Software

VideojetConnect™ CLARiSUITE

Simplifying template creation and print
job management

VIDEOJET®

Overcoming your daily print operation challenges...

Marketing/ brand manager

Engineer/IT/ quality manager

Experienced line/ plant manager

Not enough staff to support all equipment (capacity, capability, turnover)

Duplicative design and data-matching effort

Potential brand damage from recalls

Growing number of short-run marketing promotions

Poor line productivity and overall equipment effectivness due to under-performing equipment

Risk of human errors from print job setup process

Production downtime from unexpected printer stoppages and failures

Waste and scrapped products due to printing incorrect data or incorrect packaging materials

Returns and fines when codes are not compliant with customer or regulatory requirements

Mislabeling leading to inaccurate stock counts, supply chain inefficiency, and lost business

Waste time with repetitive manual tasks like copying data to be printed between systems and changing jobs on each printer

Error risks when managing multiple product layouts

With smarter job creation and management off the production floor, VideojetConnect™ CLARiSUITE helps ensure the right code is on the right product from line to line, increasing productivity, reducing costs, and protecting your brand.

VideojetConnect™
CLARiSUITE

VideojetConnect™ CLARiSUITE provides a complete solution for print job management with improved connectivity to data sources, and better monitoring and control of Videojet printers and auxiliary devices.

- Benefit from a template management database that stores all print jobs and associated code information

- Leverage the new UI to follow the status of all printers to be viewed and print jobs/data to be downloaded remotely and coordinated across multiple printers, accessible from anywhere within the plant network
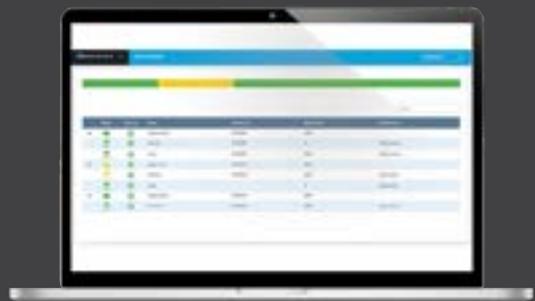
VideojetConnect™
CLARiSOFT

Connected to VideojetConnect™ CLARiSUITE, CLARiSOFT™ is an intuitive Windows® package coding design software that provides one standard design solution for all your Videojet coding operations, helping to ensure that consistent, accurate messages are efficiently applied to the correct packages.

- Get the most from the WYSIWYG design package for creating print job files

- Reduce human errors due to mis-keying

- Benefit from advanced capabilities:
  - Restricted date choice
  - Pre-configured list of options
  - Automatically created batch codes
  - Flexible GS1-compliant bar codes

Print job management with VideojetConnect™ CLARiSUITE

Message design for Videojet printers ✓

- Design text, logo, line, and bar code messages for all printer types in one environment
- Link messages to databases and automatically populate labels with the correct data

Plant-wide compliance ✓

- Centrally controlled template management

One-stop line control ✓

- Access all line controls from a single simple HMI regardless of equipment variability

Real-time line visibility ✓

- Access and view the status of all printers and lines and production throughput

Flexible job start ✓

- Select job either from an HMI, a hand scanner, or a printer interface
- Automatic job start from manufacturing or production control systems

Seamless job deployment ✓

- One-step line setup of multiple printers for optimal line performance
- Accurate data printed on every product, increasing production throughput and no operator errors

Uptime advantage by minimizing line setup time, starting multiple printers from a single location or bar code scanner. Real-time visibility identifies and resolves issues faster.

Code assurance reduces costly rework and errors by eliminating or reducing operator data input. Advanced code assurance rules and features automate data entry, avoiding incorrectly coded products leaving the factory.

Engineered specifically to help packaging professionals implement sustainable improvements to availability and quality, two factors that directly influence line overall equipment effectiveness.

Compliance with customer formats ✔

- Automatically invoke correct templates and data for each individual customer at every printing level

amazon
⊙ TARGET
Walmart ⁙
Save money. Live better.

Error-free message data ✔

- Minimize number of templates to manage
- Live data from database
- Accurate product data
- Consistent data across packaging levels

Code quality ✔

- Ensure all codes are present, readable, and have the correct data
- Fully automatic control of process line, ensuring only correct and readable codes progress to the next stage
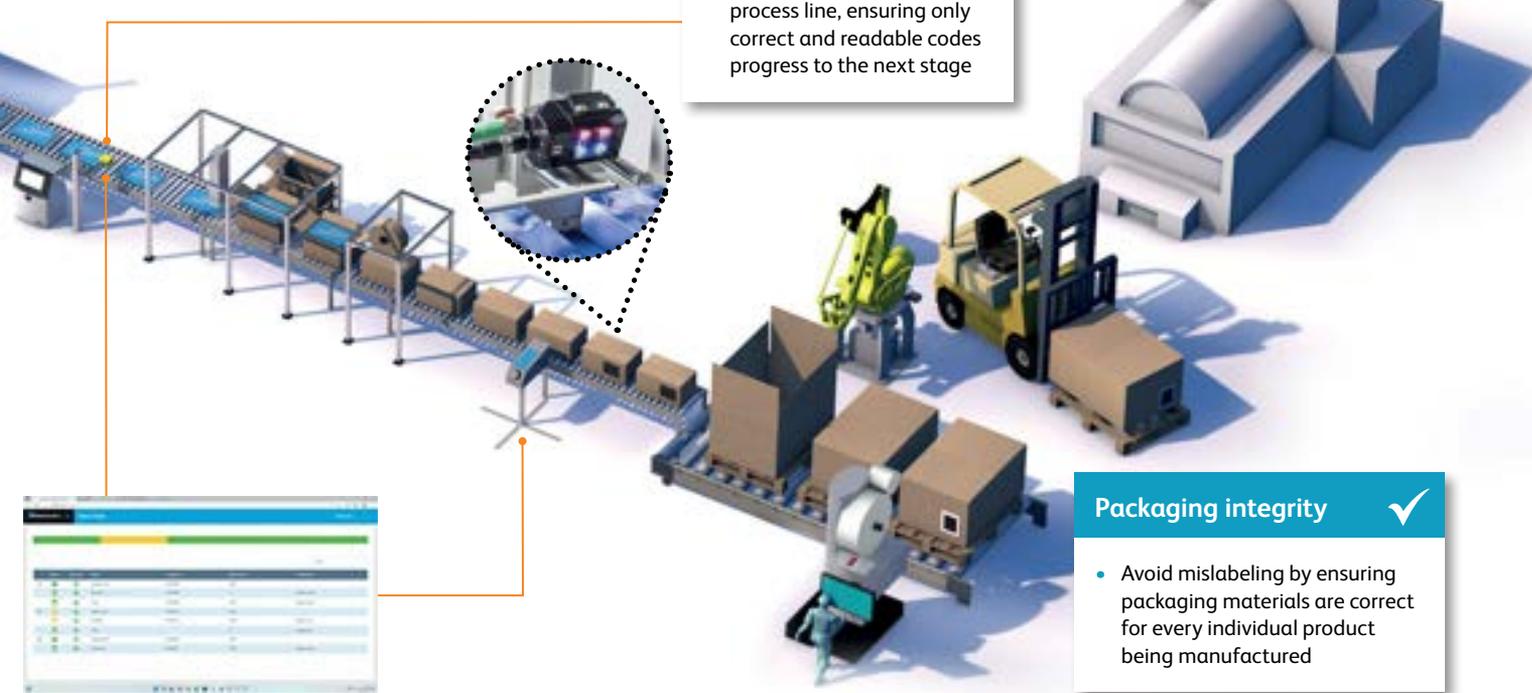
Packaging integrity ✔

- Avoid mislabeling by ensuring packaging materials are correct for every individual product being manufactured

Built-in productivity to avoid delays in starting production runs, by centrally storing job data. Code your products correctly the first time every time, making production throughput more profitable.

Simple usability from latest generation user-friendly interfaces and HMIs. Access multiple printers from a single screen and seamlessly integrate with existing workflows and leading manufacturing execution systems.

Key features and operating system requirements

Features for job initiation, code validation and data management

VideojetConnect™ CLARiSUITE
Print Management Software

Data source and job management
- Build an internal jobs table or connect to an external database to prevent data entry mistakes

Template design using powerful CLARiSOFT
- WYSIWYG template design to help ensure the print is exactly as designed. Centralizing template management helps ensure only the latest version can be used in the printers. No more transfer of templates by USB stick.

Job selection and start
- Use a scanner to select the job directly from the production order sheet
- Use an HMI on the line or from any location in the factory
- Use the Videojet printer touchscreen to select the job without needing any external HMI
- Print job preview – validate the job is correct before it is committed to the printer
- REST API to control and read printer status directly from your own application or MES

Code validation
- Support for a variety of vision devices: be secure in the knowledge that each code printed is human-readable and contains the correct information

Packaging validation
- Help ensure packaging compliance and detect errors by checking the packaging bar code online and on every product

User interface / HMI
- Web browser-based – access the control screen from any browser within the factory

Logging
- View and export Production, Activity, and Diagnostics logs to CSV for use in OEE calculations, quality, and production efficiency

VideojetConnect™ CLARiSOFT
Job Creation Software

- Powerful, easy-to-use, template design software to create print jobs as they will appear when printed
- Enhanced features such as multiple print images and merged fields
- Powerful GS1 Wizard to create bar codes
- Link any field to variable data from a database
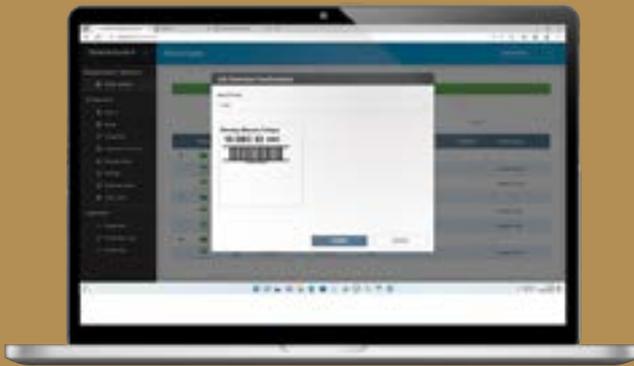
Job selection

Production log dashboard

VideojetConnect™ CLARiSUITE runs within a Windows® environment only
Remote Management Software

Below are the minimum requirements for the currently active Windows Operating Systems.

Windows 10 – 20H2 or higher (64-bit)
- **Processor:** 2 GB
  - Processor should also support CMPXCHG16b, PrefetchW, and LAHF/SAHF
- **RAM:** 2 GB
- **Disk Space:** 20 GB
- **Graphics Card:** Any DirectX 9 with WDDM
- **Network:** Gigabit (10/100/1000baseT) Ethernet adapter

Windows Server 2016 or higher (64-bit)
- **Processor:** 1.4Ghz 64-bit processor
  - Processor should also support CMPXCHG16b, PrefetchW, and LAHF/SAHF
- **RAM:** 2 GB
- **Disk Space:** 32 GB
- **Graphics Card:** Any DirectX 9 with WDDM
- **Network:** Gigabit (10/100/1000baseT) Ethernet adapter

IT Requirements | Windows Version Support

- CLARiSOFT is designed for use with Windows 8.1, Windows 10 (versions 1903 or later), Windows 11 (21H2 or later), Server 2008 R2, Server 2012 R2, Server 2016 and Server 2019.