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automation

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CCCL

Complete control of
Coil Continuous Coating Lines

20
1988 - 2008

Turn-Key control for Coil Continuous Coating Line

Complete automation systems for brand-new plants or electrical modernization of existing systems, with the supply or replacement of power switchboard, control desks, regulation & supervision software and field wirings.

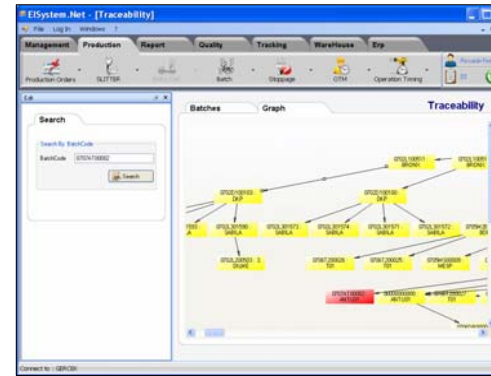
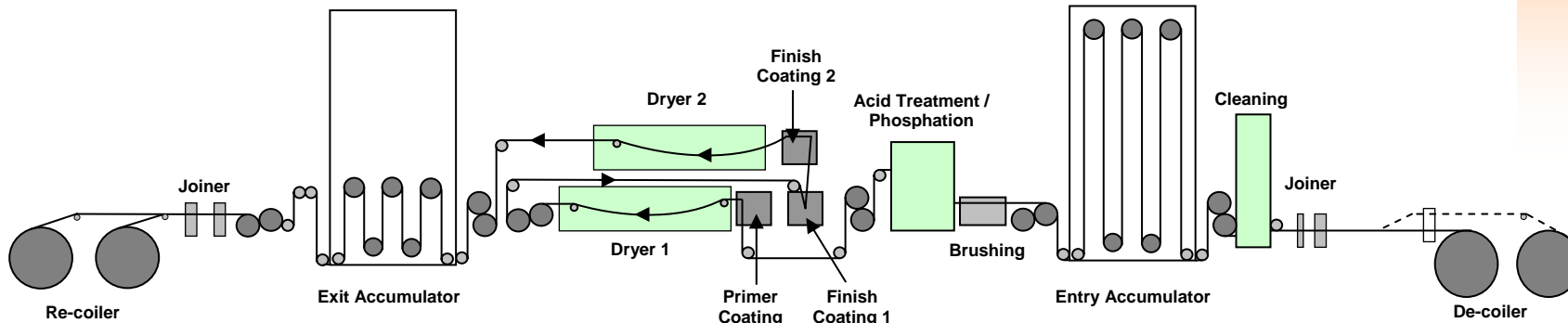


Utilization of primary brands **hardware components** available on the market and selected in accordance with the User's country standards.

Realization of state-of-the-art **PLC software** to control the plant process with the use of customized algorithms. Design of PLC software to manage sequences and cycles tailored on the User habits to fully meet the Customer needs.

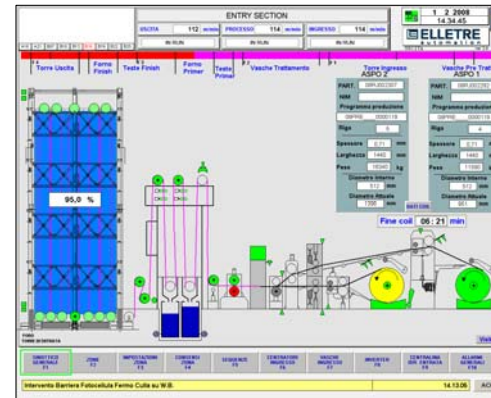
Implementation of PC-based **HMI software** to interface the Operators and to supervise the entire plant.

Field Wiring structured with concentration into PLC remote I/O units.



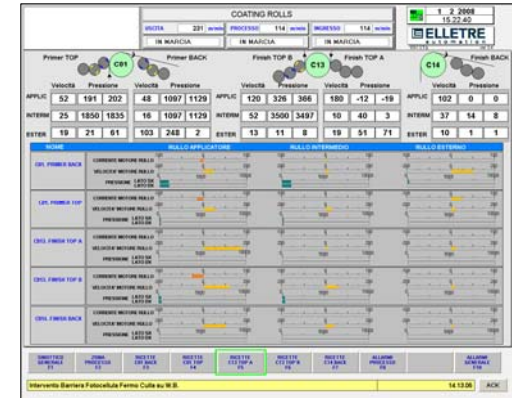
LEVEL 2

Human Machine Interface with customized mimic diagrams and guided trouble-shooting of the entire plant failures.



LEVEL 3

MES - Direct connection with ERP - Enterprise Resource Planning system to extract production orders and to send production reports.



LEVEL 1

Automation with digital control (master reference, servodiagrams, PID, etc.) with process parameters regulations.

FDA

Fast data acquisition system with events recording for the historical analysis and statistics.

