Automated, Centralized, and Adaptable Marking and Coding Platform

From easy message creation to marking automation, MPERIA gives you seamless integration with your backend business systems (as well as PLCs) and reliable operation day in and day out. Connect third-party printers or vision systems for traceability without hassle. MPERIA is as simple or as sophisticated as you need.

Maximize the efficiency of your production line marking with the industry’s true universal controller

+ Simplify operations with an easy-to-use touch screen controller
+ Improve your productivity
+ Reduce human error and costly waste
+ Future-proof your technology investment

Whether operating a single printer on a single production line or multiple systems across many lines, the MPERIA controller delivers easy-to-use marking and coding that can truly do it all. From initial message creation to managing messages across product changeovers in primary, secondary, and tertiary packaging, MPERIA streamlines your processes. Reduce complexity by eliminating the need for middleware and third-party software while achieving next-level productivity with MPERIA controllers.
Track and Trace Made Easy
Integrating the correct marking technology into your company’s traceability program, including Produce Traceability Initiatives (PTIs), doesn’t have to be complicated or cost a fortune. Our solutions help you easily enable consumer validation, providing brand verification and comprehensive brand management of serialized products through a broad range of smart consumer and industrial technologies. Batch, lot, 2D codes, barcodes, and more are efficiently managed in both marking and validation. Matthews’ MPERIA® solutions are traceability-ready, simplifying integration, generating product IDs and storage for identification at manufacturing, transport, distribution, and retail locations.

Barcode/2D Validation with MPERIA
Ensure your coding quality is consistent and optimized for your customers with the MPERIA platform. Unlike other automation platforms, barcode validation software with MPERIA provides seamless integration of cameras and vision systems without the need for control devices like PLCs, PCs, or encoders, and third-party integrators. This allows you to easily automate code quality validation and identify suspect codes when quality begins to diminish because of corrugated dust, glue, or poor material handling.

Enterprise Integration
Enterprise system integration is the process of connecting coding and marking equipment to an existing enterprise system, such as an ERP or MES. This allows users to update messaging on multiple lines from a single location. It also reduces production line downtime and associated costs for lost productivity. Line efficiency increases and more of your products get shipped.

MPERIA’s integration with your enterprise system is elegantly simple while incredibly powerful. Utilizing your existing network infrastructure and a feature known as netFolder, MPERIA synchronizes layouts and variable data with your marking technology and enterprise system. This means you can update messaging to all printheads, no specialized server or hardware needed.