How data collection and analysis impact ice cream production

Advancements in industrial manufacturing are progressively shifting towards a service-centric approach, as opposed to a traditional product-centric model. This shift is underscored by the enhanced capacity to efficiently collect, organize, and analyse production data, yielding substantial benefits for both operators and manufacturers of these machines. Similarly, in the artisanal domain, the adeptness in data reprocessing and utilization stands as a key competitive differentiator.

Technology: X Platform

The IIoT platform for industrial automation. A practical application example:

Hardware HMI - Exor eX707

A state-of-the-art control panel. Thanks to its computing power, it can collect and analyse data directly at the edge through the JMobile project. The display is organized into customized Dashboards.

Applicazioni CLOUD - CORVINA:

The CORVINA platform connects to the EXOR HMI, transferring data directly to the machinery. This bidirectional connection offers several advantages:

1. **Production Recipes**: cloud repository to maintain and organize all production instructions, optimizing them;
2. **Calculation of kW/kg consumption of ice cream produced**: reducing the ecological impact of the machinery and consequently increasing energy sustainability;
3. **Real-time monitoring** of machinery, even remotely;
4. **Optimized technical support**: Remote assistance can be implemented thanks to the network connection of the machinery. It allows technicians to connect remotely for troubleshooting, diagnostics, and modifications to the program installed on the machinery;
5. **Production conclusive reports**: Collecting historicized production and consumption data, to provide insights and speculations on future production.

Your Challenge,
Your Solution,
Our Technology

Keep in touch!

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