

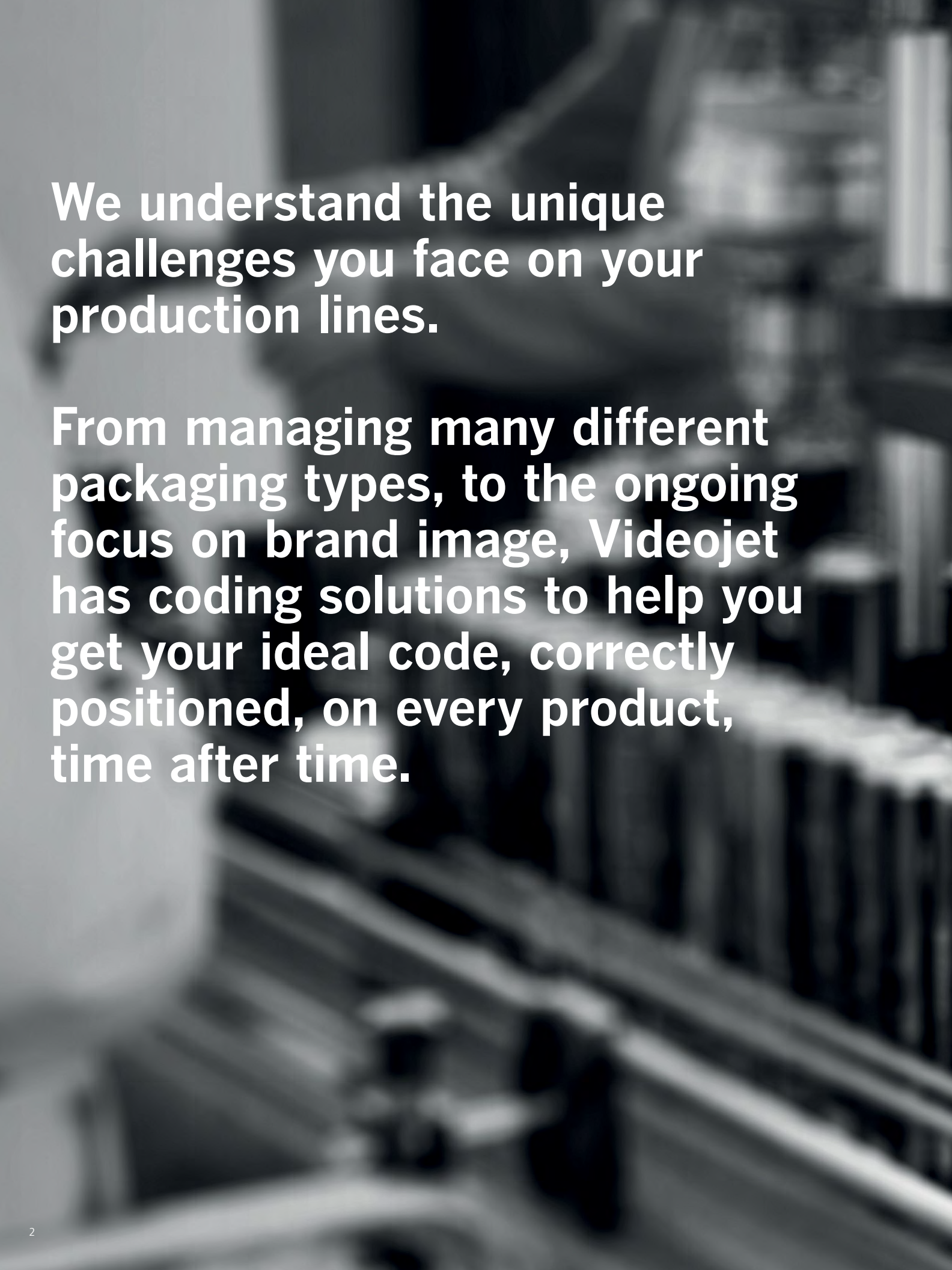


Marking, coding and systems solutions

# **Cosmetics, personal and home care**





A blurred, black and white photograph of an industrial production line, showing various mechanical components and conveyor belts in motion.

**We understand the unique challenges you face on your production lines.**

**From managing many different packaging types, to the ongoing focus on brand image, Videojet has coding solutions to help you get your ideal code, correctly positioned, on every product, time after time.**

# Your brands matter. Protect and enhance them with Videojet.

Whether large or small, Videojet has coding and marking solutions to meet your many production needs. Offering a wide variety of coding technologies, specialised inks and fluids, advanced software and a dedicated global service team, we can help you to code on virtually every package type and substrate.

With Videojet as your coding partner, you can enhance manufacturing flexibility with coders that do more while reducing costs and simplifying your operations.

## **Uptime advantage**

Our extensive product range enhances the efficiency of your production lines, giving you the technologies and supplies you need to achieve optimal code quality and durability, while keeping your operations moving.

## **Code Assurance**

Help reduce your costs and protect your brands with our innovative software solutions. These enable you to get the right code in the right place, on the right product, time after time. In fact, our innovative solutions make it virtually impossible for you to get a code wrong.

## **Built-in productivity**

Whether you're integrating into filling lines, cartoners or any other packaging machinery, our coding solutions help enable you to maximise line efficiency and productivity while minimising total cost of ownership.

## **Simple usability**

Videojet products are engineered to be easy-to-use and extremely reliable. This means you can spend more time focussing on the critical aspects of your business and less time mastering our technology.

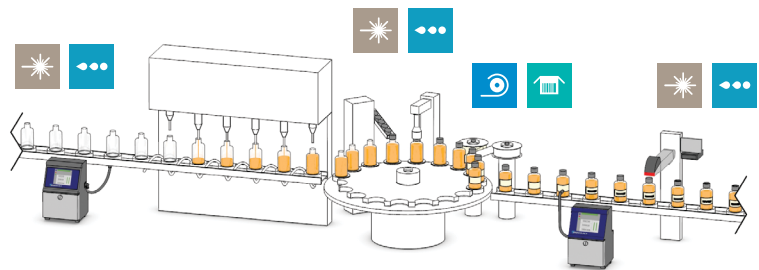




# Innovative solutions for every step of your process

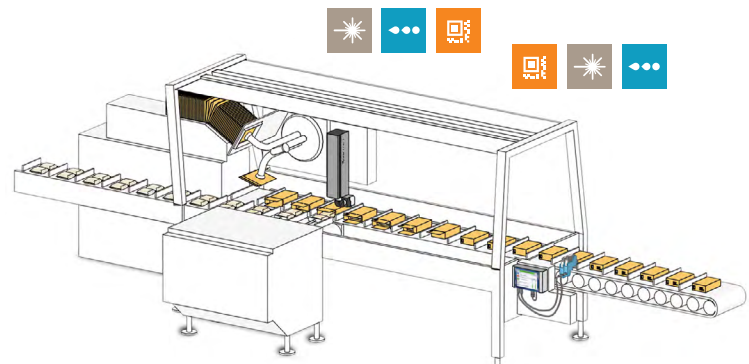
## Filler, capper

Easy integration before, into or after your filler is key to your coding and marking success. Videojet technology can be integrated to multiple places on your line to maximise your flexibility and code quality.



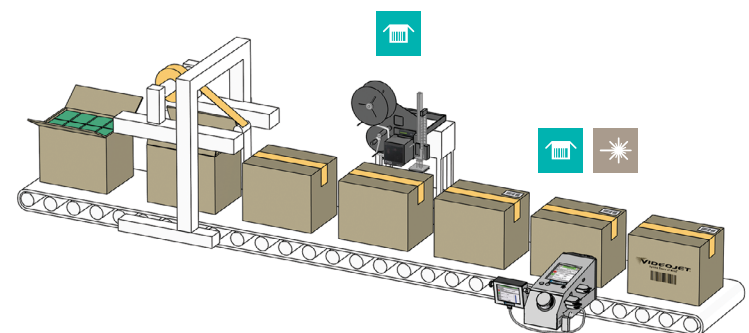
## Cartoner

A range of technologies can be integrated with cartoning machines before or after packaging. Your optimal installation location will depend upon the size constraints of both your cartoner and your preferred coding technology.



## Case packers

Printers are best integrated on your conveyor after the sealed case has been discharged. The type and amount of information you want to print on your case determines which solution is best suited to your operations.





## Coding technologies for your packaging type:

Printing application	CIJ	TIJ	Laser	TTO	LPA	LCM
HDPE and PET bottles, jars and containers	✓		✓	*	*	
Flexible plastic and paper	✓	✓	✓	✓	*	
Glass bottles and jars	✓		✓	*	*	
Specialty containers	✓	✓	✓	*	*	
Metal aerosol cans	✓		✓	*	*	
Folding cartons	✓	✓	✓		*	
Case		✓	✓		✓	✓

\* Typically used to print on a label prior to application.

# Multiple package types, six technologies, one name - Videojet

## Outstanding solutions helping you mark your brands.

Cosmetics, personal and home care companies around the world choose a wide variety of packaging types to represent and differentiate their brands. Videojet offers you a full suite of coding solutions to give your brand the definition it deserves.



### Continuous Inkjet (CIJ)

Fluid-based, non-contact printing of up to five lines of text, linear and 2D bar codes or graphics, printed on a variety of packaging types including stationary packaging via traversing systems.



### Thermal Inkjet (TIJ)

Ink-based, non-contact printing using heat and surface tension to move ink onto a package surface. Generally used to print 2D DataMatrix and other bar codes.



### Laser Marking Systems

A beam of infrared light focussed and steered with a series of carefully controlled small mirrors to create marks where the heat of the beam interacts with the packaging surface.



### Thermal Transfer Overprinting (TTO)

A digitally controlled printhead precisely melts ink from a ribbon directly onto flexible films to provide high-resolution, real-time prints.



### Label Printer Applicator (LPA)

Prints and places labels of various sizes on multiple package types.

### Large Character Marking (LCM)

Ink-based, non-contact printing of multiple data types (alphanumeric, logos and bar codes) in large sizes primarily used for shipping cases.

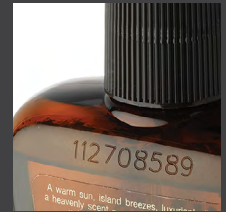
# HDPE and PET bottles, jars and containers

## Your ideal code

Over 80% of global personal and home care bottles, jars and containers are made from HDPE or PET<sup>1</sup>.

Plastic packaging includes slick plasticisers that support plastic flexibility but can make coding difficult. So consider code contrast and resilience requirements and make sure you get product samples before you determine the optimal coding technology for your package.

Our expert sales and service teams will help you choose the right coding technology and keep it running effectively on your line.



### Direct-to-closure



### Direct-to-package



### Direct-to-closure, package, label



## Continuous Inkjet (CIJ)

- high-speed, non-contact printing, even on irregular shapes
- wide range of both dark- and light-coloured inks for maximum contrast
- ideal for both direct-to-plastic and label printing
- mobile printhead enables code placement almost anywhere on package, including closures and curved bottoms, for maximum flexibility

### Direct-to-closure, package, label



## Laser Marking Systems

- creates clear and permanent codes that are ideal for detergents, cleaners and products used in wet environments
- no inks or fluids required, reducing your environmental footprint
- ideal for both direct-to-plastic and label printing especially in pre-printed knock-out boxes



### Direct-to-label



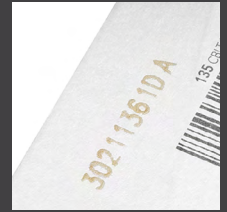


# Flexible plastic and paper

## More print, less cost

Many coding technologies are effective on flexible plastic and paper packaging. While films, pouches, sleeves and bags can all be cost-effective packaging options, managing the numerous pre-printed films for every fragrance, colour and product can be challenging and costly.

Videojet has a wide range of coding technologies to give you the capability to print product information, bar codes, ingredients, logos and other information during packaging by batch, line and even individual unit. This can reduce your hassle and costs while increasing your manufacturing flexibility.



### Direct-to-package



#### Thermal Transfer Overprinter (TTO)

- ideal for coding on plastic film prior to filling
- sharp bar codes and logos for clear customer communication
- perfect for adding colour numbers, logos, names or bar codes on plastic sleeves

### Direct-to-package



### Direct-to-package



#### Thermal Inkjet (TIJ)

- easy to use and maintain due to the innovative no-mess ink cartridge system
- prints clear bar codes, logos and other data
- ideal for paper-based applications, such as the cardboard back of retail blister packages

### Direct-to-package



#### Laser Marking Systems

- a chemical reaction on certain types of film results in a colour change that gives you sharp, clear codes
- limited supplies required
- ideal for paper and some plastics

### Direct-to-package



#### Continuous Inkjet (CIJ)

- specialised inks for optimised adhesion and code durability
- seamless integration into flow-wrappers, vertical form, fill and seal and other machinery
- codes on most flexible paper and plastic package types

## Glass bottles and jars

# Protect and enhance your brand

Defending the reputation of your business and your products is not easy. Product diversion to unauthorised channels and counterfeiting can reduce profits, tarnish brand image and create safety risks for your customers.

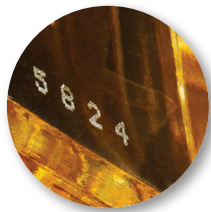
Our advanced coding technologies and supporting software solutions, however, can give you the supply chain control you need to prevent these threats. These solutions can be as simple as using a laser marking system to ensure a permanent code on your glass package, to an integrated software solution.



Direct-to-glass or closure



Direct-to-label



### Direct-to-label and package



#### Continuous Inkjet (CIJ)

- print sizes available with compact 50-micron nozzles for your small, hard-to-code areas
- high contrast text ideal for customising bottles with colour numbers or names
- versatile design is easily modified for different package sizes and shapes
- UV inks enable covert coding solutions

### Direct-to-label and package



#### Laser Marking Systems

- clear codes, logos and text etched into glass packaging ensures permanence and brand protection
- removal of top layer of paint on decorated bottles gives high contrast
- possible to code inside of package to prevent tampering

### Direct-to-label



#### Thermal Transfer Overprint (TTO)

- prints on labels prior to placement on glass
- ribbon-saving technology minimises supply usage
- in-line print quality often on par with pre-printed content



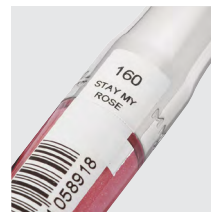
## Specialty containers

# Code on almost anything

Due to their shape, use and dispensing method, many personal and home care products such as cosmetics, skin and lip care, deodorants and even air fresheners come in a variety of specialised containers. In fact, your package design often differentiates your product and can be integral to your success.

So, make sure your coding doesn't detract from your great package styling by considering coding during the design process, then choosing the optimal coding technology for your specialised package.

Videojet's wide range of different coding technologies can help you create unique and sales-winning packaging for your products.



### Direct-to-label and package



## Laser Marking Systems

- mobile CO<sub>2</sub> and fibre laser marking systems are easily adjusted for varying package sizes
- scribing technology and large marking fields provide excellent code quality



### Direct-to-label



### Direct-to-package



### Direct-to-label



## Label Printer Applicator (LPA)

- modular, robust design, which helps ensure maximum versatility
- capable of high loads, with extremely accurate control or exceptional speeds
- can be easily integrated into existing line systems

### Direct-to-label



## Thermal Transfer Overprint (TTO)

- ideal for dark packaging when a contrasting code is required
- prints on label prior to application
- many different ribbon colours available

### Direct-to-label and package



## Continuous Inkjet (CIJ)

- versatile coding solutions for almost any package material, size or colour
- easy-to-use with interactive touchscreen
- Smart Cartridge™ fluid system virtually eliminates waste, mess and mistakes

## Metal aerosol cans

# Keep your line running

Metal aerosol cans are used around the world to dispense a variety of cosmetics, personal and home care products from polishes and cleaners, insecticides and air fresheners to deodorants, hair spray and shaving cream.

However, coding on aerosol cans can often be a challenge due to the metal finishes and curved designs. Videojet offers coding solutions and service support for these and other difficult coding applications and can help keep your line running efficiently and constantly.



### Direct-to-closure and package



#### Continuous Inkjet (CIJ)

- capable of printing on bottom of can, even with high curves
- patented CleanFlow™ technology combines a specially-designed printhead and an auto-cleaning function to reduce build-up and keep the printhead clean
- modular design delivers extended hours of production between scheduled maintenance

### Direct-to-closure and package



#### Laser Marking Systems

- wide range of laser lenses, powers and technology types make sure that you can print on most kinds of metals and curvatures
- ideal for either engraving into the metal directly or the removal of a painted or labelled surface



### Direct-to-closure



### Direct-to-package





## Folding cartons

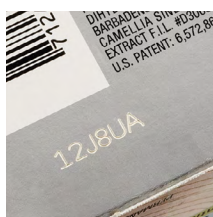
# Standardise and save with value-added coding

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**Videojet coding solutions can do more than just add a batch, lot or date to your package: they can simplify your operations and help reduce your manufacturing costs.**

More coding in-line and onsite means you can customise packaging at the product or batch level. With Videojet's digital coding technology you can add colour names or numbers, ingredients, bar codes or icons to your product in-line and to the outside of cartons.

Quicker changeovers and more flexible manufacturing is made possible by using coders for package customisation in-line. This enables standard cartons to be used throughout a line or plant, reducing pre-printed package inventory.



Direct-to-package



Direct-to-package



### Laser Marking Systems

- simple and clean method of marking text, bar codes or images while utilising virtually no consumables
- a CO<sub>2</sub> laser will remove the top layer of a pre-printed ink to expose the layer underneath, resulting in high quality and bright contrast

Direct-to-package



### Continuous Inkjet (CIJ)

- codes adhere to virtually all common carton materials including those with aqueous overcoats and varnishes
- reliable and cost effective coding method
- coloured and pigmented inks available for dark boxes to create high contrast
- invisible UV and IR inks can hide code in package design

Direct-to-package



### Thermal Inkjet (TIJ)

- high-quality, high-resolution print even after long printing breaks
- easy to integrate into packaging line for printing above or laterally

## Case coding

# Control your supply chain

Achieving legible and accurate information on your cases is vital for effective supply chain management. Videojet has multiple ways to help you create supply chain traceable coding, which range from high-resolution printing direct to the box to automatic label application.



Direct-to-case



Direct-to-label



Direct-to-case



### Large Character Marking (LCM)

- high-resolution printing of bar codes, logos and other information
- cost-effective and dependable solutions
- eliminates the inconvenience and additional costs that can occur with labels and specialised pre-printed cases
- lower resolution valve jet option ideal for large text

Direct-to-case



### Thermal Inkjet (TIJ)

- designed to support the GS1 DataMatrix standards
- delivers optimal time management with combination of long decap and short drying time

Direct-to-case



### Laser Marking Systems

- permanent, durable marks and codes
- can print over large print area with a wide range of lenses
- fast marking speeds

Direct-to-label



### Label Printer Applicator (LPA)

- high-quality thermal transfer coding direct to labels
- automatic applicator offers greater speed, accuracy and error prevention than hand labelling
- easy-to-use design



Service, supplies and accessories

# Customised solutions for your application

Every coding application is different. That is why we offer you one of the most comprehensive selections of service, supplies and accessories to customise a solution for your unique operations.

With the broadest portfolio of CIJ inks and the industry's leading team of ink application chemists, Videojet has spent over 40 years developing speciality formulations that are ideal for your personal and home care applications.

We work directly with major OEMs and have a wide range of customised accessories for all printing technologies to seamlessly integrate our printers into your production lines.



## Specially-developed inks and fluids

- Videojet manufactures over 640 application-unique fluids – more inks than any other industrial coding and marking manufacturer, so we are sure to have your ideal solution
- both dark and pigmented inks can enable contrast on almost all package colours
- customised accessories for almost any application



## Brand protection and Code Assurance software

- specialised software works with coding equipment to help you address counterfeiting and diversion in your supply chain
- automate message creation and job selection processes to proactively prevent code errors through Code Assurance software

## Service

Videojet offers global service and support with over 800 direct service and technical support resources in 24 countries and factory-certified distributor support in 100 additional countries.

- Onsite installation, commissioning and operational support
- 24/7 help desk / technical support operations in 16 countries
- Global average onsite response time of less than 24 hours any time of day

Service offerings can be configured to your unique needs from operator maintenance training or time material service to specialised service contracts offering part replacement, preventative maintenance and supplies.



A partner you can rely on

# Videojet – accurate, reliable and cost-effective printing

## Continuous Inkjet (CIJ)

The most versatile of all variable technologies, CIJ prints on nearly any package type and shape. Videojet's wide range of ink colours also enable printing on almost any colour.



### Suggested Solutions:

Videojet 1880 Series printers combine cutting-edge features with advanced digital connectivity for a solution that's ready for a data-driven future. Delivering optimum quality and reliability, they offer crisp, clear codes that meet the need for 2D, QR and track and trace coding, with a low-maintenance design.

## Laser Marking Systems

Laser marking systems provide permanent codes that are perfect for protecting your brand and preventing counterfeiting. Without the use of ink or solvents, lasers reduce your need for additional supplies and your environmental footprint.



### Suggested Solutions:

Our 10- and 30-watt CO<sub>2</sub> laser marking systems are versatile and easy to use. With scribing laser technology and large marking fields, they give you excellent mark quality on cartons, cases, plastic, glass and other packaging types.

## Thermal Inkjet (TIJ)

This technology is ideal if you print high-quality text and bar codes on cartons and paper blister packs, ensuring that even complex and detailed codes are clearly readable for your downstream partners and consumers.



### Suggested Solutions:

Our Videojet TIJ coders deliver high-resolution prints and bar codes on your packaging. Their compact design integrates easily into your production processes, while flexible communications and menu-driven interfaces make them easy to configure and use.





## Thermal Transfer Overprinting (TTO)

Perfect for your label, plastic sleeve or flexible packaging applications, this technology gives you high-quality codes and images, from date, time and ingredients to colour numbers, logos and bar codes in bright colours.



### Suggested Solution:

Our DataFlex® Thermal Transfer Overprinter combines high-resolution printing and ribbon-saving technology for highly legible codes and minimal ribbon waste. The intuitive interface and colour touchscreen make product changeovers simple and efficient.

## Large Character Marking (LCM)

Make pre-printed cartons and labels unnecessary by printing your supply chain information directly on the cases, saving you time and helping to eliminate the costs and production delays associated with labels.

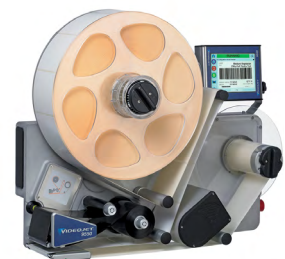


### Suggested Solution:

Our 2380 large character inkjet printer is ideal for your high-resolution case coding applications such as printing alphanumeric text, logos, images and bar codes. Through our patented micropurge process, the printhead is automatically cleaned and maintained, helping to ensure that your bar codes are scannable and your text is crisp and legible.

## Label Print Applicator (LPA)

When your customers demand labels or you are using darker corrugated cases, an LPA automatically applies labels to cases to ensure high accuracy across a range of substrates.



### Suggested Solution:

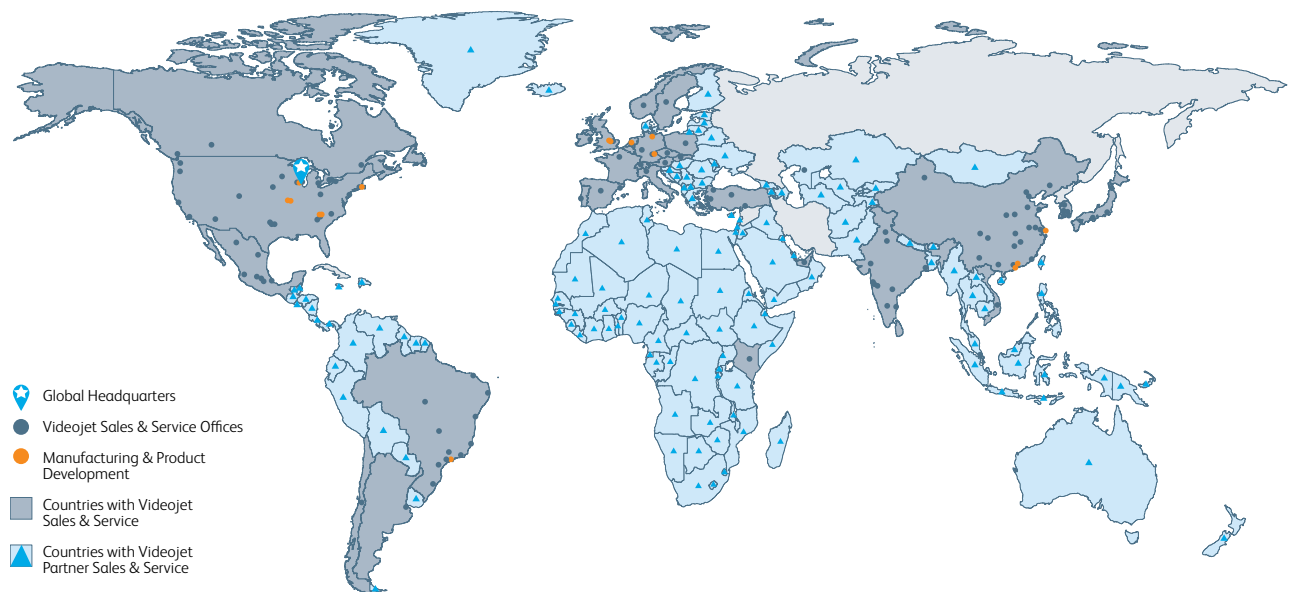
The Videojet 9550 Label Print Applicator is designed to be simple to use, making it extremely capable in countless applications.

# Peace of mind comes as standard

Videojet Technologies is a world leader in the product identification market, providing in-line printing, coding and marking products, application-specific fluids and product LifeCycle Advantage™.

Our goal is to partner with our customers in the consumer packaged goods, pharmaceutical and industrial goods industries to improve their productivity, to protect and grow their brands and to stay ahead of industry trends and regulations. With our customer application experts and technology leadership in Continuous Inkjet (CIJ), Thermal Inkjet (TIJ), Laser Marking, Thermal Transfer Overprinting (TTO), case coding and labelling, and wide array printing, Videojet has more than 400,000 printers installed worldwide.

Our customers rely on Videojet products to print on over ten billion products daily. Customer sales, application, service and training support is provided by direct operations with over 4,000 team members in 26 countries worldwide. In addition, Videojet's distribution network includes more than 400 distributors and OEMs, serving 135 countries.



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