

NEW

Coding & Marking Solutions

Software Solutions



Hitachi Software Solution for »End-To-End«

Hitachi's end-to-end solution brings better coding, marking and labelling accuracy and faster production times to shop floor operations. Less reliance on skilled manual processes means fewer wasted hours and a reduced risk of errors that could have a health impact on consumers and a financial and reputational impact on the business.

Challenge

Across factories, companies code, mark and label huge number of products each day. With frequent work order changes, a lot of manual effort is required to ensure the correct data goes on the correct produced unit.

Any company's challenge is to code its products efficiently and accurately, to reduce the risks of human error and the costs associated with incorrect coding.

Any mistakes in manual print process management, can lead to a variety of problems: a company might be responsible for creating products marked with badly positioned, old or otherwise inaccurate data.

Errors in coding, marking and labelling can lead to major issues like product recalls, expensive lawsuits, brand damage and the loss of future business.

Solution

The first step is for Hitachi's expert engineering team to meet with a manufacturer's project team to discuss and assess the current situation of their operations. Hitachi will then propose solutions based on years of experience gained in many similar projects. The final outcome will be a hybrid solution of industry best practice and customized solutions for each manufacturer's specific operational requirements.

Result

Standalone devices are moved to a fully Factory 4.0 compliant, integrated platform. As a result companies are able to mitigate most of the risks in their manufacturing operations. Final outcome is increased revenue/profit, happy workers and happy customers.

„**Before we started work with the Hitachi** engineering team, we were using, what we know now, was legacy approach of using primary marking devices as a stand alone devices.

The Hitachi team explained to us about the options and we agreed to try something new. Today our workers don't design messages on each printer separately and they don't enter production data manually on the production line.“

„With this solution we are able to initialize printers on production line as part of MES initialization, which **greatly simplifies the complete process** and mitigates the risks of wrong identification of the products.“

„**Final result is happier workers, less mistakes and higher production throughput.**“

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Ease of use

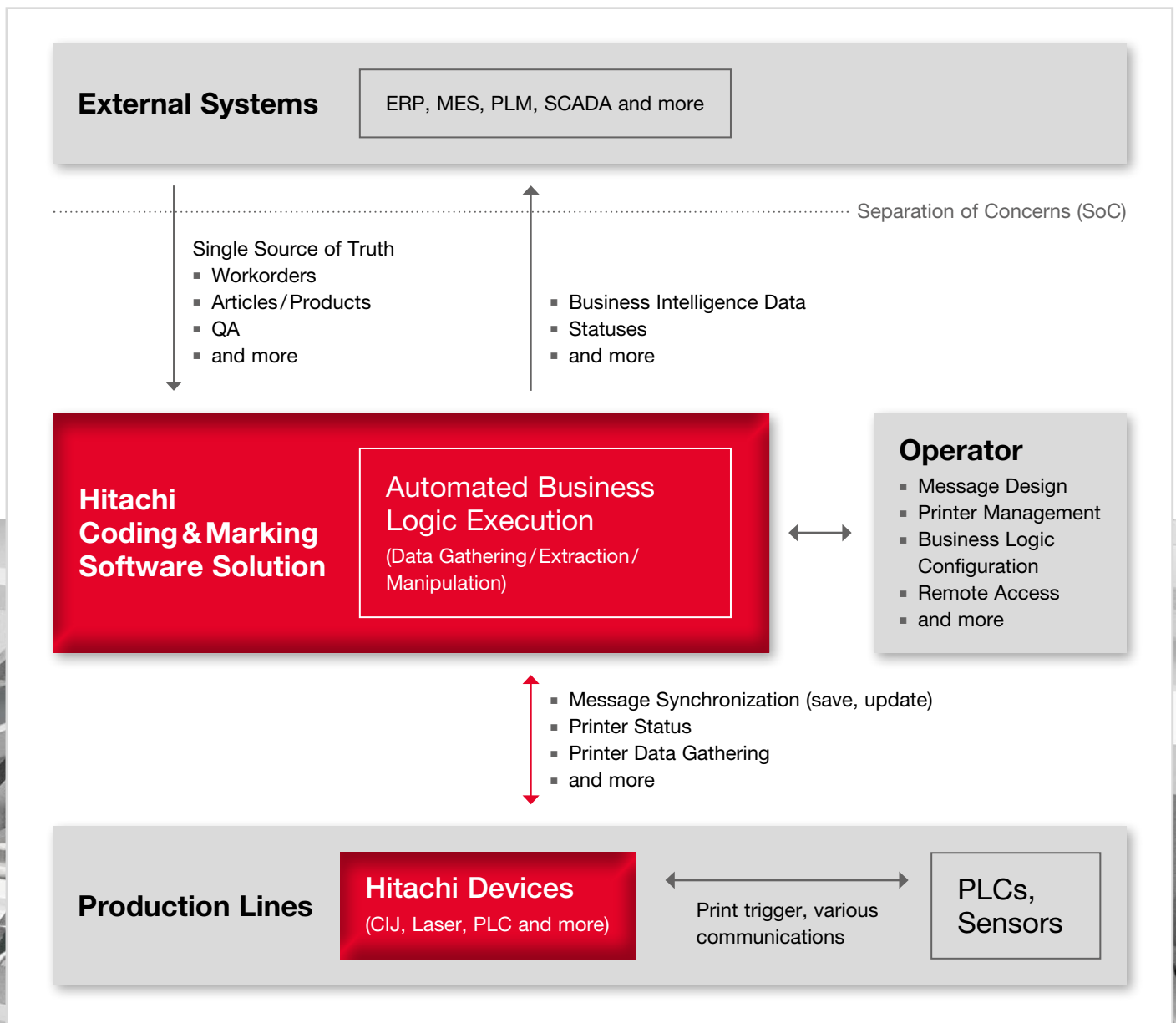
Best-in-industry message/label designer offering modern, intuitive UI. Works with many device types and multiple data sources. All user facing components of solutions are built for maximum user friendliness and high performance user experience.

Workflow compatibility

Configurable integration and application modules allow support for connecting with most ERP, MES, PLM and other third-party systems. Data can be extracted and manipulated, allowing for flexible business logic implementation.

Optimisation of business

Businesses don't have the time or expertise to apply technical optimisations to their processes. Through a holistic approach to processes, our team of experts helps companies streamline their operations.



Head Office

Japan

Hitachi Industrial Equipment Systems Co., Ltd.
Phone: +81 3 4345 6000
www.hitachi-ies.co.jp
info@hitachicoding.com

Sales Offices

America

Hitachi America, Ltd.
Phone: +1 866 583 0048
www.hitachi-america.us/ijp
InkJet-printers@hal.hitachi.com

Asia

Hitachi Asia Ltd.
Phone: +65 6305 7400
www.hitachi.com.sg/ice

China

Hitachi Industrial Equipment Systems (China) Co., Ltd.
Phone: +86 21 5489 2378
www.hitachi-iec.cn

Europe

Hitachi Europe GmbH
Phone: +49 211 5283 0
www.hitachi-industrial.eu
info@hitachicoding.com

Oceania

Hitachi Australia Pty Ltd.
Phone: +61 2 9888 4100
www.hitachi.com.au/products

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