markem·imaje
a DOVER company



CoLOS® Software & Solutions
Production Control



Production preparation and start-ups

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® Packaging Intelligence 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.

At production start-up, **CoLOS® Production Control** enables you to download complete production line jobs in one step from an easy-to-use operator interface or automatically from line control automation equipment.

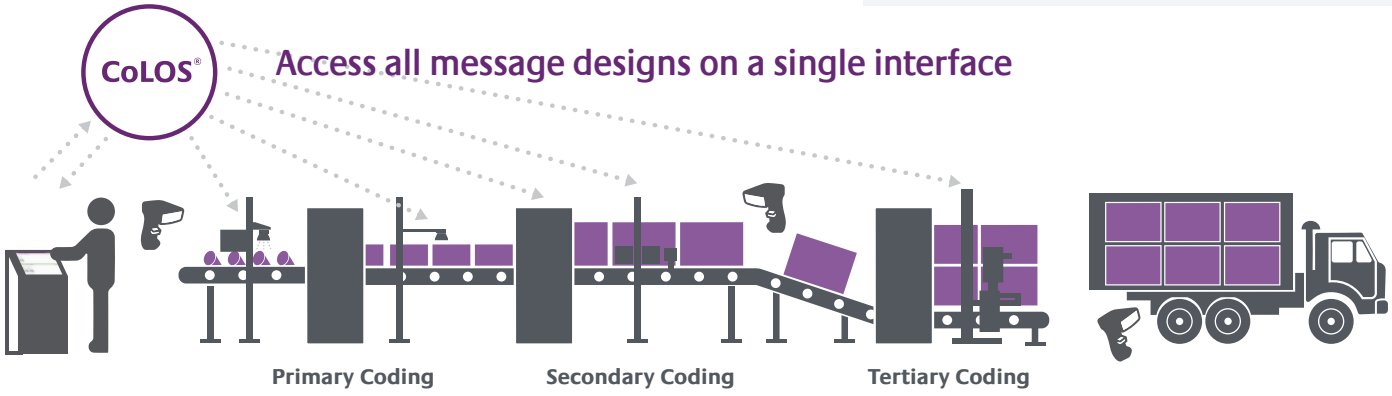
Advantages at a glance

Faster and easier start-ups

- **Setup all the printers automatically** on a production line with the correct message and label using back-office systems in one single operation.
- Access all message designs anytime from one **central repository** and ensure brand and layout consistency.
- **Ensure extended connectivity** by connecting to printers over Ethernet throughout the production facility and use terminals running **CoLOS® Operator Interface** wherever needed.

Fully integrated solutions

- Select one correct job each time avoiding **costly and time-consuming changeovers,** resulting in fewer mistakes.
- Use **industry standard interfaces** for connecting upstream and downstream equipment to have fully automated production change-overs and equipment. Host systems can trigger in new production a number of ways including networked files, Ethernet messages and OPC interfaces.
- **CoLOS® Production** user Interface can be easily run on **touch-screen industrial terminals** throughout the factory. Hand-held scanners can be connected to remove the problem of operators mistyping data.



Production Control

Key use cases

Automate Start-ups and changeovers: Operators can be overwhelmed with start-up checks, change-overs, entering correct messages to the printers and more resulting in in-efficient use of resources. Product control automates the entire line/factory from message deployment, to collecting inputs, printing messages and communicating back to ERP systems, enabling faster production and optimizing resources usage to achieve better efficiencies.

Eliminate mistyping errors: Manual entry of messages by operators on each printer can result in typing errors. Production control allows use of hand-held scanners to select the message for each printer to eliminate wastage due human mistyping errors and save cost.

Specifications

Features

- Simple-to-use guided user interface
- Printer message preview screens
- Factory-wide home status screen
- Data entry via drop-down list
- Segregate jobs by production line
- User-entry fields with data validation
- Touchscreen support
- On-screen keyboard
- Wedge barcode scanner data entry
- Optional Control Interfaces include file transfer, OPC and Ethernet messaging

Compatibility

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

License

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.

- The feature is available with **CoLOS® Line, CoLOS® Factory** and **CoLOS® Sites.**

Interface available in the following languages

- English, Czech, German, Turkish, Greek, Spanish, French, Hungarian, Romanian, Italian, Russian, Polish, Portuguese Brazilian, Japanese, Chinese, Korean, Arabic

CoLOS® V7 is for Windows 10 32/64bit, Windows 11 64 bit, Server 2012/2016/2019/2022 64 bit
Minimum system requirements: 3GB RAM, Intel 2.6 GHz (multicore CPU preferred), 5GB free hard disk space
Production UI Browser Firefox 120.0 and onwards/Chrome 110 and onwards /Edge 110 and onwards

We reserve the right to amend the design and/or specifications of our products without notice.
© 2026 Markem-Imaje, a Dover Company. MARKEM-IMAJE and the MI MARKEM-IMAJE Logo, and CoLOS are registered trademarks of Dover Europe Sárl in the United States, the European Union and various other countries. E1

markem·imaje
a DOVER company

9, rue Gaspard Monge - B.P. 110
26501 Bourg-lès-Valence Cedex France
+33 (0) 4 75 75 55 00
www.markem-imaje.com