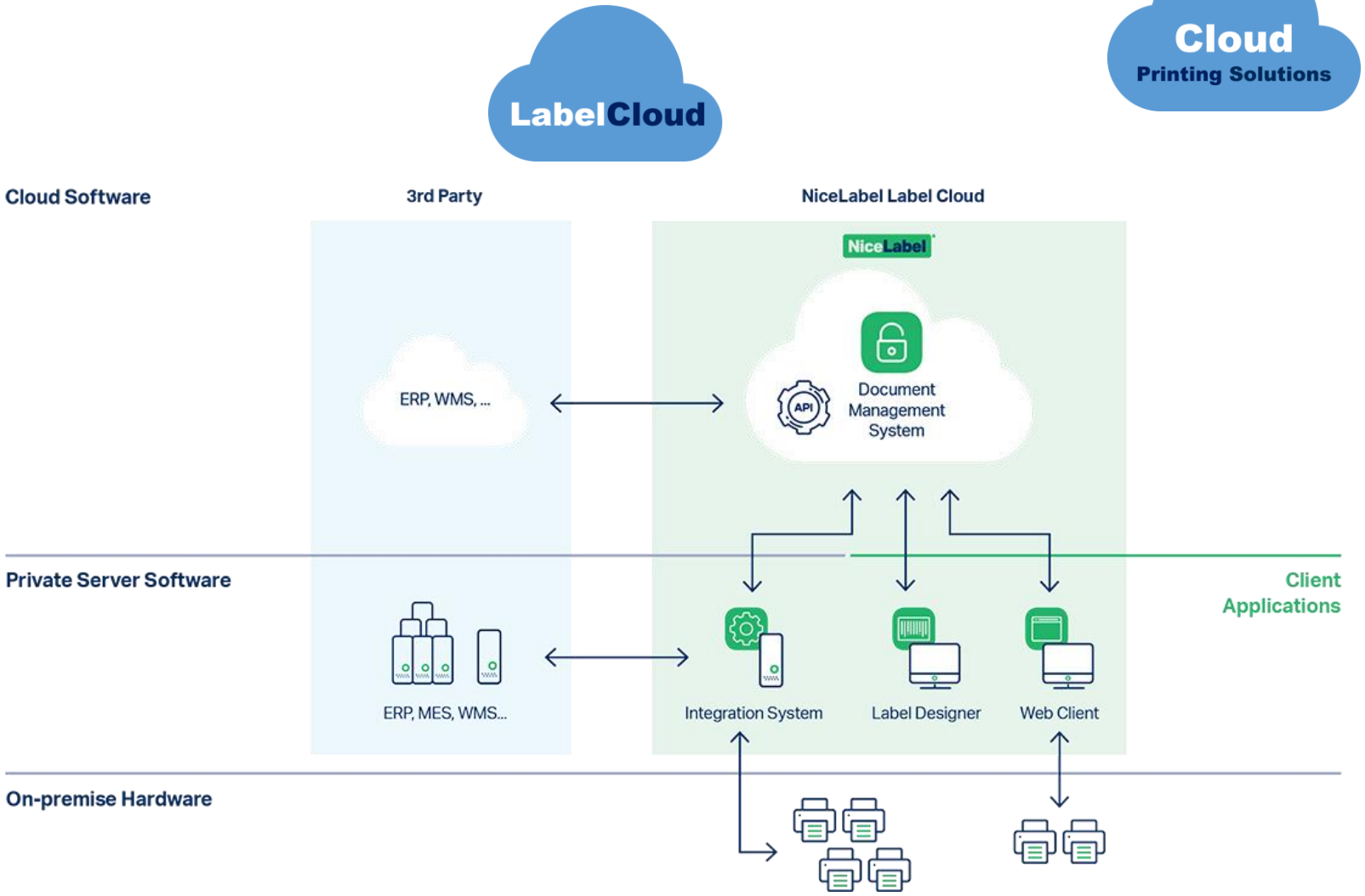
**Label Cloud is an all-in-one "subscription based" label management system hosted on Microsoft Azure.**

**Label Cloud includes all the tools to design, manage & print labels via the cloud, including;**

- A web-based document management system (DMS) where business administrators manage users, label templates, printing solutions, master data source files, quality management approval processes, print history and more…
- Label design program allows approved designers to create simple, complex or compliance label templates. The template can be connected to various data sources such as Excel, Access managed in the DMS, or SQL in the DMS or on the client site.
- An On-demand manual printing application builder to create on-demand printing solutions to improve operator accuracy and efficiency during print operations.
- Web printing system for operators to access on-demand printing solutions in the Cloud DMS.
- An Integration system to automate data source file updates to the DMS, or trigger label printing directly from host systems.

**Key benefits of Cloud deployment**

- ✓ Quick and easy implementation
- ✓ Lower IT Costs
- ✓ Lower TCO subscription model
- ✓ Security and high availability
- ✓ Future proof and up-to-date
- ✓ Global scale-ability




Learn more at www.labelcloud.co.uk

# *Not just for labels and label printers*

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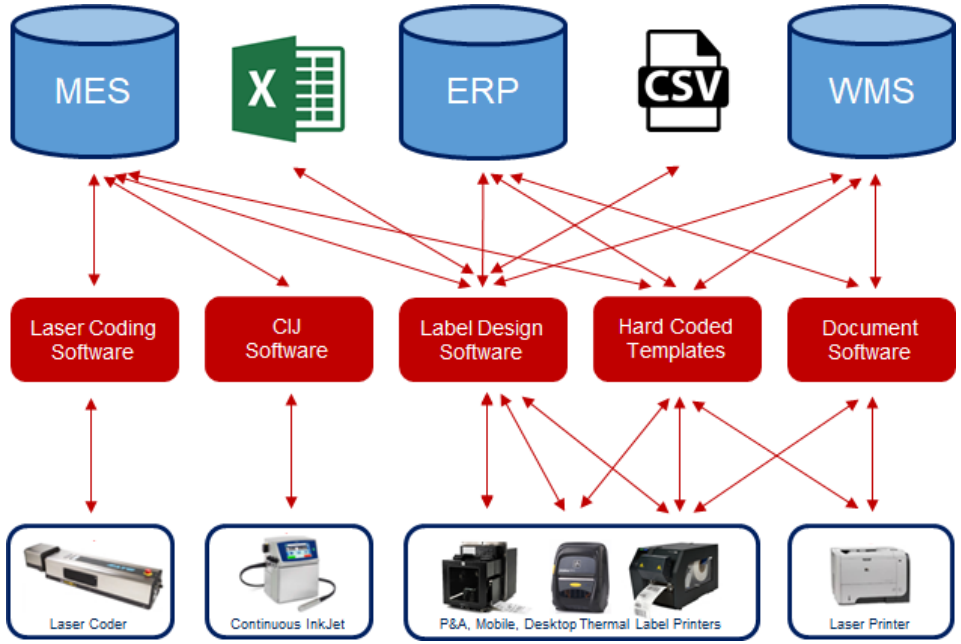
## Fragmented, complex, costly systems

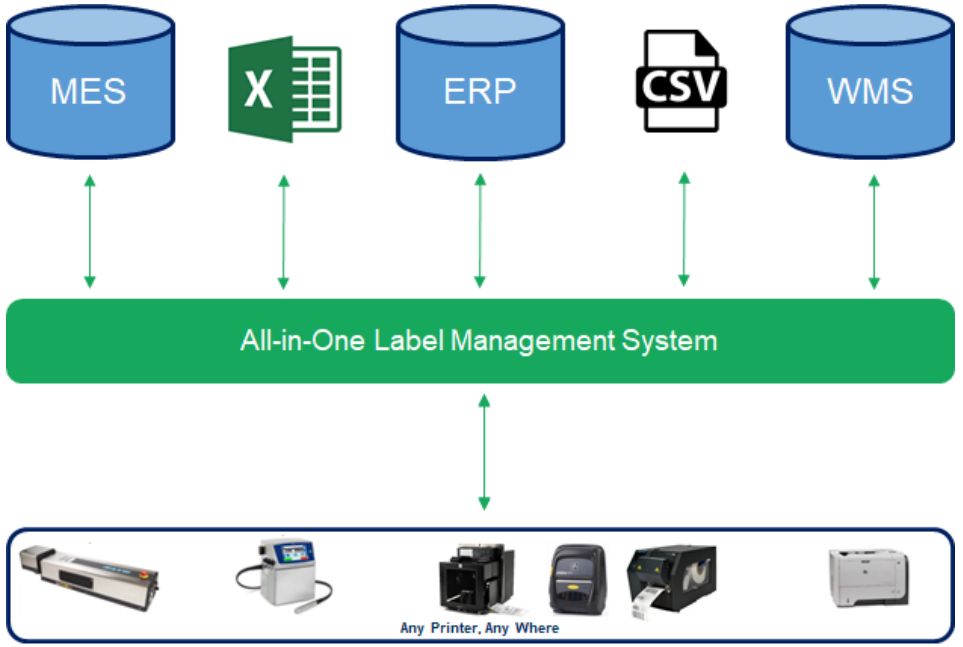
Many businesses have over the years required a variety of different printing solutions to meet customer, industry compliance or internal process improvement requirements.

This had led to the introduction and use of multiple printing technologies, often with its own proprietary software, or further use of hard coded programming.




## Standardised, simple, lower cost

Modern business systems for labelling and coding provide a standardised solution that provide a designer to create templates for all printing technologies and an integration system to integrate with all business systems.




**The benefits of standardisation works for all size companies printing from Excel to ERP's, or multiple systems, printing with one or multiple printing technologies**

# Software

Modern barcode printing software provides best practice solutions for all size companies, in all business sectors requiring software to design print and manage labelling, direct marking and document printing technology to meet and maintain customer & industry standards and compliance.

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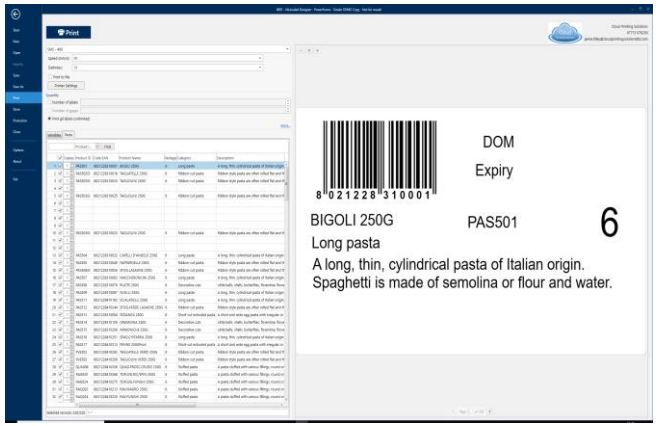
## Template designer

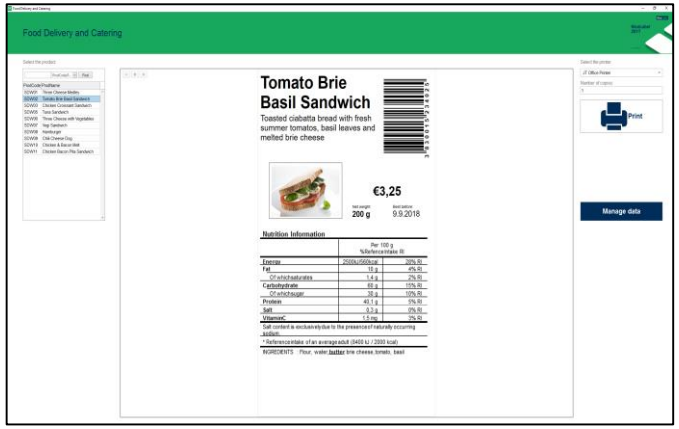
Approved business users can easily design templates with the modern user interface. Easily design simple, complex or industry compliance templates. (Comes supplied with many industry standard templates in the design program).

## Printing Form




The NiceLabel design program automatically generates a printing form for every label. The standard printing form provides the print operator all key functions in one printing solution interface.

## On-Demand Printing Application Builder




Use the automatically built printing form, design your own, or ask us to build your on-demand printing solutions to reduce risk and improve operator efficiency and productivity.

Download

**Try the template design program and the on-demand and integrated printing application builders**

# Software

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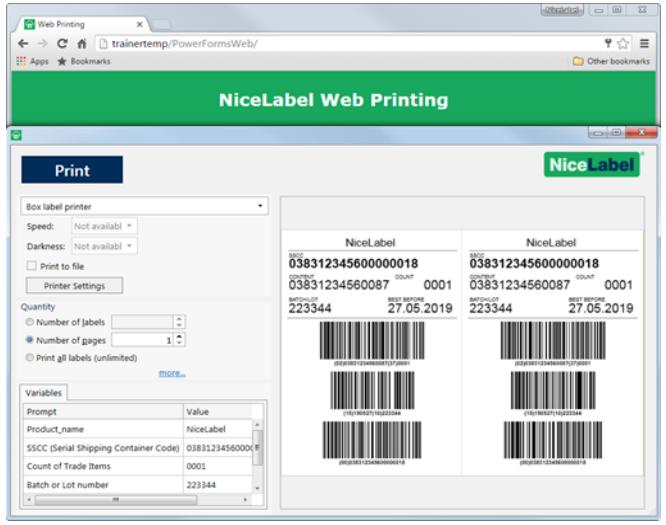
## Web Printing System



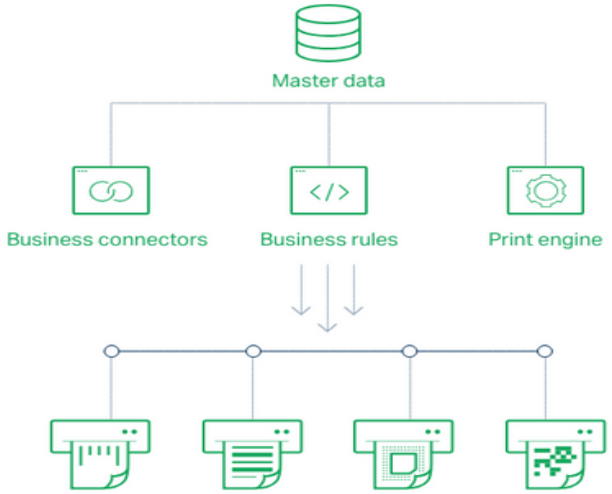

Web printing assures consistent labelling and accurate data to streamline and automate the operations by:

Instantly deploying consistent applications and labelling while reducing IT costs.
Extending standardized labelling to suppliers to avoid relabelling at goods receiving.

Immediately rolling out label and application updates across all locations without IT assistance.

Video

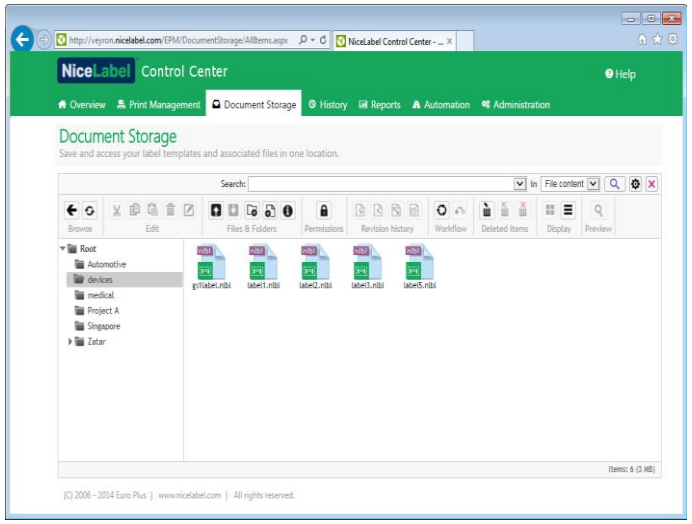
## Integrated Printing Application Builder




Want to print from master data? no problem, configure the integration system to trigger printing directly from host systems or data.

Integration system includes data connectors (triggers), data extraction and transformation (filters), business rules and workflows (actions), and a print server in a single service. All transactions and data processing happen in the same memory space. In-memory processing is 100x faster than transmitting data between applications and servers.

## Document Management System (DMS)




Design & manage templates, on-demand or integrated printing solutions in the DMS.

Use built-in digital approvals workflow and electronically sign (approve, reject etc) all files.

Manage versions and label life cycles without the need for multiple 3rd party programs, or paper-based systems

Video

# Software

## NiceLabel 2019

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| Features | Segments | Designers | | Desktop Solutions | | Label Management Systems | | Label Cloud | |
|---|---|---|---|---|---|---|---|---|---|
| | Products | Designer Express | Designer Pro | PowerForms | PowerForms Suite | LMS Pro | LMS Enterprise | Essentials | Business |
| Designer (Express & Pro) | Modern user interface | Y | Y | Y | Y | Y | Y | Y | Y |
| | In-line Error reporting | Y | Y | Y | Y | Y | Y | Y | Y |
| | Quick help system | Y | Y | Y | Y | Y | Y | Y | Y |
| | Graphical designer of text, barcodes, lines, boxes, shapes, and images | Y | Y | Y | Y | Y | Y | Y | Y |
| | Use Excel or Text Files as a data source | Y | Y | Y | Y | Y | Y | Y | Y |
| | Access, SQL, Oracle, OLE/ODBC Database connectivity | | Y | Y | Y | Y | Y | Y | Y |
| | Linked fields and expressions for concatenated variables | | Y | Y | Y | Y | Y | Y | Y |
| | Multiple database connections and SQL queries | | Y | Y | Y | Y | Y | Y | Y |
| | Full serialization, custom check digits, global variables, output masks, scripting | | Y | Y | Y | Y | Y | Y | Y |
| | Rich and curved text, auto fit, styles, fills, grouping, relative positioning | | Y | Y | Y | Y | Y | Y | Y |
| On-demand printing | All-in-one auto generated FIXED printing form | Y | Y | Y | Y | Y | Y | Y | Y |
| | All-in-one auto generated ADAPTABLE printing form | | Y | Y | Y | Y | Y | Y | Y |
| | Application Builder - Rapidly build custom labeling and data entry applications (PowerForms) | | | Y | Y | Y | Y | Y | Y |
| | Web printing system (Best Practice deployment of labels and forms in multiuser operations) | | | | | Y | Y | Y | Y |
| Integrated printing (Automation) | .NET API (Software Developer Kit) | | | | Y | Y | Y | | Y |
| | Automation Easy - Triggers: Serial, TCP/IP, Database, CSV/Text Files | | | | Y | Y | Y | | Y |
| | Automation Pro - Triggers: Serial, TCP/IP, Database, HTTP, XML/CSV/Text Files | | | | | Y | Y | | Y |
| | Automation Enterprise - Triggers: Serial, TCP/IP, Database, HTTP, Web Services, XML/CSV/Text Files | | | | | | Y | | Y |
| Manage (Control Center) | Document Management System (DMS) | | | | | Y | Y | Y | Y |
| | Role based access control | | | | | Y | Y | Y | Y |
| | Print history & reprint | | | | | Y | Y | Y | Y |
| | Print queue management & alerts | | | | | Y | Y | Y | Y |
| | User analytics | | | | | Y | Y | Y | Y |
| | Reports | | | | | Y | Y | | |
| | Label Catalogue | | | | | Y | Y | y | Y |
| | Label Comparison | | | | | | Y | y | Y |
| | Approval workflows | | | | | | Y | y | Y |
| | Scheduled publishing | | | | | | Y | y | Y |
| | Version control | | | | | | Y | y | Y |
| | Change & transport system | | | | | | Y | | Y |
| | 2nd tier for Non-production system | | | | | | Y | | Y |
| Licenses | Single user, unlimited printers | Y | Y | | | | | | |
| | Unlimited users, select number of printers | | 3, 5, 10 | 3, 5, 10 | 3, 5, 10 | 5, 10, 20, 50 | 5, 10, 20, 50, 100 | 5 | 5 |
| | Add-on printer licenses | | 5 | 5 | 5 | 5, 10, 20, 50 | 5, 10, 20, 50 | 1 to any | 1 to any |

Note: All specificiations or features are subject to change without prior notice

Note sure which product fits your requirements?
Try the online product selector

Product Selector

Download NiceLabel 2019 (Free for 30 days)
Includes Designer, On-demand & Integrated Printing Application Builders

Request Demo for LMS

Request Demo for Label Cloud

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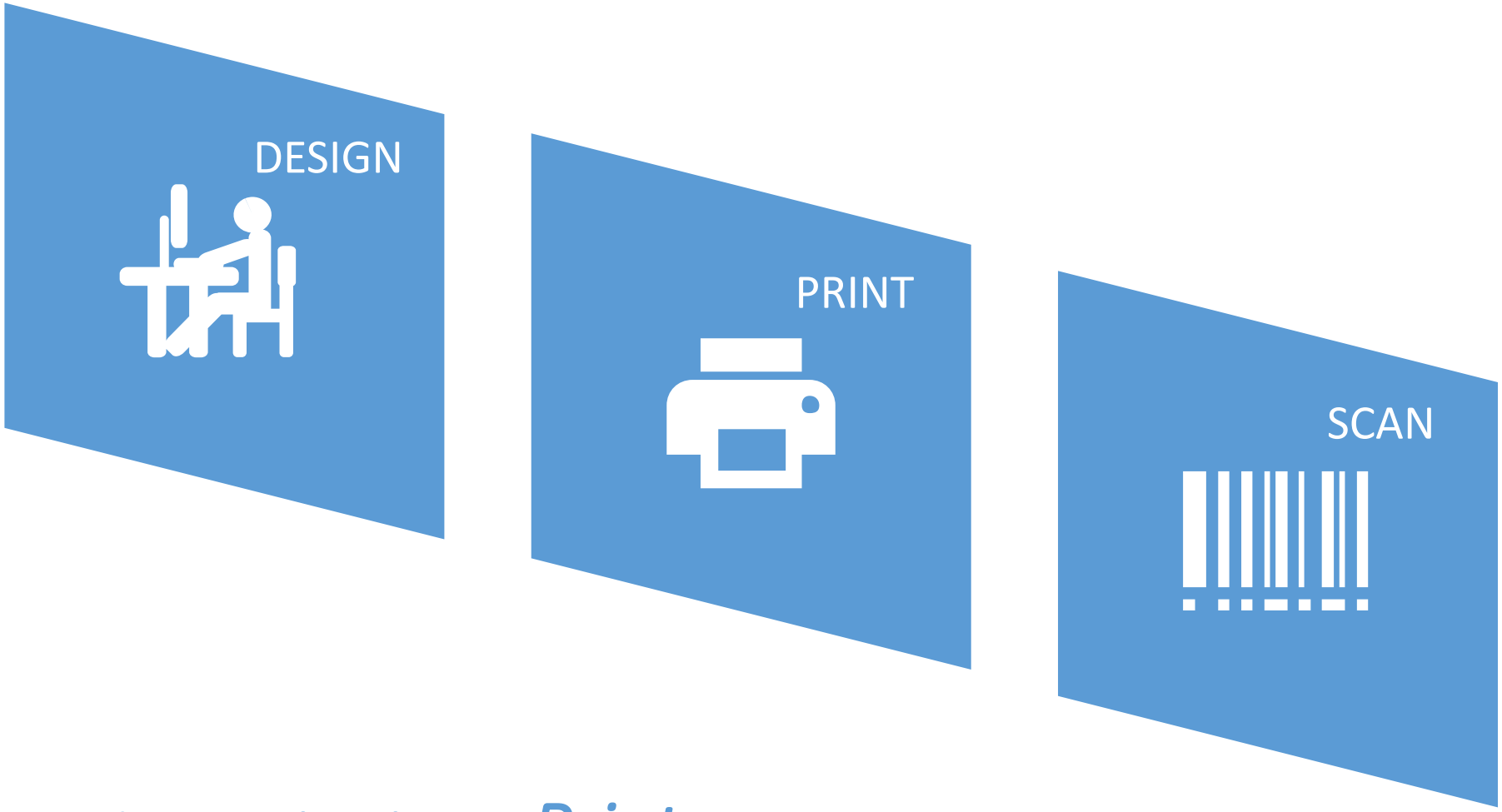


*Modern technology - Printers*

# Barcode label printers

Thermal printers are widely recognised as the leading technology for label printing applications. Various combinations of Label and Ribbons are used to support the labelling application, but the main consumable item used for printing is the printhead. Legacy thermal printers do not alert you when the printhead is either damaged or has expired, meaning that the printer will continue to (mis)print which may result in printing unreadable text and barcodes.

There are numerous reasons why label printers will not print readable barcodes, including printhead failure (damaged or expired), ribbon wrinkle, incorrect printer settings, unmaintained printers and more. Each problem can create significant problems for product identification and supply chain solutions resulting in the consequences of printing errors.

## When your printhead fails, so do your barcode solutions

- When your laser or inkjet printer runs low on consumables it alerts you. When they run out the printer stops working to avoid misprints.
- When your thermal printer printhead is damaged or expired, it keeps working and keeps on mis-printing business critical barcode labels!

| Stop & Think! | Expected Answer | Actual Answer |
|---|---|---|
| Would you continue to use labelling software if it only produced 98% readable barcodes? | **No** | **No** |
| Would you continue to use barcode scanners if it only read 98% of your printed barcodes? | **No** | **No** |
| Would continue to label printers that might only print 98% readable barcodes? | **No** | **Yes** |

# Barcode label printers

## Bad Dot Detection

Video

TSC DA210 desktop barcode label printer includes **Bad Dot Detection** technology to detect when printheads fail, to avoid printing unreadable text and barcodes on direct thermal media.

## Printhead Element Out Detection

Zebra ZT411/421 industrial barcode label printer includes **Printhead Element Out Detection** technology to detect when printheads fail, to avoid printing unreadable text and barcodes on 4” (ZT411) or 6” (ZT421) direct thermal and thermal transfer media.

## 1D Barcode Validation

Printronix T8000 ODV desktop label printer is a high-performance desktop printer including 1D "picket fence" barcode scanning & data validation, with full label strike out and full label reprint in the event of printing errors.

## 1D & 2D Barcode Validation

Video

Printronix T8000 ODV 2D desktop label printer is a high-performance desktop printer including 1D & 2D (any orientation) barcode scanning & data validation, with full label strike out and full label reprint in the event of printing errors.

### Important Note

Without some form of dynamic printhead alert, or integrated barcode verifier then your printer can print and issue labels, tags or tickets with unreadable barcodes

Trade-In Programs are available for the Zebra ZT411/421 and Printronix T8000 ODV printers

# Cloud Connect label printers

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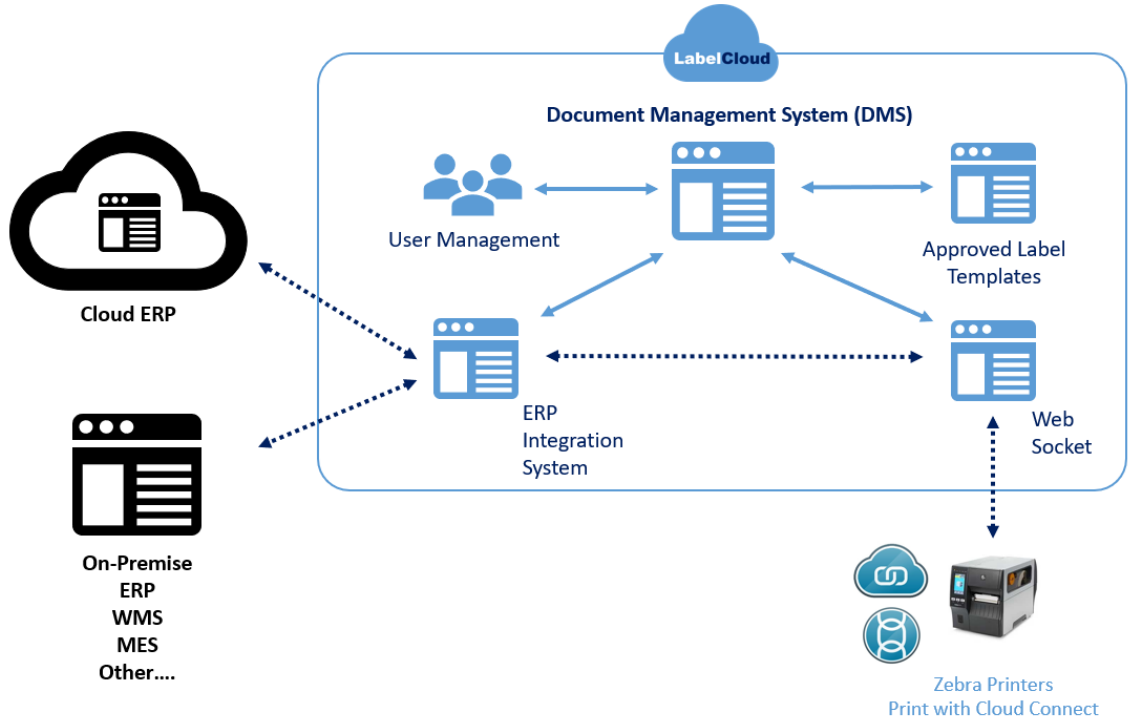
Connect securely and directly to the cloud

Cloud Connect allows Zebra Link-OS printers to interact with the Cloud, forwarding data from any port. These printers become an integral part of an overall Cloud strategy and an important component of your Internet of Things solution – today, or in the future.

You can connect Link-OS printers securely and directly to Cloud-based apps via standards WebSockets technology – for printer management, printing or as part of a powerful data collection platform. Reduce costs and streamline applications by using on-printer data capture technology to quickly move information from a connected scanner or input device through the printer.

## Zebra ZT411/ZT421

Zebra ZT411/421 industrial barcode label printer includes **Printhead Element Out Detection** technology to detect when printheads fail, to avoid printing unreadable text and barcodes on 4” (ZT411) or 6” (ZT421) direct thermal and thermal transfer media.



# Printer Supplies

Maximise print quality and productivity with the correct supplies for your printer. Many product identification and supply chain solutions fail because of inappropriate printer supplies. There is no such thing as lower cost media, there is only lower grade, lower print quality and higher risk. Ensure you test all printer supplies for your applications and then ensure this level of quality is maintained, especially if you are considering changing your supplier. Cheaper supplies can lead to expensive misprints and many of the damaging and costly consequences of printing errors.

## Labels

Direct Thermal (DT) and Thermal Transfer (TT) labels available is all size cores, widths, outsides diameters to fits all desktop, mobile and print & apply label printers.

Branded & Unbranded Matte and Gloss labels for Epson ColorWorks inkjet printers

## Vinyl Tapes & Tags

Continuous Roll and Die-Cut vinyl tapes for all Rebo (plus Lighthouse CPM100) industrial label and sign printers.

Coloured, HiViz & Glow in the dark Lock Out / Tag Out Tags.

## Ribbons

Branded and Unbranded ribbons for all thermal transfer applications, for all desktop and print & apply engines.

## Printheads

Branded and unbranded printheads for all desktop and print & apply engines.

## Cleaning Wipes

The printhead is the most critical component of your printer and one of the most delicate and expensive. Most print quality problems are a direct result of improper care of the printhead.

Maintain and extend printhead life with Versa Wipe cleaning wipes

## Ink Cartridges

Original Ink Cartridges for Epson ColorWorks Printers.

## CIJ Ink & Fluids

Crucial to the performance and operation of Linx technologies, we recommend that you only user Linx approved inks and fluids in your Linx equipment.

## Call to discuss which supplies offer you appropriate quality text, graphics and barcodes printing at competitive prices.

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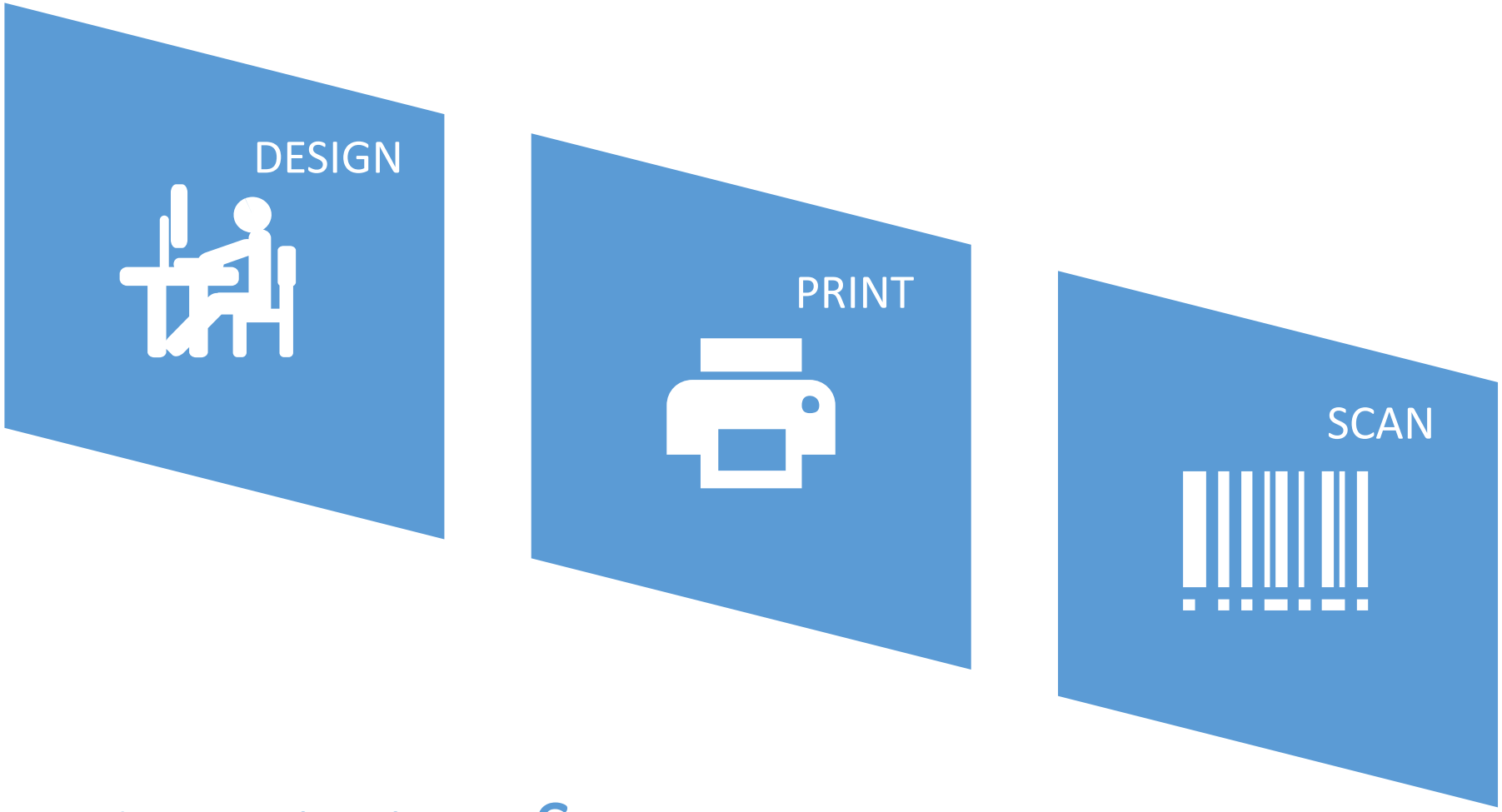


*Modern technology - Scanners*

# Wireless Barcode Scanners Hand Held

## BATTERY-FREE TECHNOLOGY

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### HONEYWELL XENON 1902BF

The Honeywell Xenon™ 1902g-bf area-imager scanner incorporates the latest in battery-free technology, offering the freedom of Bluetooth® lowenergy wireless technology without the maintenance hassles or long recharge time associated with traditional batteries. Like all other Xenon scanners, the 1902g-bf scanner delivers aggressive barcode scanning performance – even on poor-quality or damaged barcodes.

An integrated Bluetooth low-energy Class 2 radio gives users complete freedom of movement up to 10 meters (33 feet) from the base in a typical work environment. For added convenience, a paging system on the base activates auditory signals that help to locate a misplaced scanner. By eliminating the trip-hazard of tethered cables, the Xenon 1902g-bf scanner can provide a safer and more productive environment.

The scanner's wireless technology completely eliminates the battery, replacing it with super-capacitors capable of achieving a full charge in less than two minutes via the USB port (under 30 seconds when using a powered USB port or external wall adapter) and typically providing at least 450 scans on UPC/EAN codes without recharging. This makes the Xenon 1902g-bf scanner ideal for applications centered around POS, workstations and counters – for example, as the secondary scanner to a bioptic (in-counter) scanner, or in support of shipping and receiving functions at warehouses.

With no battery, a common maintenance hassle is removed and the scanner is lighter and more environmentally friendly.

The Xenon plug-and-play scanner features a multi-interface design with automatic interface detection. By automatically configuring itself to the appropriate interface upon connection, the installation process is shortened, and the cumbersome task of scanning programming barcodes is eliminated.

Built on the proven Xenon platform, the 1902g-bf scanner offers high-performance linear barcode scanning and the convenience of wireless – all without a battery.

**Features & Benefits**

- When fully charged, the Xenon 1902g-bf scanner can typically scan over 450 UPC/EAN codes without the need for recharging – more than enough to check out 25 customers during peak times, or scan a morning's worth of overnight deliveries.
- Super-capacitors hold their charge for hours when fully charged. So operators who forget to place their scanner in the charger prior to break won't impact operations upon return.
- Two fully independently configurable recharge alerts remind the operator to place the scanner back into the base for charging. The alerts can be configured to trigger at different levels of discharge and with different levels of urgency, ensuring continuous operation.
- The Xenon 1902g-bf scanner is fully charged in under two minutes with a simple USB connection, and under 30 seconds when a powered USB or external power supply is used. When a fully discharged scanner is placed in the base, the ready-to scan LED on the base will typically flash in less than 20 seconds to notify the operator that there is sufficient power to support over 100 scans.

# Wireless Barcode Scanners Wearable

## WEARABLE BARCODE SCANNING SOLUTIONS

### ProGlove MK2

Transform from handheld to smart, wearable barcode scanners with ProGlove.

ProGlove solutions connect the industrial worker with the IIoT and provide management tools to supply the required data where it is needed on site. This allows for greater efficiency, flexibility, and quality.

THE NEW MARK 2 WITH BLUETOOTH AND EXTENDED SCAN RANGE
MARK 2 is an expression of our customer-centric design approach. This state of the art smart wearable connects the human workforce to the IIoT, giving them a decisive edge by strengthening their role in the digitised Industry 4.0. This leads to greater efficiency, flexibility, and quality.

Unlike its predecessor, MARK 2 can be connected to other devices such as tablets, smartwatches or wearable terminals via Bluetooth Low Energy (BLE).

Additionally, the module offers an extended scan range of up to 150 cm. This makes it an ideal choice for picking, palletizing or working at packing stations.

Because of the adjustable feedback options including acoustic signals, vibration and LEDs on the back of the hand – users no longer have to constantly check process steps on a control monitor. Other benefits of MARK 2 include:

- Optimized for high frequency scanning
- Extended battery life of up to 15 hours

**Technical Specification**

| | |
|---|---|
| Weight: | 40g |
| Size: | 50 x 45 x 16 mm |
| Connectivity: | 868 MHz (with Access Point)<br>Bluetooth Low Energy (BLE) |
| Battery: | Approx. 15 h / about 6000 scans |
| Scan Range: | Mid-Range up to 150 cm |
| Laserclass: | Laser Class 2 (Aimer) |
| Range: | 868MHz: Up to 30m<br>BLE: Up to 10m |
| IP Code: | 54 |

**Industries**

- Automotive
- Aviation
- Logistics
- Manufacturing
- Retail

**Applications**

- Assembly
- Picking
- Packing
- Staging

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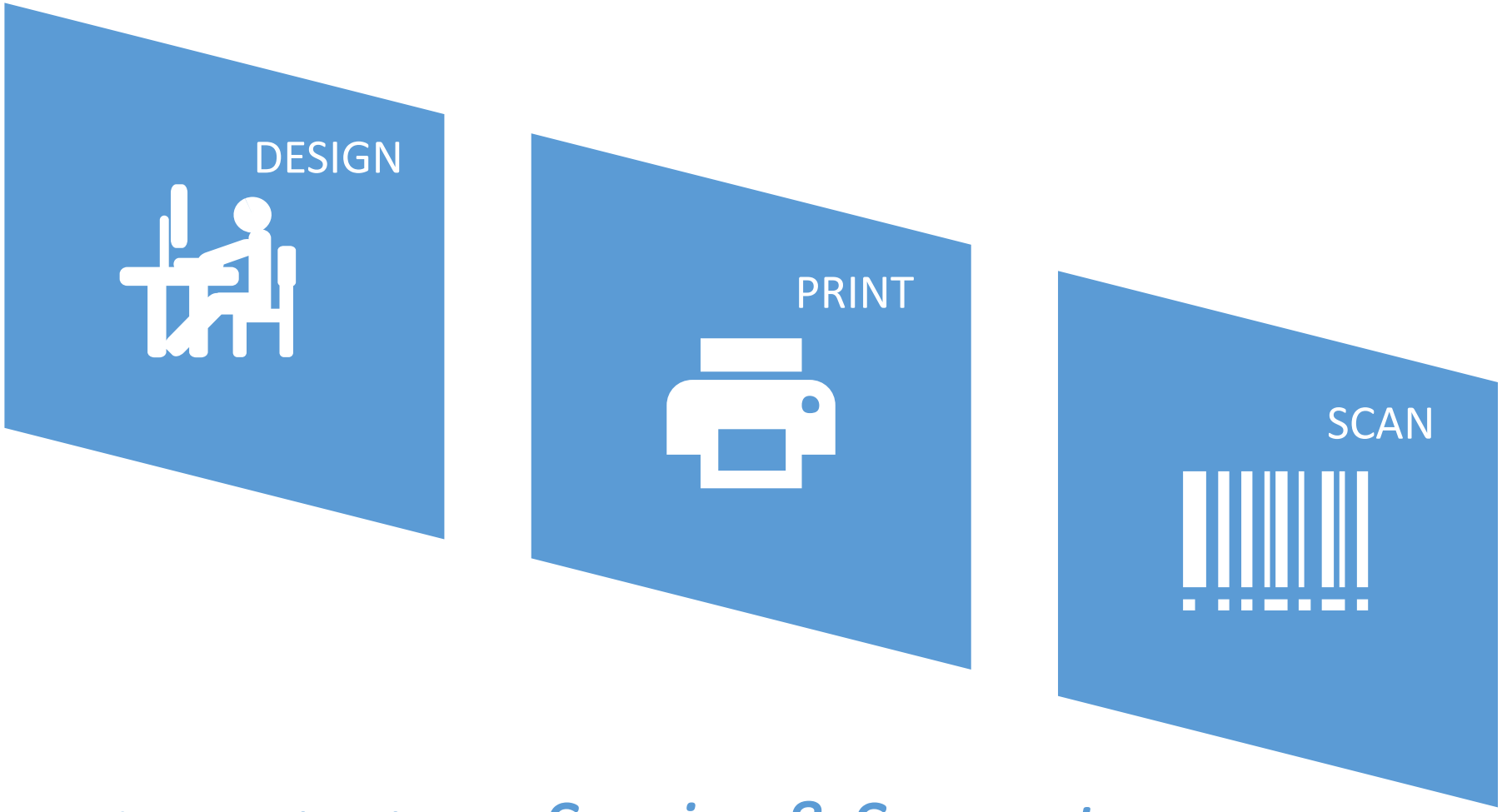


*Modern technology – Service & Support*

# Service & Support

Support begins the day we start to discuss and understand the challenges you have in modernising your existing labelling, sign and coding technology.

We will help you audit existing systems and identify all the challenges from designing to applying labels or designing and directly marking (coding) products.

Selecting the right products is only half the challenge, ensuring they are supplied and configured to ensure operational efficiency and accuracy to avoid misprinting business critical labels or codes is the key to ensuring return on investments in modern labelling, sign or coding technology, as in any other business system.

## Application Development

Developing new solutions can be a considerable cost and drain on your budget.  Minimise development with appropriate training courses for new software solutions and utilise the built-in application developments tools to create your custom printing applications.  If a custom solution is required then application development and implementation services are available to design your printing and data entry solutions to fast track your solution deployments.

## You have plans to manage agreed downtimes, but do you have a plan for unplanned downtimes?

When new systems are deployed they are still vulnerable to faults, this means that appropriate service agreements need to be provided to minimise unplanned downtimes of business-critical systems.  All products and solutions are offered with appropriate service agreements to ensure your business minimises the risks and costs associated with unplanned downtimes.

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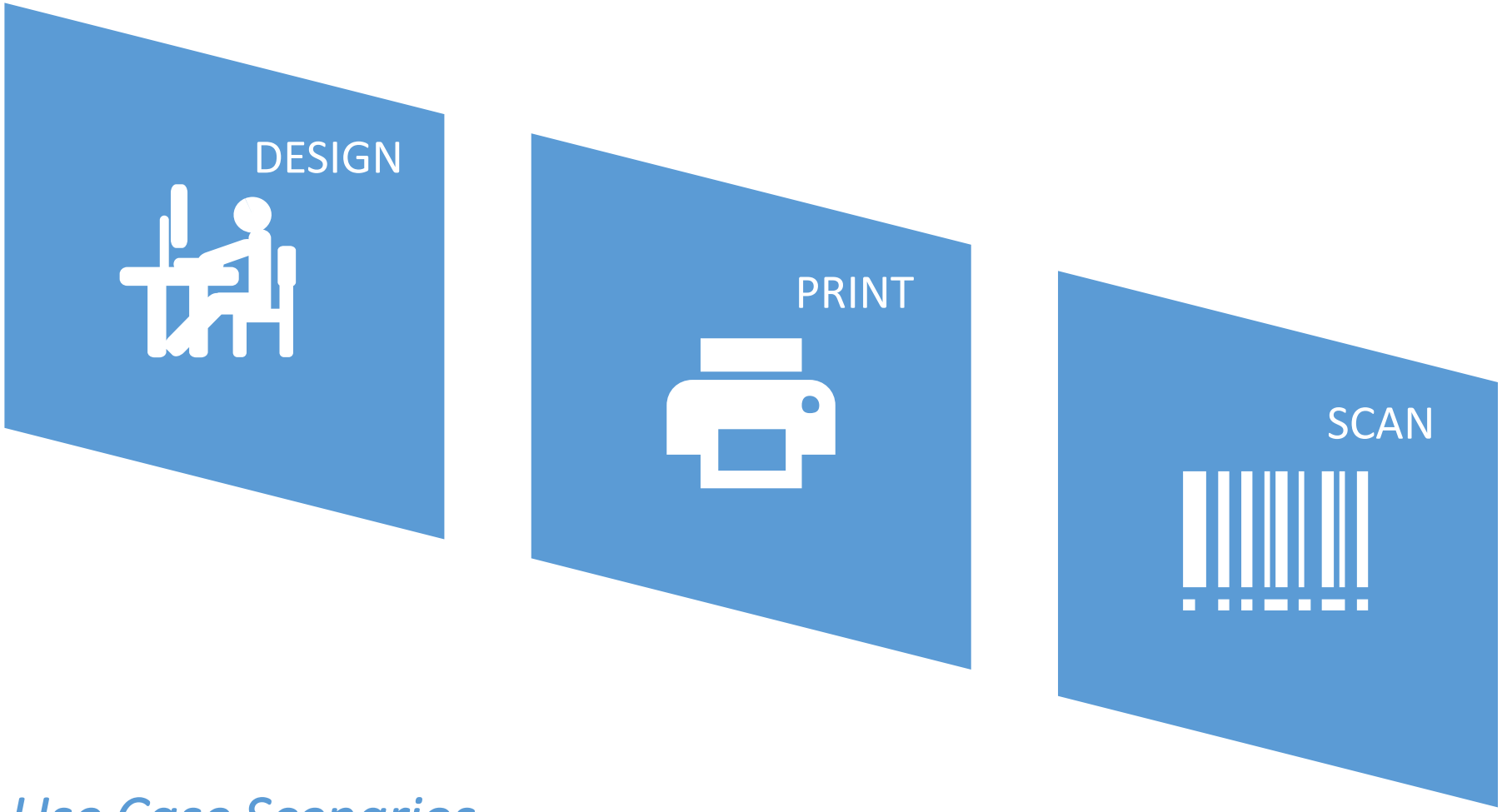



*Use Case Scenarios*

# Use Case Scenario – Product ID, Staging, Assembly, Pick/Pack applications

Cloud Printing Solutions

## Business with local or remote operations such as;

- Manufacturing & Assembly sites
- Distribution Centers
- Depots
- Global Business Partners / Suppliers

## Printing

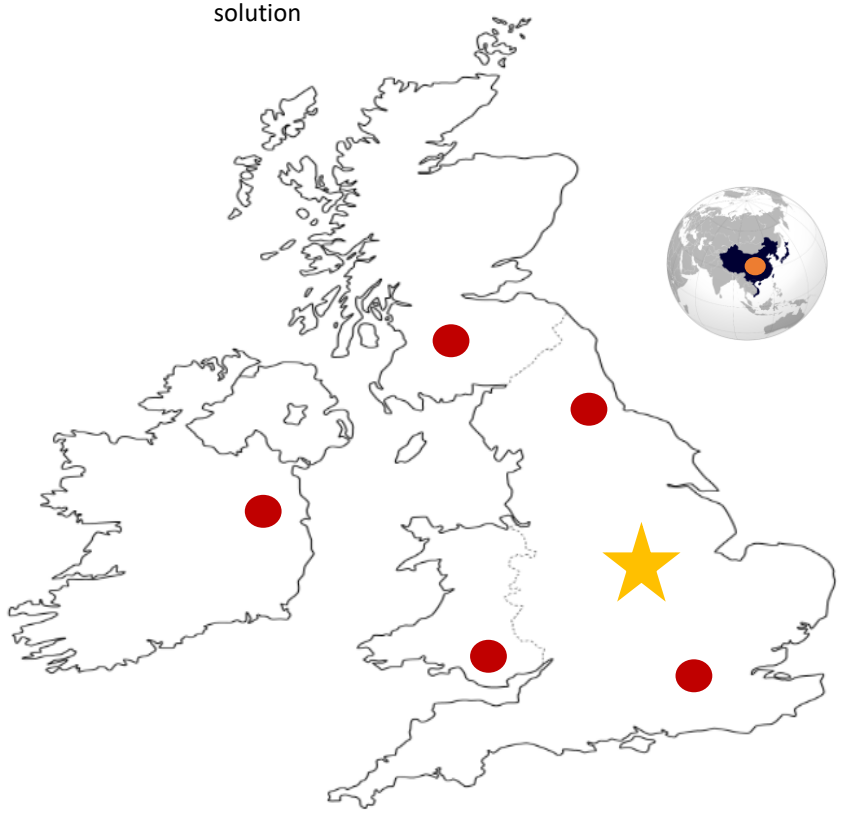
- Product Labels
- Co-Pack Labels
- Case / Cartons Labels
- Returns Labels
- Shipping/SSCC Labels

| Software | Printer | Scanner |
|---|---|---|
| LabelCloud | | |
| **NiceLabel Label Cloud**<br><br>Design, manage and deploy label and document printing solutions to local and remote employees, or 3rd Party business partners and suppliers. | **TSC DA210 or ZT400**<br><br>The printers will alert you of printhead errors, ensuring unreadable text and barcodes are not printed to avoid product identification and supply chain disruptions. | **ProGlove MK2**<br><br>Improve operator efficiency with ProGlove wearable barcode solutions.<br><br>• Optimized for high frequency scanning<br>• Extended battery life of up to 15 hours |

**Head Office**
- Responsible for design an deployment of centralised labelling solutions

**Remote Location / Operators**
- Print from a centralised label printing solution

**Global Users / Operators**
- Print from customer/supplier/partner centralised labelling solution



# Use Case Scenario – Product ID, Staging, Assembly, Pick/Pack applications

Cloud Printing Solutions

## Cloud Connect Printers

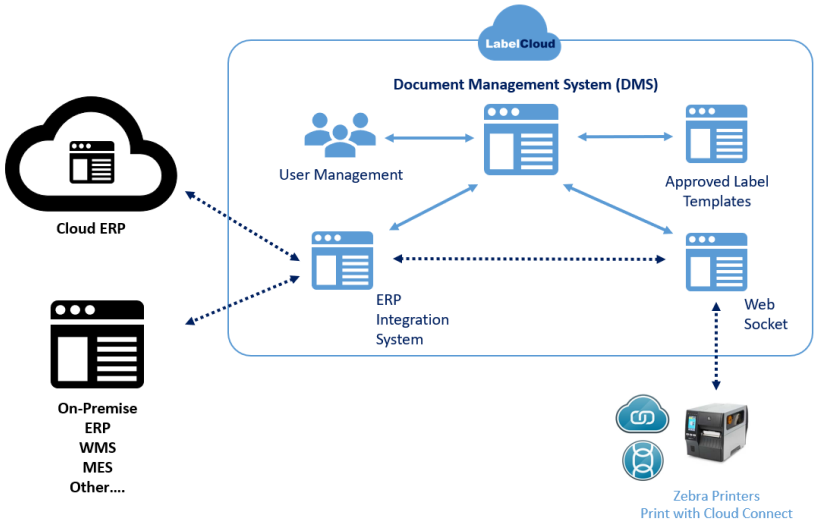
### Business with local or remote operations such as;

- Manufacturing & Assembly sites
- Distribution Centers
- Depots
- Global Business Partners / Suppliers

### Printing

- Product Labels
- Co-Pack Labels
- Case / Cartons Labels
- Returns Labels
- Shipping/SSCC Labels

| Software | Printer | Scanner |
|---|---|---|
| LabelCloud | | |
| **NiceLabel Label Cloud Websocket**<br><br>Design, manage and deploy label and document printing solutions to local and remote employees, or 3rd Party business partners and suppliers.<br><br>Label Cloud Websocket technology supports Zebra Cloud Connect Printers.<br><br>Print directly to the Zebra Printer IoT port without settings up on-premise print servers. | **ZT411 / ZT421**<br><br>Zebra 4” & 6” direct thermal & thermal transfer Cloud Connect printers<br><br>Including Printhead Element Out Detection | **ProGlove MK2**<br><br>Improve operator efficiency with ProGlove wearable barcode solutions.<br><br>• Optimized for high frequency scanning<br>• Extended battery life of up to 15 hours |



# Use Case Scenario – Integrated label printing from master data systems

Cloud
Printing Solutions

## Integrate label printing with your business system

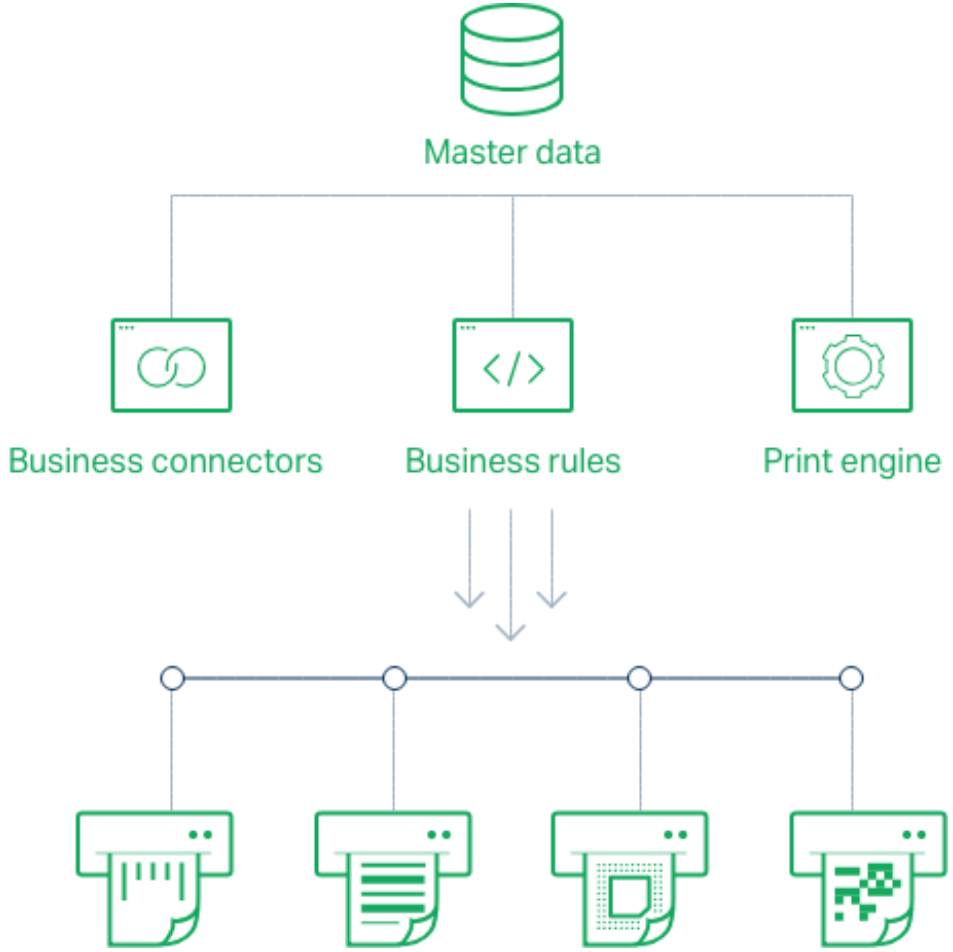
**Companies that want to automat label printing from manufacturing and supply chain applications**

- **Triggers** that accept data from any business applications
  - csv, xml, serial, tcp/ip, database, https, web services, cloud API
- **Filters** that integrate with all modern and legacy data formats
- **Actions** for building business rules and workflows

## Printing

- Product Labels
- Case / Cartons Labels
- SSCC Labels

| Software | Integration System | Label Printers |
|---|---|---|
| LabelCloud | LabelCloud | |
| **NiceLabel Label Cloud**<br><br>Design, manage and deploy barcode printing solutions to local and remote employees, or 3rd Party business partners and suppliers.<br><br>Labels and templates that need to be electronically approved and recorded to compliance standards such as CFR Part 11, EUMDR, ISO9001 quality management systems and more… | **Label Cloud Integration System**<br><br>Label Cloud integration system includes an intuitive graphical integration builder that lets you build simple or complex integrations. It lets your IT team rapidly configure connectors (triggers), data extraction and transformation (filters) and business rules and workflows (actions) without any coding. | **Desktop Printers**<br><br>Select the right label printers for your application.<br><br>Select from small format desktop printer with bad dot detection, or industrial performance printer with barcode quality control. |



# Use Case Scenario – Regulatory barcode label design and printing applications

Cloud Printing Solutions

## Business that needs to print barcodes to compliance standards

- Food & Beverage Producers
- Retail Supply Chain
- Medical Device Manufacturers
- Pharmaceutical Device Manufacturers
- Cosmetic Product Manufacturers

## Printing

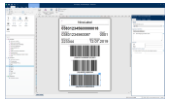
- Product Labels
- Case / Cartons Labels

## Barcode Grades required

- All barcodes must be a minimum grade 1.5 (C) or above, except for ITF-14 symbols printed on to fibreboard, when grade minimum grade 0.5 (D) is acceptable

| ANSI to ISO Grade Conversion Table | |
|---|---|
| A | 3.5 to 4.0 |
| B | 2.5 to 3.4 |
| C | 1.5 to 2.4 |
| D | 0.5 to 1.4 |
| F | Less than 0.5 |

| Software | Printer |
|---|---|
| LabelCloud | |
| **NiceLabel Label Cloud**<br><br>Design, manage and deploy barcode printing solutions to local and remote employees, or 3rd Party business partners and suppliers.<br><br>Labels and templates that need to be electronically approved and recorded to compliance standards such as CFR Part 11, EUMDR, ISO9001 quality management systems and more… | **Printronix T8000 2D ODV**<br><br>Every barcode on every label is checked and validated to meet GS1, ISO/ IEC 15426-1 standards.<br><br>If a bad barcode is detected, the label is pulled back into the printer and overprinted, then reprints a new label. |



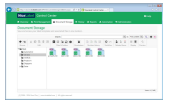
**Designing, Managing and Printing Regulatory Barcode Labels**

1. Design label templates (NiceLabel Designer)

2. Design on demand printing solutions (NiceLabel Application Builder), or integrated printing solutions (NiceLabel Integration System)

3. Validate printed test labels prior to production printing (Printronix T8000 2D ODV)

4. Approve printed test labels or return to template designer for required changes




5. Approve, manage templates & printing Solutions (NiceLabel Label Cloud)

6. Deploy printing solutions (NiceLabel Web client for on-demand printing or Automation on Server for integrated printing solutions)

7. Print and inspect EVERY Label (Printronix T8000 2D ODV Printer)
   - If barcodes are good go onto the next label
   - If barcodes are not correct, retract bad label and overprint it, then automatically retry/reprint labels

8. Record all print history (NiceLabel Label Cloud)

9. Apply labels to products, case, carton, pallet etc

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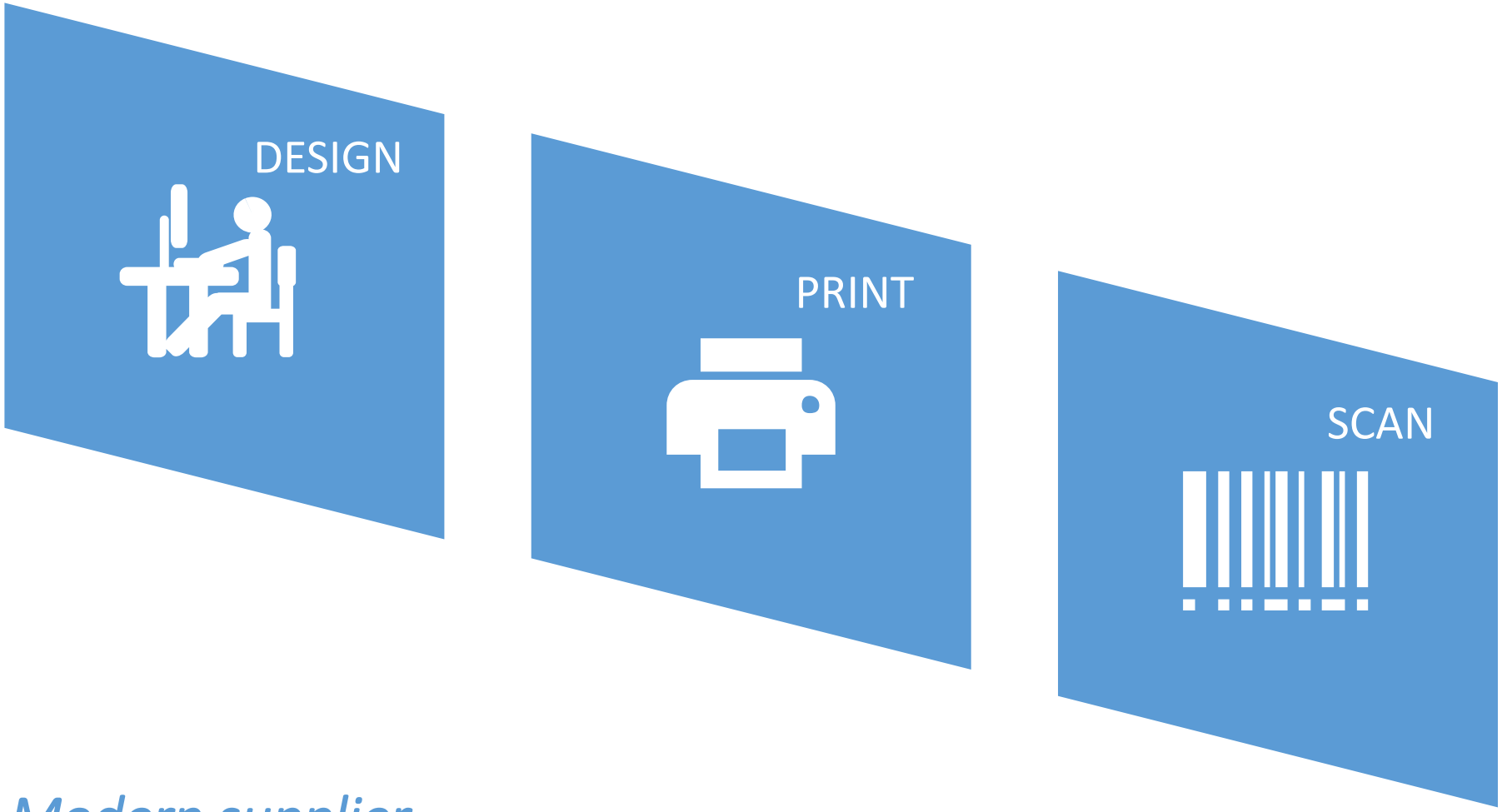


*Modern supplier*

# About Cloud Printing Solutions

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9 Chesterton Way
Weston
Cheshire
CW2 5NZ

T: 0161 818 6446
W: cloudprintingsolutionsltd.com

You can also find us at

W: labelcloud.co.uk

## Industry Experience

- 50+ years experience and expertise in barcode and RFID product identification and supply chain labelling solutions
- Leading specialist in label management systems and label printing solutions
- UK's No1 Partner for TSC label printers

## High ROI

- We help businesses modernise legacy automatic identification and labelling systems with next generation label management and barcode quality control solutions that deliver high ROI's.

## Best Practice & Process Improvements

- Systems that provide best practice, process improvement and quality standards to ensure your business is ready for the future of quality controlled or regulatory labelling, such as GS1, UDI, EU Food Regulations, GHS/CLP and more…

# About Cloud Printing Solutions

**W: [cloudprintingsolutionsltd.com](cloudprintingsolutionsltd.com)**

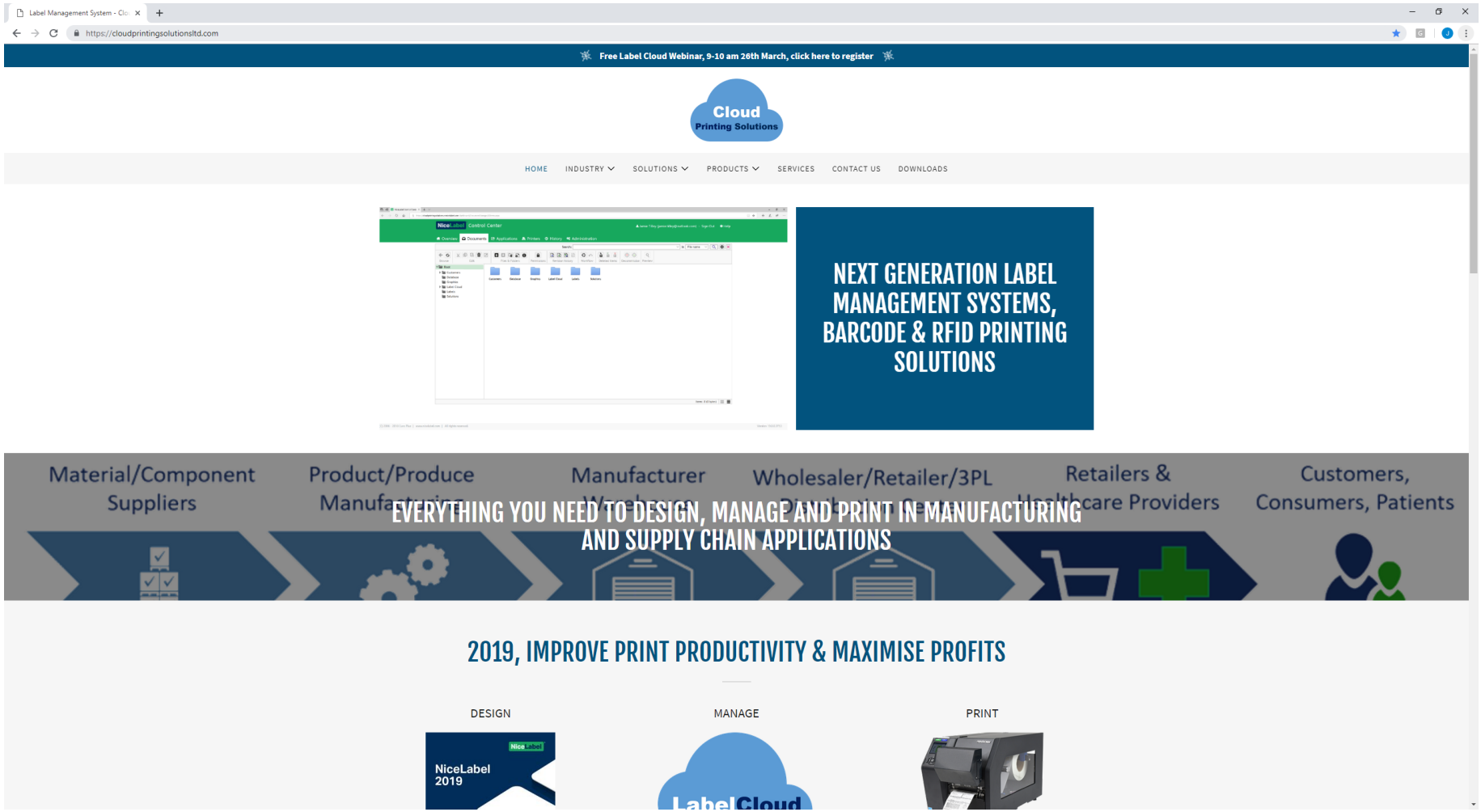
**Labelling Software**
- Designers
- Label Management Systems
- Label Cloud

**Printers**
- Desktop, Mobile, Print & Apply
- Barcode Validation/Verification
- Industrial Material Solutions
- Colour Ink Jet
- Continuous Ink Jet
- Unwinders/Rewinders
- Supplies

**Barcode Scanners**
- Battery free mobile barcode scanners

**Tablets**
- Rugged 8” / 10” Windows

**Services**
- Managed Print Service (MPS)
- System Audits
- Application Development
- Installation/Deployment
- Training & Support



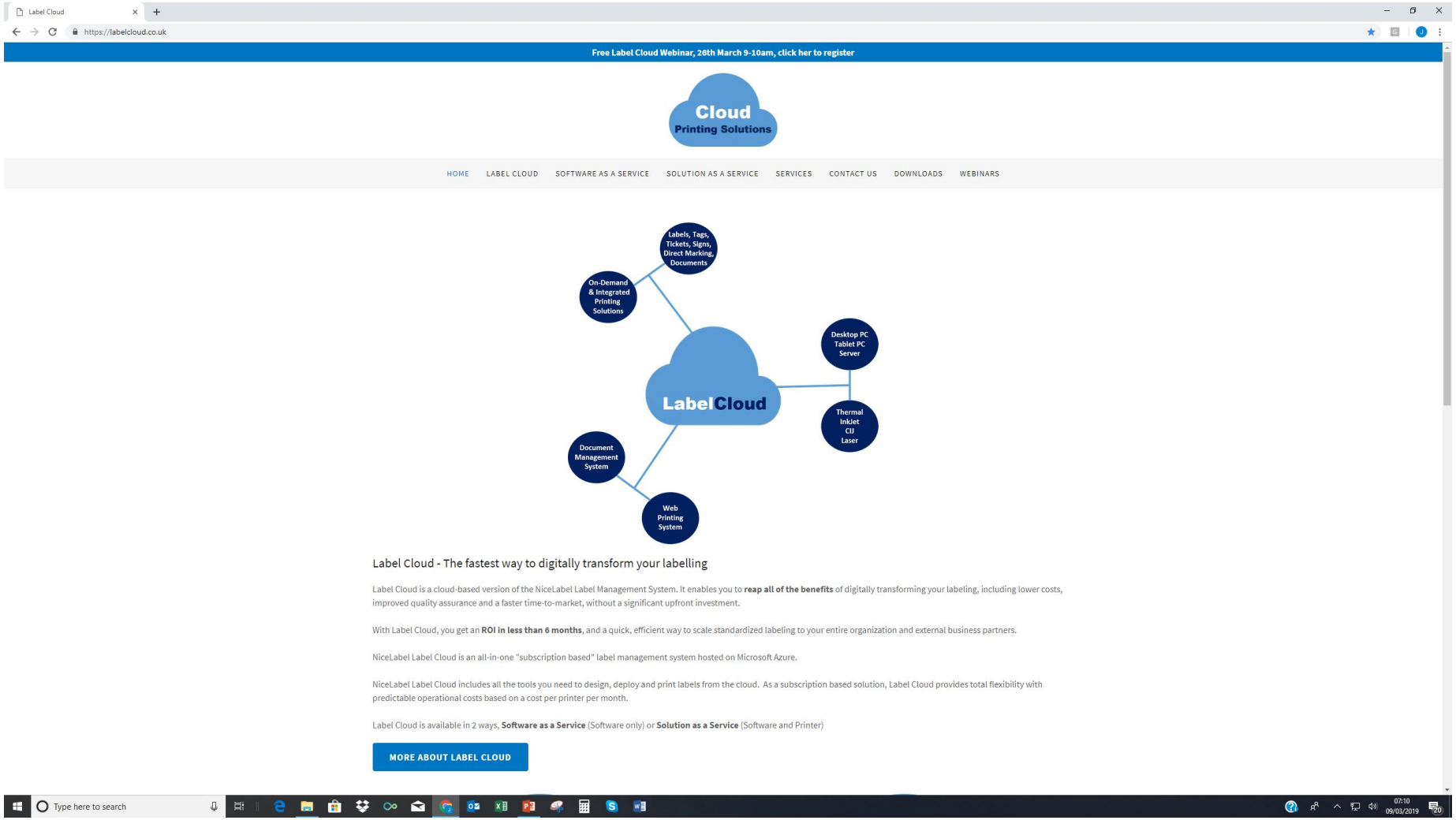
# About Cloud Printing Solutions

**W: [www.labelcloud.co.uk](http://www.labelcloud.co.uk)**

**Subscription based “X as a Service” Label Management System for all size companies**

**Labelling Software**
- Label Cloud

**Software as a Service**
- Label Cloud

**Solution as a Service**
- Label Cloud and Printers
- Label Cloud, Printers and Service
- Label Cloud, Printers, Service and Supplies

**Everything you need to design, manage and print labels included in a cost per “X” per month subscription**