



markem·imaje

a DOVER company



# CoLOS<sup>®</sup> Software & Solutions High Availability



## Always-on production

In today's fast-paced manufacturing world, your focus should be on quality, not worrying about printing errors or production inefficiencies. Centralize your production printing for standardized high-quality output. **CoLOS<sup>®</sup>** Packaging Intelligence Suite helps you manage messages, data, integration and production line for multiple sites/factories from a central location to achieve consistency, reduce waste due to siloed coding errors, increase line efficiency, protect brand value and ensure compliance.

In case of production server failure or during maintenance, **CoLOS<sup>®</sup> High Availability** ensures that the production is up running as per the demand of the facility by switching connections to a back-up server automatically without affecting the production line.

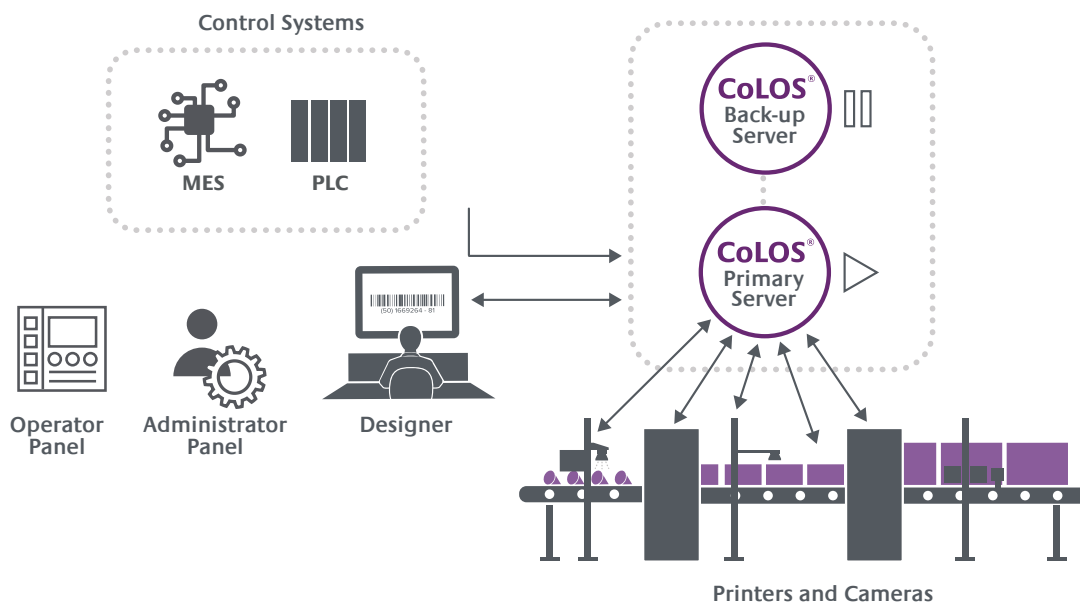
## Advantages at a glance

### Minimized Downtime

- **Reduce losses** due to any unexpected **CoLOS<sup>®</sup>** software failure or during maintenance like OS patching.
- **Meet production demand** and the lead times as High Availability would help to maintain planned production uptime.
- Automated switching helps **production continuity** with data consistency and eliminates the need for any reconfigurations or restarts of production.

### Business Continuity

- **Seamlessly integrates** the production line with IT and OT systems such as PLC, MES etc. ensuring continued packaging operations.
- Automatic failover **enables quick switching to a backup server**, ensuring printers on the production line remains operational.



# High Availability

## Key use cases



**Unexpected Server/Service Failure:** Unexpected server or service failures threaten production continuity. High availability solutions automatically switch to backup servers, ensuring reduced downtime and uninterrupted production. This enables businesses to maintain continuity, minimize losses, and ensure seamless operations despite technical issues.



**Scheduled Maintenance:** Scheduled maintenance can halt production, impacting business operations. High availability solutions automatically switch to backup servers, ensuring continuous production and minimizing downtime. This enables businesses to maintain continuity, reduce losses, and perform maintenance without disrupting operations.

## Specifications

### Features

- Full Unicode support
- Text, paragraph, barcode, line/box, table and graphics fields
- Variable data fields in paragraph blocks
- Fixed information stored within message
- Supports all most used graphic types such as png, jpg, bmp, pcx, Tiff, Gif, and svg
- Supports unique coding from text files or database
- Support dynamic data input from ERP/ODBC types such as MS Access, MS SQL server and more
- GS1 barcodes
- Printer-specific fields supported
- WYSIWYG image design
- 3 levels of user security access: Open, controlled and audited

### Compatibility

- Supports all Markem-Imaje printers with remote connections, easily storing simple to complex messages.

### 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.

### 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 ,Windows 11, Server 2016/2019/2022/2025

Minimum system requirements: 8GB RAM, Intel 2.6 GHz (multicore CPU preferred), 64GB free hard disk space

Production UI Browser Firefox 148.0 and onwards/Chrome 145.0 and onwards / Edge 145.0 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 Sàrl in the United States, the European Union and various other countries. Photos: Envato - A1



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](http://www.markem-imaje.com)