



Marking, coding and labeling systems

Videojet solutions for Codentify®



CODENTIFY®



Digital tax verification, track & trace and product authentication...

Implementing Codentify® not only requires sophisticated marking technology capable of meeting your performance needs while producing machine readable serialization codes, but also must seamlessly integrate into all tobacco OEM equipment and interface with code generation software.

Our purpose-built Codentify® Interface has been designed to remove any complexity and inconvenience around integration by improving the way printers connect and interface with your Codentify® infrastructure.



Help secure your supply chain

Use the latest in advanced digital coding technology helps ensure maximum uptime, improved performance and 100% compliance from pack to master case.

Uptime advantage

Your non-stop production cycles demand zero coder-related downtime. Our Codentify® compatible solutions help keep your lines running every step of the process.

Code Assurance

Vision system cameras can be easily connected and controlled via the Videojet Codentify® Interface for enhanced code quality assurance, and our intuitive touchscreen controller helps ensure the right code is on the right product.

Built-in productivity

Maintain high throughput requirements using our high-speed printing solutions together with the Videojet Codentify® Interface which enables updates of Codentify® related software and printer related firmware to be completed independently.

Simple usability

Our Codentify® solutions are easy to operate and require less maintenance due to industry leading hardware and software innovation, designed with your packaging process in mind.

Simplified integration



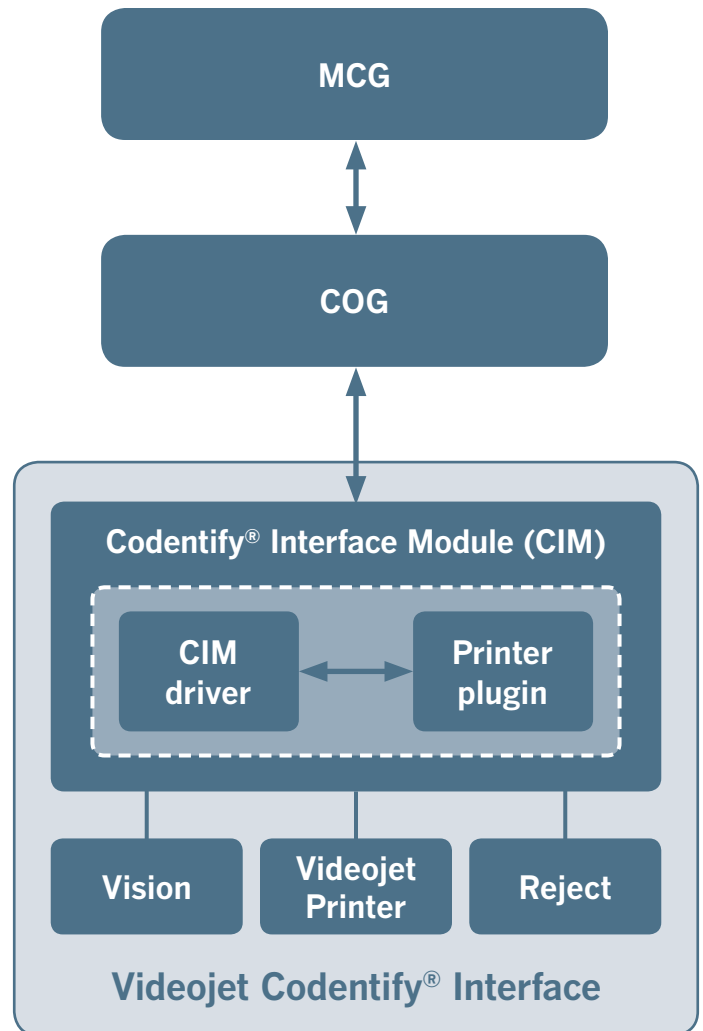
How it works on your line

The Videojet Codentify® Interface is a stand-alone module that connects the line printer with your plant's Codentify® Code Generator (COG), and provides all required hardware in a robust and self-contained industrial housing unit.

The additional connectivity for line controls such as I/O signals and line triggers, visions system cameras and a touch screen for direct access to the built-in PC is safely hosted in the unit, while the Codentify® Interface Module (CIM) controls communications to the line printer.

The CIM Template Editor allows for easy setup of templates that can contain static and dynamic data. The template files are called from the Manufacturing Center Gateway (MCG) and the dynamic variables are generated by the Codentify® Code Generator.

The CIM buffers the codes for printing and enables reporting back to the Codentify® Code Generator.



Advantages of using the Videojet Codentify® Interface



Using the Videojet Codentify® Interface offers many advantages compared to other solutions where the required hardware is embedded within the printer itself, including:

- Greater flexibility for device connectivity including I/O signals, touchscreen PC and printer hardware
- Less time needed to carry out updates and complexity is reduced as Codentify® related software (COG and CIM) and printer related firmware are independent
- Printer hardware changes and upgrades are supported and printers can be moved between lines (all drivers reside on the CIM, although only one drive can be active at a time)
- Clear physical and functional separation of the Codentify® related hard and software and the line printer, enables better control over the components and simplifies maintenance



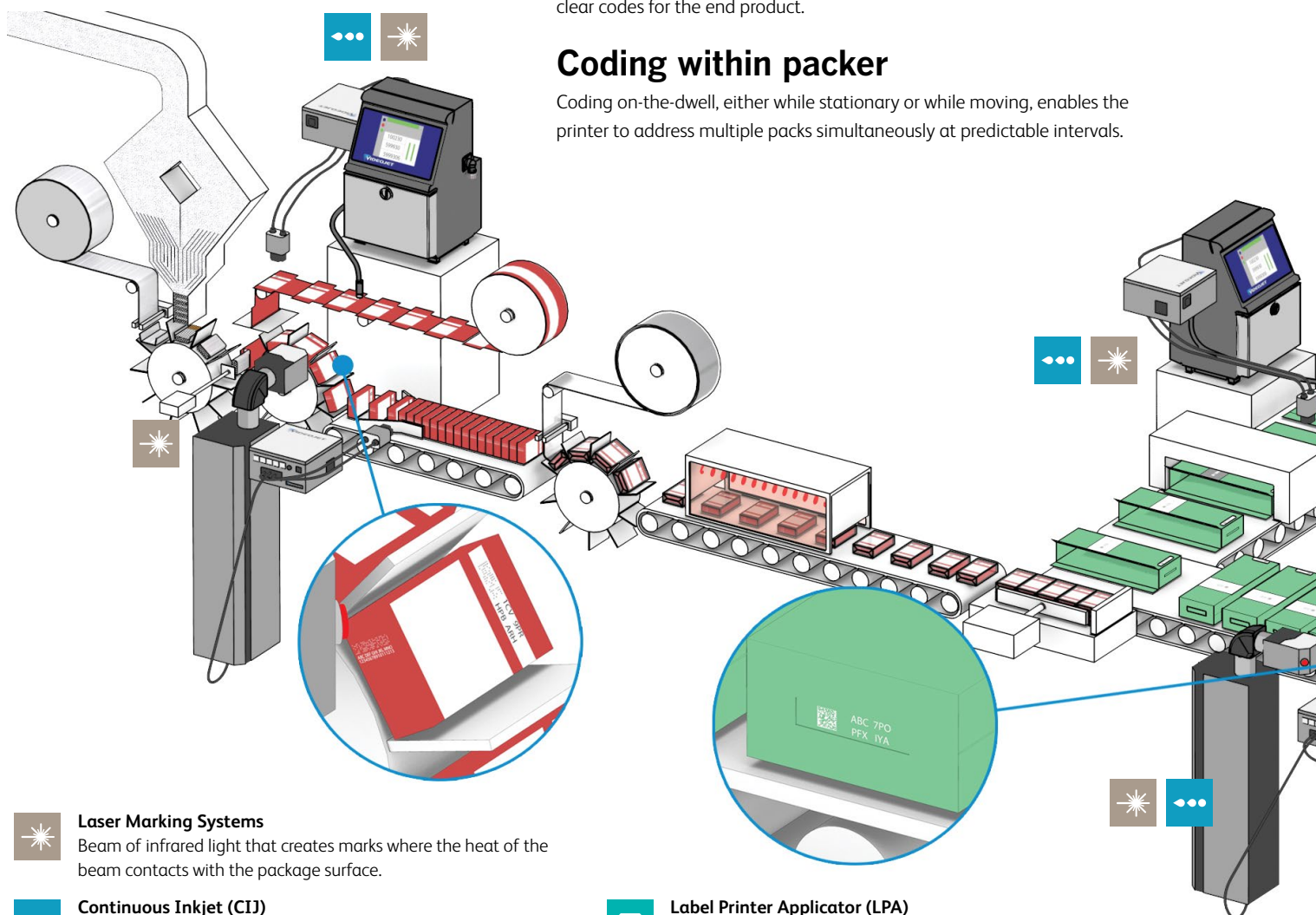
We partner with tobacco OEMs for professional and straightforward integration

Coding packs pre-filling.

Coding on hard packs as they leave the hopper, or on soft packs while on the web, maintains best substrate control and handling, ensuring crisp, clear codes for the end product.

Coding within packer

Coding on-the-dwell, either while stationary or while moving, enables the printer to address multiple packs simultaneously at predictable intervals.



Laser Marking Systems

Beam of infrared light that creates marks where the heat of the beam contacts with the package surface.



Continuous Inkjet (CIJ)

Ink-based printing of up to five lines of text and 2D bar codes on a variety of packaging types, including stationary packaging via traversing systems.



Label Printer Applicator (LPA)

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

Enhanced security against counterfeiting is possible by adding permanent unique pack identification using laser for 2D serialization.



Coding pre-cartoning

Coding on the bundles or the clear wrap ready for bundle application is similar to packs, offering predictable substrate for best print quality.

Coding within cartoner

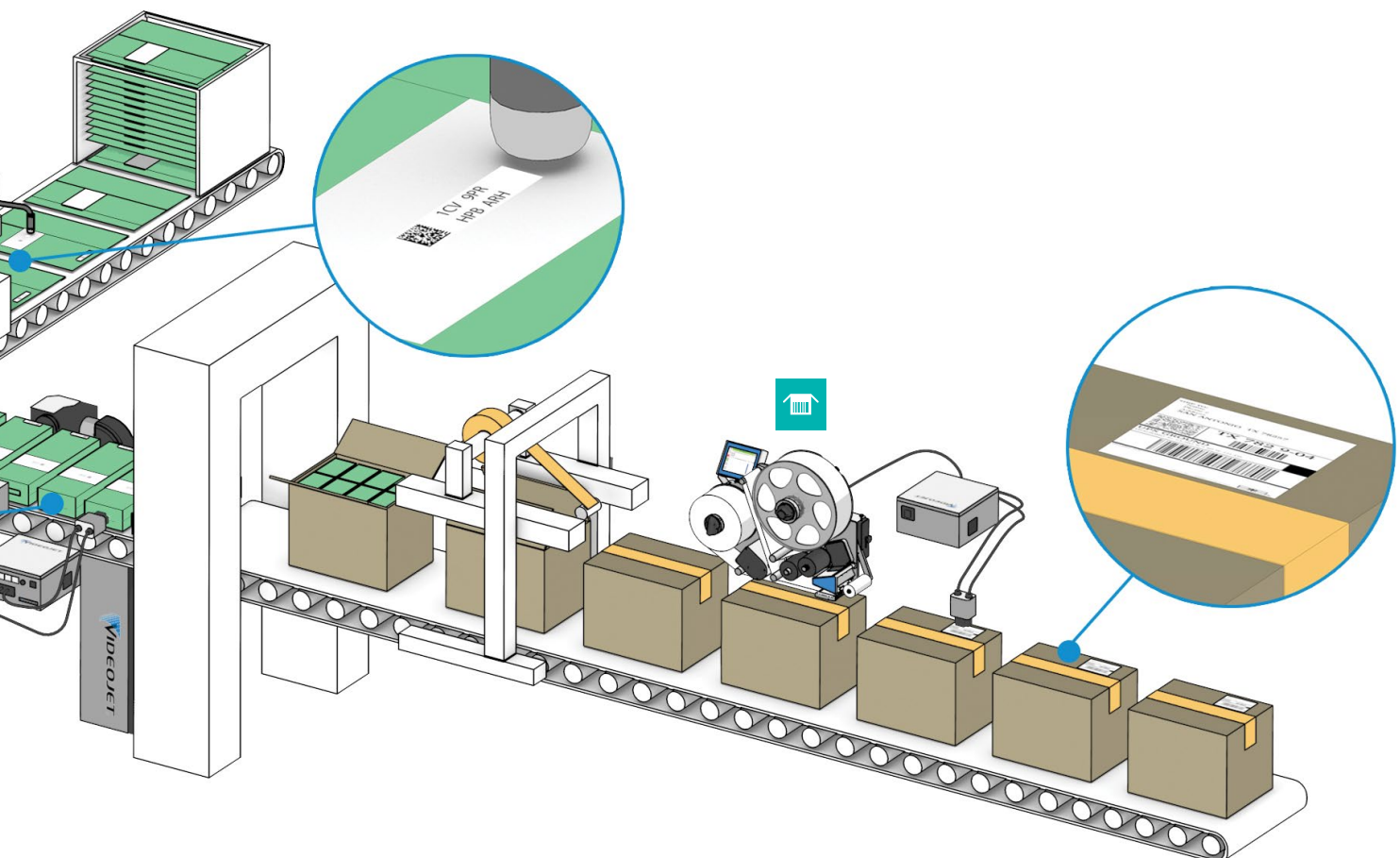
Our laser beam turning units fit into tight spaces of OEM cartoner equipment, minimising coder footprint

Coding cartons/bundles on conveyor

Similar to packs, coding on conveyors offers greatest footprint flexibility, but cartons may require a coder on both sides of the conveyor. Integration flexibility is enabled through a choice of inkjet, laser or labeler.

Master case coding

Track product through supply chain with high resolution bar codes and 2D codes

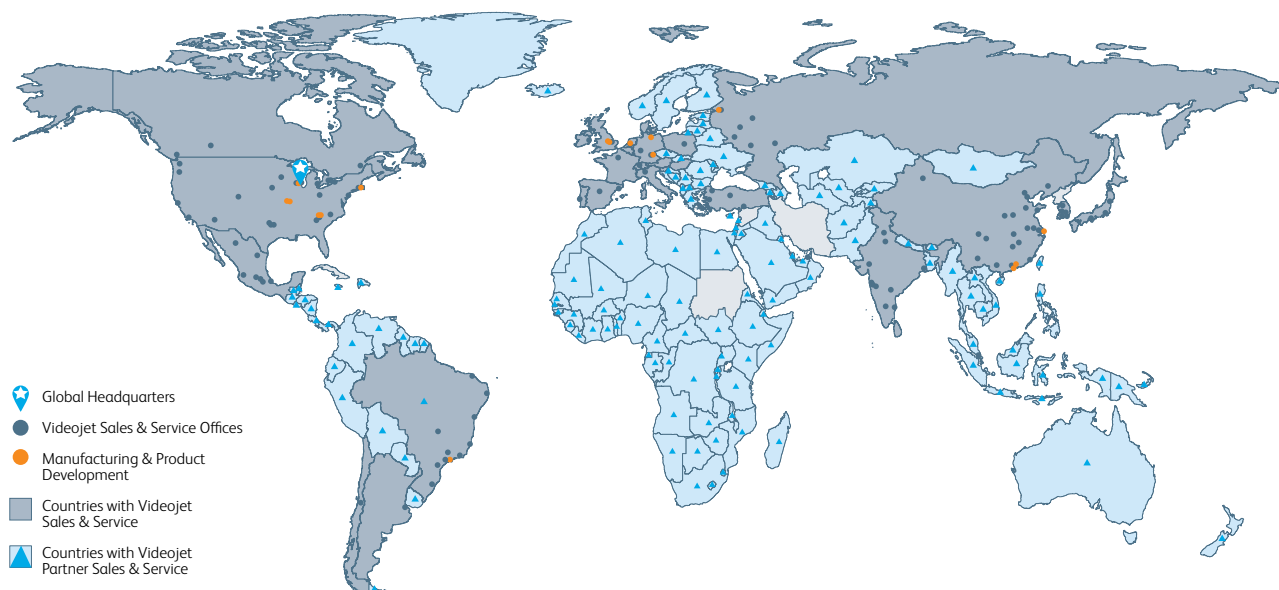


Peace of mind comes as standard

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

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 325,000 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 3,000 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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