



Integration and  
configuration expertise  
matter – select the right  
laser solution for your  
application

Marking, coding and systems solutions

# Electronics



# Delivering your desired mark

To a greater degree than other coding processes, a successful laser mark is driven by a deep understanding of the interaction between coding technology and substrate. Successful marking requires a broad range of laser technologies and the accumulated knowledge of thousands of applications.

With over 30 years of laser application expertise and a laser portfolio including CO<sub>2</sub>, fiber, and other solid-state lasers, Videojet is uniquely positioned to deliver your desired mark.



Videojet experts partner with you to help you select and seamlessly integrate your ideal coding system into your production.



## CO<sub>2</sub> laser systems

Designed to deliver crisp, high-quality codes, the Videojet CO<sub>2</sub> laser range offers the most flexible configuration options for line integration.



## Fiber laser systems

The fiber laser range was developed to meet the needs of manufacturers who work with robust, high-density packaging materials on moderate or high-speed lines.



## UV laser system

The Videojet UV Laser delivers high-contrast, permanent codes enabling product lifetime track and trace on substrates like HDPE and LDPE plastic, and other synthetic fiber materials such as DuPont™ Tyvek®.

DuPont™ and Tyvek® are trademarks or registered trademarks of DuPont or its affiliates

## Sample lab

Videojet offers a sample lab service and can provide you with various codes on your packaging using different technologies. The lab can suggest the optimal technology for all of your packaging and send samples to help you make an informed decision before you invest in a coding solution.

Due to variability between materials, it is important to test your coding solution before starting production. These tests can help determine if the technology meets your coding needs in terms of contrast, permanence and placement.



# Traceability and counterfeiting

Aside from providing track and trace visibility of products throughout the distribution chain, codes can also be an integral means of fighting counterfeit products.



## Counterfeit protection

Manufacturers are commonly challenged with illegal copy and sale of electronic components that look very similar to their authentic products. Devices assembled with counterfeit components can cause serious issues with product safety or reliability. Moreover, such components can result in regulatory issues, as counterfeit components are not certified for use in the final product.

With smart coding technology, manufacturers can add unique product identifiers such as 2D barcodes and serial numbers, which help to make counterfeiting more difficult.

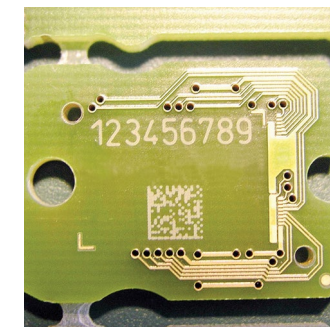


## Customized solutions

At Videojet we put customers at the heart of what we do. From individual site-surveys and walking the packaging line with you, through to installation, our dedicated team of specialists will tailor the recommended solution to meet your application needs and deliver clean, crisp, permanent codes.

## Brand identification and recognition

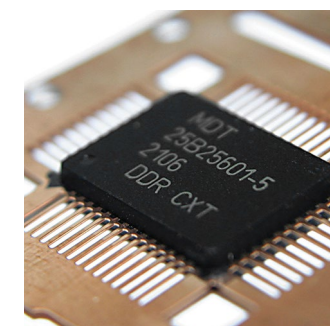
Most electronic components are sold in bulk directly to manufacturers. Only a small fraction is sold with individual packaging. In many cases, coding is the only opportunity the electronic component manufacturer has to identify its product and to represent its brand to its users.



Printed circuit board



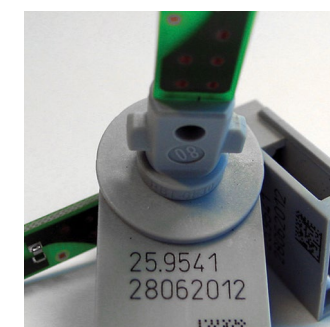
Environmental sensor



Integrated circuit



Connector



Automotive sensor



Electronic switch



# Direct coding, replacing the need for labels

Pre-printed labels can be cumbersome to apply, are not flexible when it comes to small batches of products, and can be expensive to pre-produce and to stock.

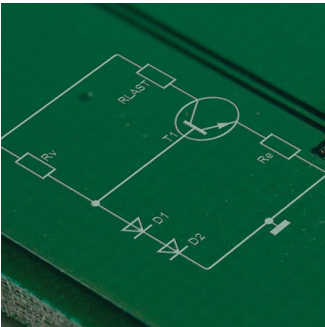
## Durable and clean complex codes

Achieve permanent and precise codes without damaging the substrate or compromising on product aesthetics.

Videojet lasers can produce high-contrast codes on a variety of product colors and substrates and are capable of coding precise, detailed information such as wiring diagrams, regulatory information, and logos.



Label replacement



Circuit diagram



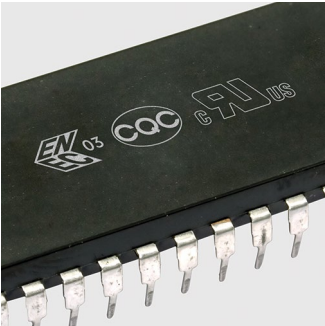
2D code and text



Barcodes



Specification plate



Certification symbols

## Videojet service advantage

Videojet has the largest field service organization in the industry. This means we are able to offer our customers access to:

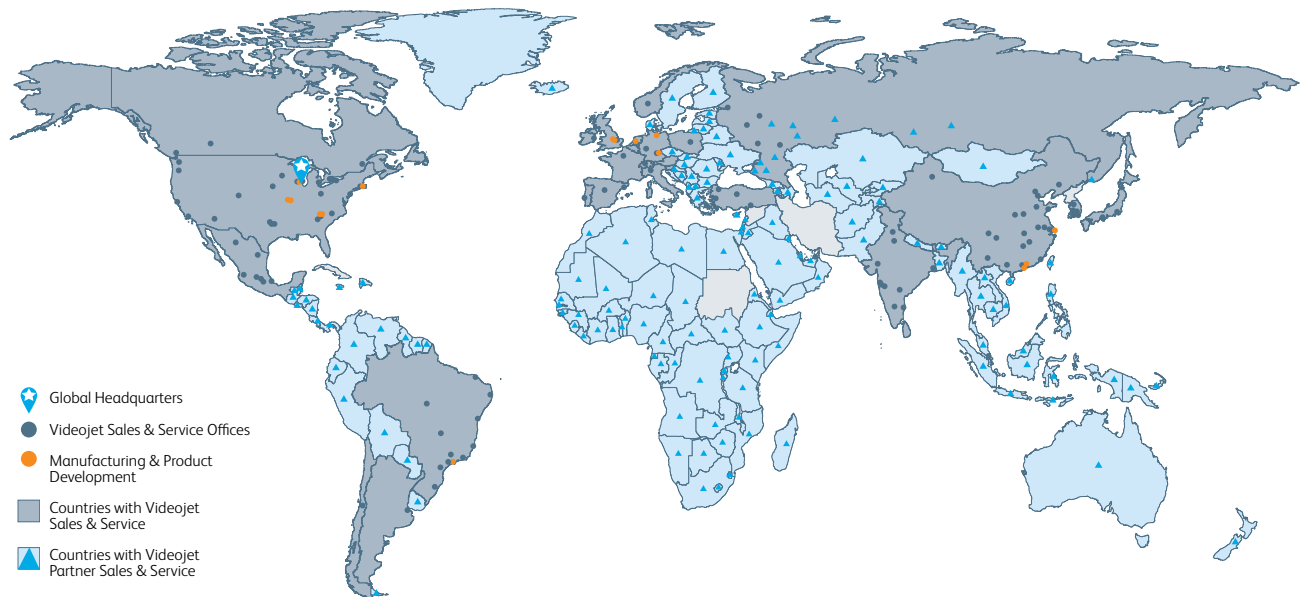
Certified field service engineers	Hundreds of laser experts with up-to-date training and instant access to our technical knowledge library
Rapid response time	Service engineers are nearby and ready to meet your urgent needs
Parts availability	Service engineers have key spare parts on hand to help expedite repairs
Customized service packages	Designed to serve customers with any level of experience
Operator training packages	Available to ensure your operators understand key printer features and are prepared for new coding requirements
Maintenance training packages	Available to empower your staff to maintain your Videojet equipment with the highest standards
24x7 technical phone support	40+ technical experts on staff to immediately assist with your urgent needs

# 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 labeling, 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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Part No. SL000695  
br-electronics-en-in-1020

