Smart realization of the Net Zero Factory

Carbon-neutral resource structuring to increase effectiveness

To implement long-term, sustainable climate strategies, all areas of a manufacturing company must be considered. To reduce, optimize, and balance resource outlay, it is necessary to record the utility consumption of the individual workstations, the installed sensors, and the complete systems both locally and globally.



Condition-based utility metering



Effective metering of electrical power



Rapid integration of utility skids



Optimized machine integration

Phoenix Contact provides a generic ready-to-use system for implementing sustainable processes in brownfield systems rapidly and effectively. The solutions have already been implemented successfully in the company's own electronics production facility, the PLCnext Factory.

Your advantages

- ☑ Scalable global cloud-based analysis of all liquid, gas, and electrical resources, such as energy sources, in a production facility with Proficloud.io
- ☑ Rapid and standardized integration into any production facility, in parallel to the production process and its infrastructure thanks to individual control cabinet solutions
- ☑ Future-oriented realization in the IEC 62443-certified PLCnext Technology ecosystem and in the neural networks of MLnext for machine learning in your processes



DIGITAL FACTORY now

Phoenix Contact provides a comprehensive portfolio of scalable products, solutions, and services for saving greenhouse gases and for increasing the overall system effectiveness in your Digital Factory. Contact us now:

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More information:

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