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# CoLOS® Software & Solutions Design 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 reduce waste from coding and marking errors, increasing line efficiency, and protecting brand value by ensuring printing compliance.

At early production preparation stage, **CoLOS® Design Control** supports you by bringing control of the images to be used at various production sites.

## Advantages at a glance

### Reduces waste, drives efficiency

- The **CoLOS®** Design Control allows **configuration of user roles and approval workflows** based on specific needs. It facilitates enterprise wide distribution of approved image templates.
- Approved images are **tamper proof** to permit safe and secure transfer from central locations to local production sites.
- Events and actions occurring during the approval and production process are **logged for traceability**.

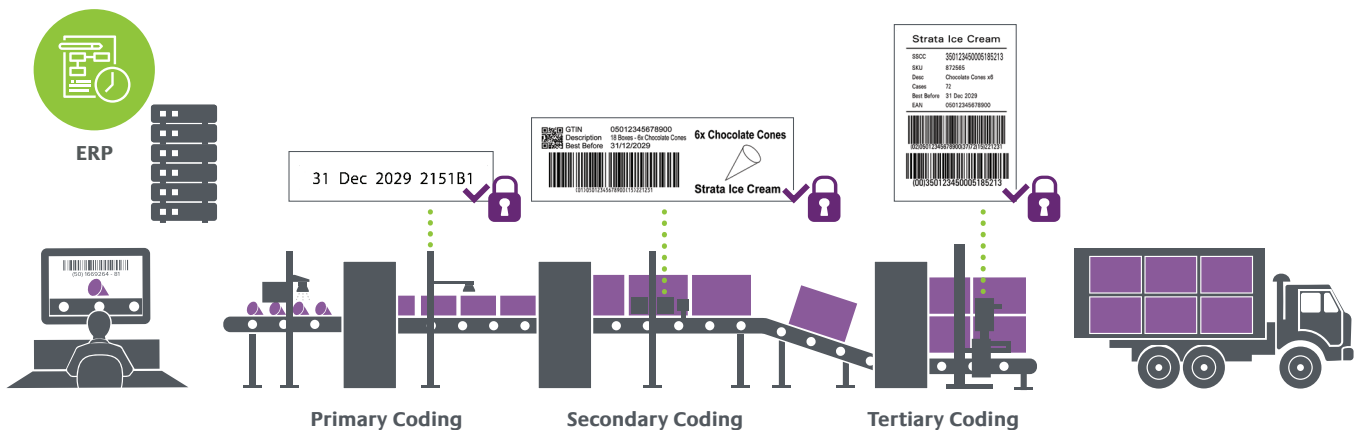
### Compliance, while connecting products and consumers

- Helps **compliance with regulatory needs** and branding strategies by ensuring that reviewers check and approve according to the layout specifications.
- Helps **reduce human errors** as only approved images will be allowed for production.

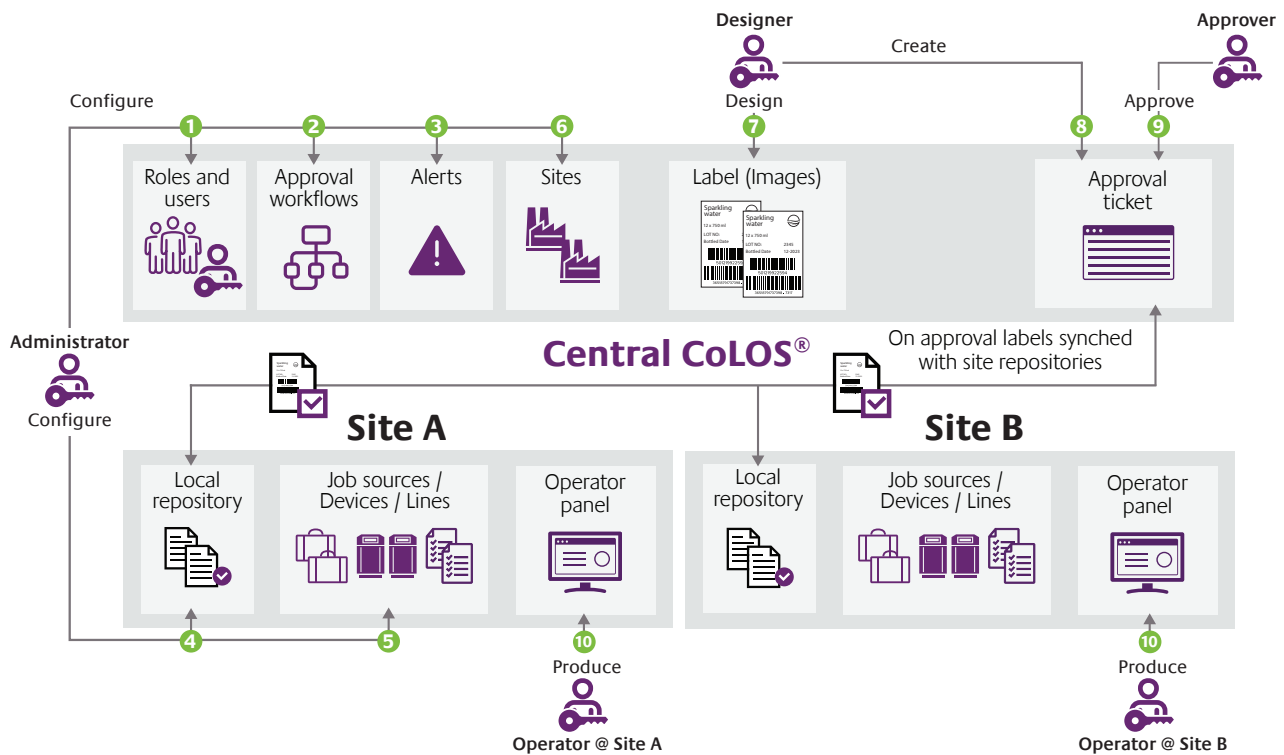
Message Design

Design Control & Data Management

Compliant Products



# Design Control



## Configurable approval process

- 1 User roles and users: Configure user roles according to need and based on approval process.
- 2 Approval workflows: Workflows having transitions and steps can be configured based on the approval process followed.
- 3 Alerts: Notification of any process change through Email and/or SMS.
- 4 Site repositories: File or ODBC repositories can be configured for each site to store approved images.
- 5 Devices, Lines and Job sources can be configured based on the needs of the respective sites.
- 6 Sites can be configured in the central system which will enable synchronization of approved images with repositories defined at the sites.

## Key use case



**Deploy approved messages:** Design Engineers ought to ensure that messages are approved and vetted from the right authorities to meet regulatory compliances. Design control allows to them to define users, create approval workflows and alerts to ensure only approved designs are deployed on the production line to eliminate human errors due to wrong message design.

## Specifications

### 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, French, German, Spanish, Italian, Arabic, Polish, Korean, Czech, Greek, Hungarian, Russian, Romanian, Turkish, Chinese, Japanese, and Portuguese

CoLOS® V6 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

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## Approval and transfer to production sites

- 7 Image design: Using CoLOS® Image Designer, designers can design the images as per need. Production: Site operators can only select approved images for production.
- 8 Approval ticket: Designer initiates the approval process by creating an "Approval ticket".
- 9 Approval process: Tickets move according to the steps in the workflow associated with the ticket. Dashboard view for improved visibility. Approved images transferred to sites manually or automatically by synchronizing central repository with site-based ones. All versions, events and actions are logged.

## Production

- 10 Site operators can only select approved images for production.

## 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.

- This is an optional feature with **CoLOS® Line** and **CoLOS® Factory**.



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