

HITACHI
Inspire the Next

NEW

Coding & Marking Solutions

Software Solutions



Hitachi End-To-End Coding, Marking and Labeling Solutions

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 orders changes, a lot of manual effort is required to ensure the right data goes on the right produced unit. 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, would lead to a problem: the 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

Hitachi's expert engineering team will meet with customer project Team to discuss and assess the current situation of their operations. Hitachi will then prepare solution based on years of experience gained in many similar projects which will be merged with customer's specific operation and requirements. This will provide customer with hybrid solution of industry best practice and customized solutions for their own operations.

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 to work with Hitachi** engineering team, we were using, what we know now, was legacy approach of using primary marking devices as a stand alone devices. 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 seperately 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.**“

Ease of use

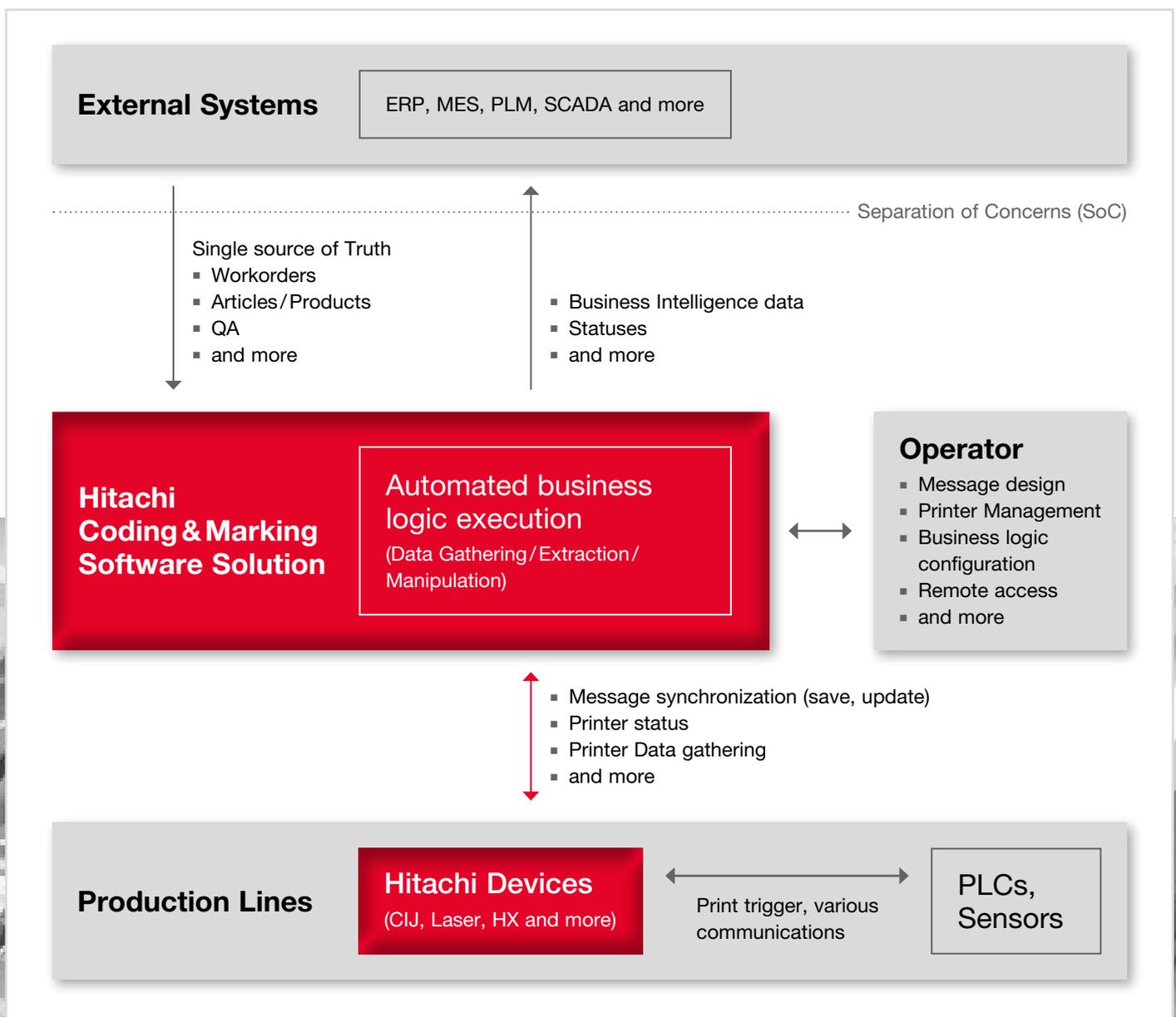
Best-in-industry message/label designer offering modern, intuitive UI. Works with many device types and multiple data sources. All user facing components of solutions are built for maximum user friendly and high performing experience.

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, Hitachi Team of experts helps companies streamline their operations.



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