

Industry solutions

Process automation

Optimal control with high-reliability systems

High-speed Control Systems for Metal Plants

Enabling stable operations of the processing on bar steel rolling lines by using optimal monitoring and control of electrical equipment.

Our solutions provide optimal systems based on the standard packages for iron and steel plants and non-ferrous metal plants that Fuji Electric has developed with expertise cultivated over many years.

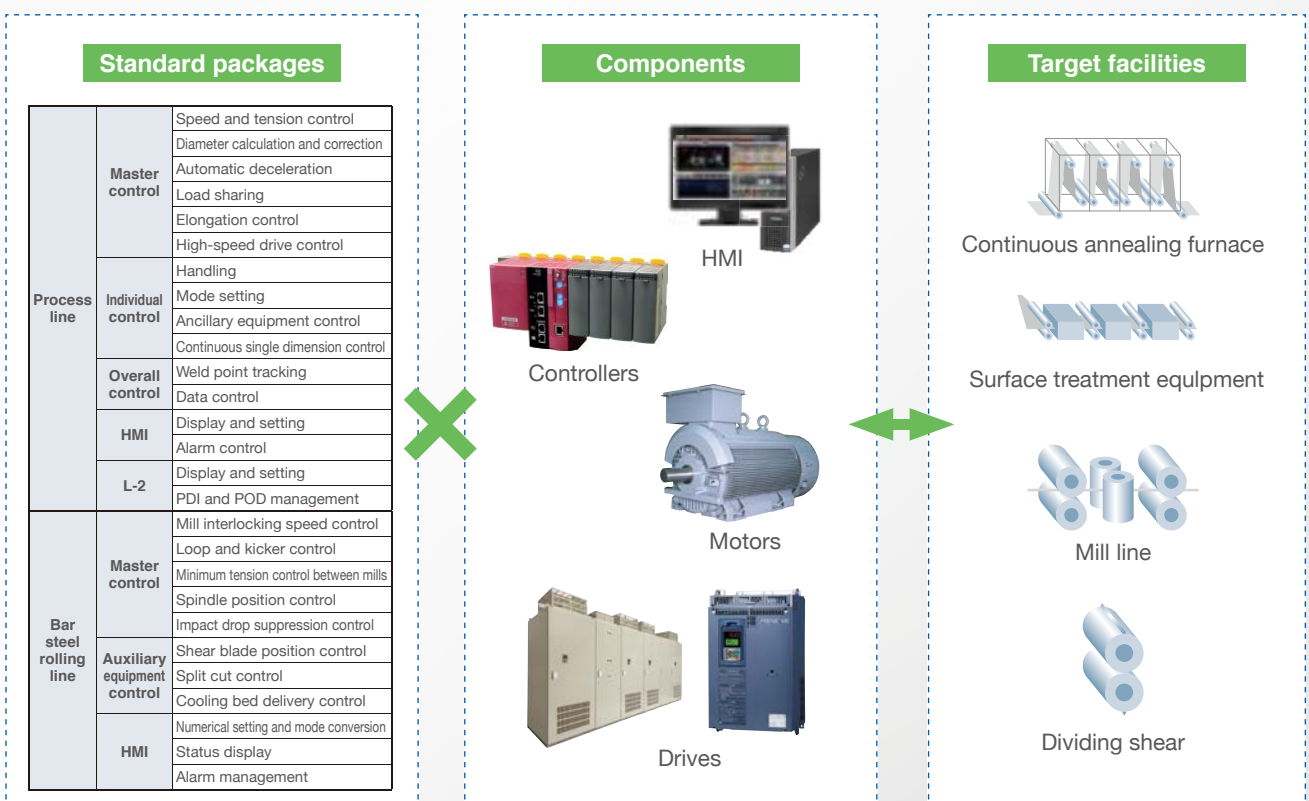
【Benefits】

- ✓ Introduction of highly reliable electrical equipment
- ✓ Coexistence with high-speed control and monitoring control
- ✓ Reduction of specific energy consumption through efficient usage
- ✓ Stable operation and reduced maintenance



【System features】

- Standard packages for metal plants can be combined with components according to the target facility.



【Functional overview】

■ High-speed drive control packages (Drive Master Controller (DMC))

Various standard-equipped control functions for high-speed control of drive units to provide stable operation and maintenance.

■ Individual control packages

Optimal control with minimum workload and cost by combining standard packages according to equipment requirements.

■ System construction including computers (L-2)

Computer packages for operation management, and data collection packages that can analyze operation status on time axis or product axis are also available.

【Introduction example】

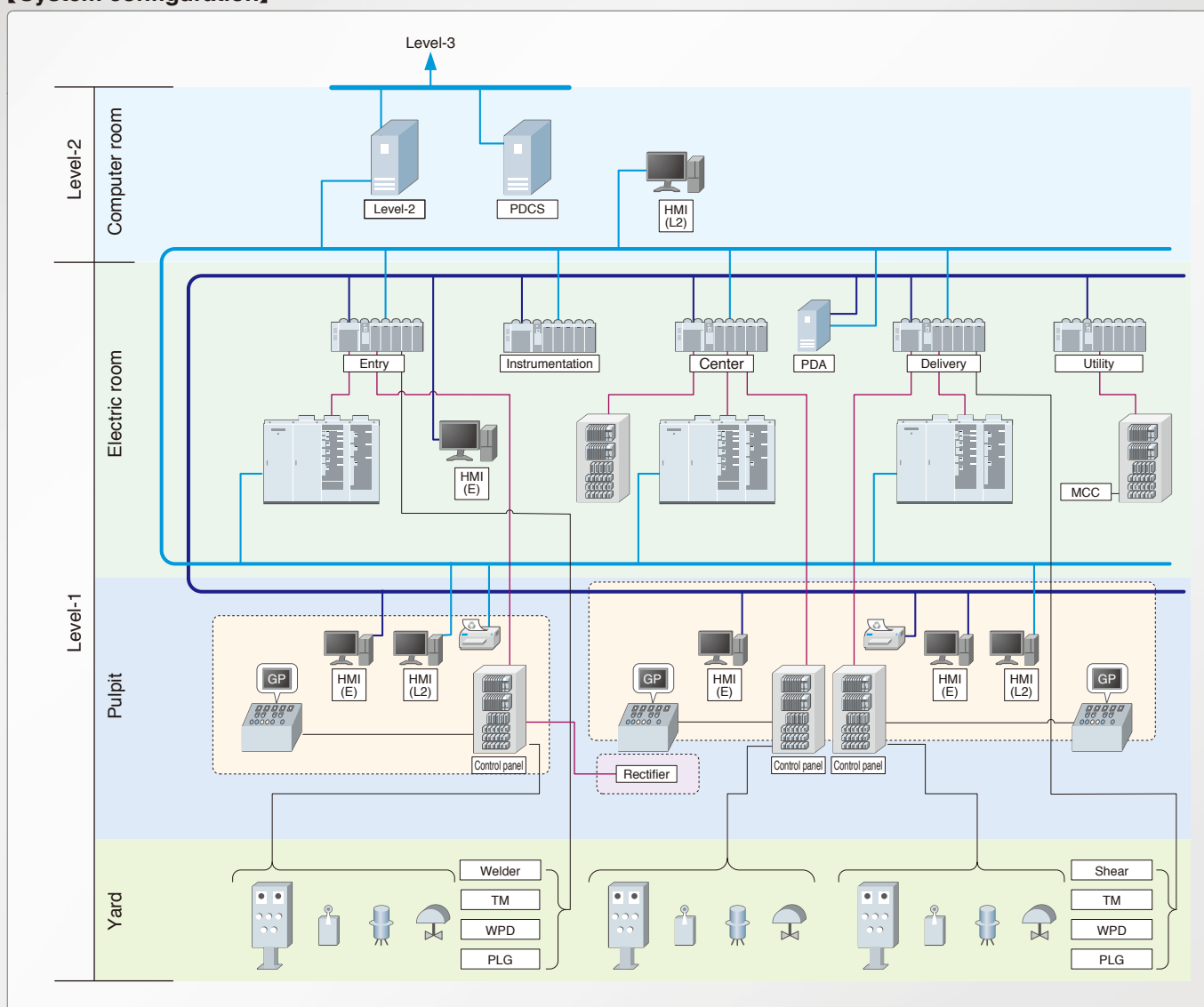
■ Continuous hot-dip galvanizing line

■ Aluminum surface treatment line

■ Continuous surface treatment line

■ Continuous annealing line

【System configuration】



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