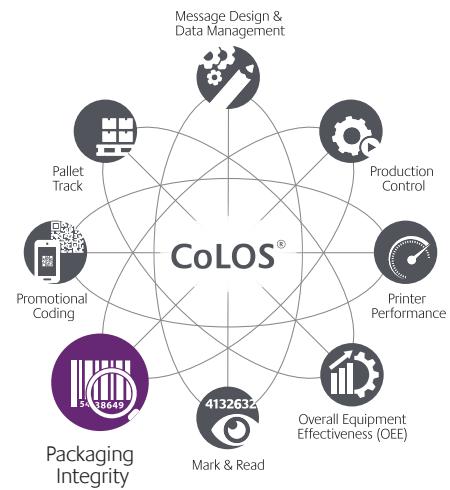


### CoLOS® Software Applications

Between manufacturing and selling your products, you have more important things to worry about than ensuring the right information is printed every time. You need accuracy and efficiency in your printing and coding so you can focus on producing high quality products.

CoLOS® Information Management System comes with a variety of applications that can help you reducing waste from coding and marking errors, increasing line efficiency and protecting brand value by ensuring printing compliance.

To ensure proper product distribution and compliance, **CoLOS® Packaging Integrity** helps you check that pre-printed packaging materials are correct for every individual product being manufactured.



## Correct packaging

### ■ Product verification

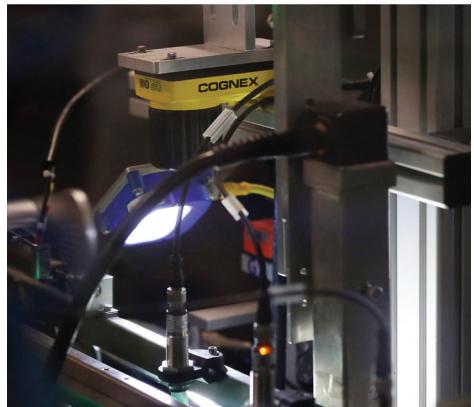
Automatic verification using the most appropriate identification devices ensure that the packaging material matches the product selected to run on the line.

### ■ 100% inspection

Each and every packaged product is checked during the production run and any individual faulty packs can be rejected or the line stopped if all packaging is wrong.

### ■ Data integrity

Links to company host information systems to ensure that the same formally approved data is used for both product coding and packaging verification.



Check for correct packaging material

## Efficient brand protection

### ■ Reduced scrap and rework

Stopping the production line as soon as incorrect packaging is detected will ensure that incorrect product will not build up, possibly only detected at the next manual inspection.

### ■ Efficient production

No impact on production rates and no need for frequent manual inspection routines to detect small numbers of wrongly loaded packaging.

### ■ Compliant products

Ensures that the packaging matches the production order eliminating allergen recalls for pre-printed ingredients not matching the product being packed.



Automates packaging inspection

# Packaging Integrity - Specifications

## Image and barcode design support

- Full Unicode support
- Text, paragraph, barcode, line/box and graphics fields
- Variable data fields in paragraph blocks
- Fixed information stored within message
- Supports all graphic types
- GS1 barcodes

## Compatibility

- Supports all Markem-Imaje printers connected to CoLOS, easily storing simple to complex messages then linking to internal and external databases.

## Interface available in the following languages

- English, Chinese, Dutch, French, German, Italian, Japanese, Portuguese, Spanish

## CoLOS® applications tailored to your needs and size

Part of the CoLOS family of applications which are available in different bundle sizes for all your printer, line and factory solutions. Our application modules come with information and automation interface add-ons to ensure seamless integration with your existing infrastructure.

	Fully-featured image design and data management	Line-level printing control and monitoring	Factory-level printing control and monitoring
	1 printer at a time	Up to 4 networked printers	Up to 99+ networked printers
<b>CoLOS®</b> Message Design & Data Management	●	●	●
<b>CoLOS®</b> Production Control		●	●
<b>CoLOS®</b> Printer Performance		○	○
<b>CoLOS®</b> Overall Equipment Effectiveness (OEE)		○	○
<b>CoLOS®</b> Mark & Read		○	○
<b>CoLOS®</b> Packaging Integrity		○	○
<b>CoLOS®</b> Promotional Coding		○	○
<b>CoLOS®</b> Pallet Track		○	○

○ = Optional

CoLOS V6 is for Windows 7 32/64bit, Windows 8.1 32/64bit, Windows 10 32/64bit, Server 2008/2012/2016

Minimum system requirements: 3GB RAM, Intel 2.6 GHz (multicore CPU preferred), 2GB free hard disk space Production UI Browser IE11/Firefox 68.0/Chrome 75.

We reserve the right to amend the design and/or specifications of our products without notice.  
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