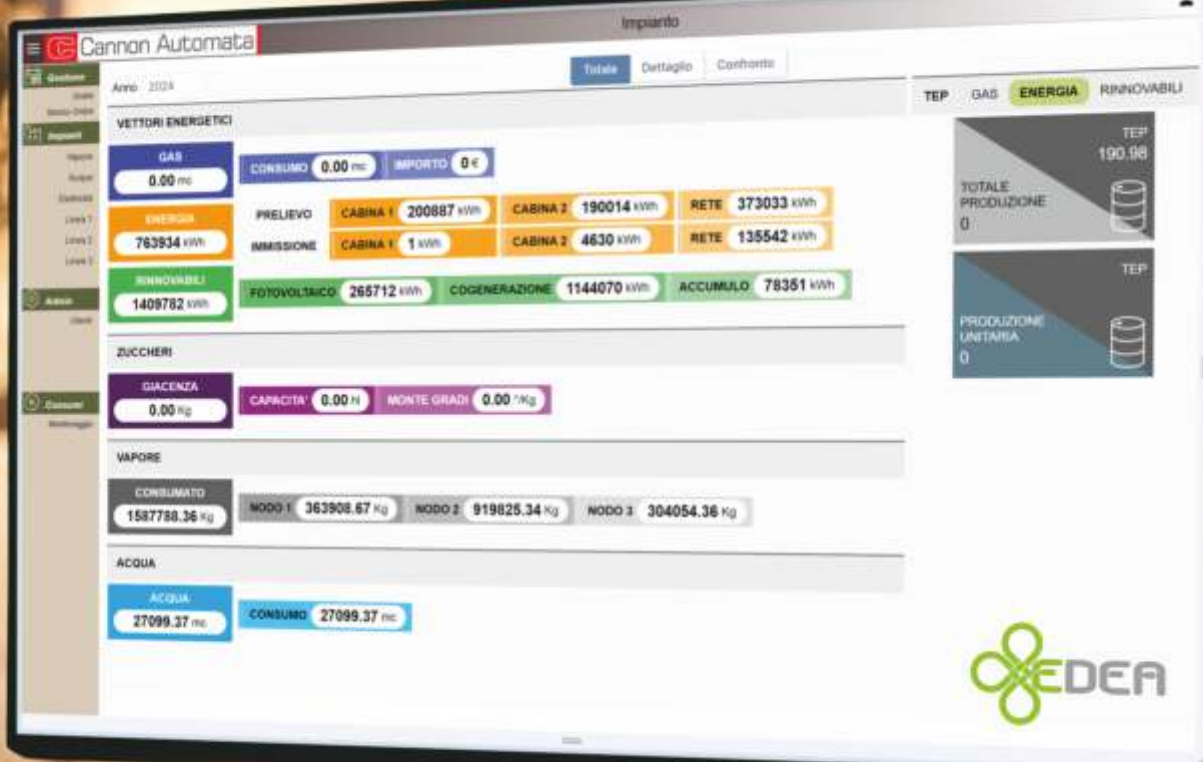




EDEA
Energy monitoring





The importance of energy monitoring

A system's proper functioning is closely linked to its various vectors.

Energy sources, air and emissions are basic necessary components for production and the correct operation of a plant's general and auxiliary services.

Our monitoring systems are the ideal answer for those who want to view industrial consumption and its trends, and acquire awareness of processes and machinery. They are advanced solutions, capable of controlling consumption within the company, identifying anomalies in real time with the aim of designing a targeted continuous efficiency plan.

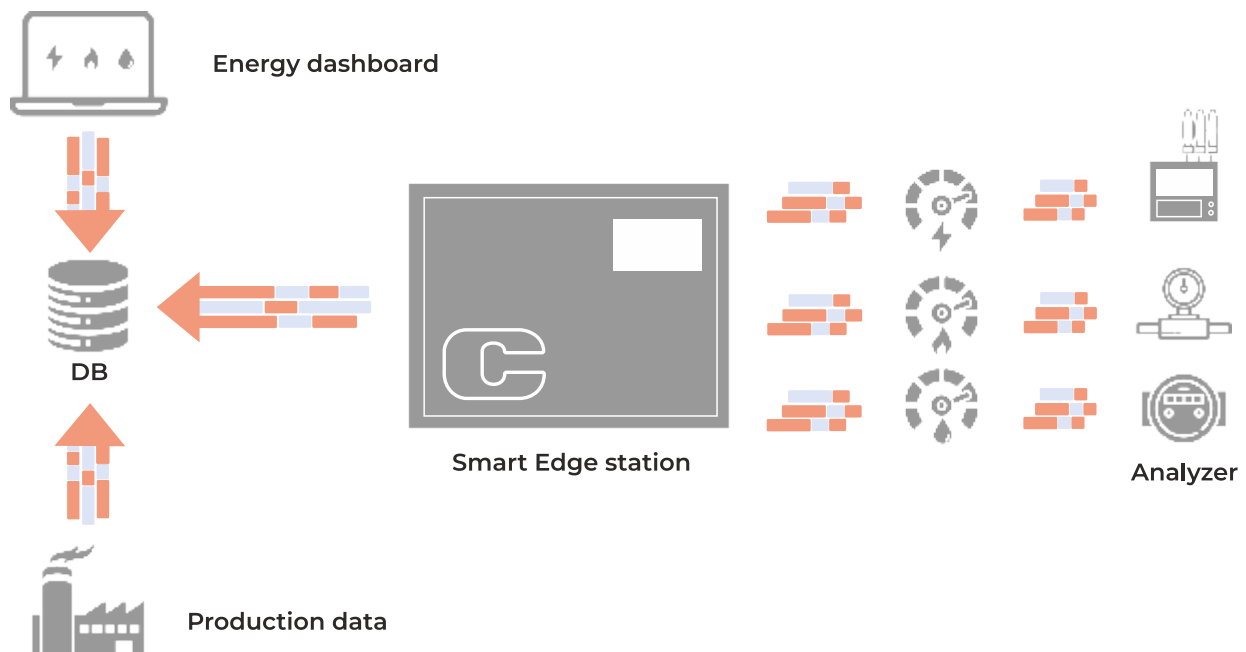
The key word for describing the EDEA monitoring system is **flexibility**: our solution is highly customizable to your production process needs and easily adapts to new or existing plants. It integrates seamlessly with multi-brand hardware components and systems.

MAIN FEATURES

- Communication with all field devices
- A simple, intuitive user interface
- Consultation of instantaneous values
- User log – Information usable at various company levels, managed with custom screens
- Historical archives and graphic trends
- Alert alarms and events
- Comparisons of quantities and graphs at a temporal level
- Conversion of energy carriers – TOE
- PDF and Excel reports

Architecture

Industry 5.0 transition



EDEA is the monitoring solution that optimizes processes, making them more efficient according to Industry 5.0.

The application kit includes:

- **Smart Edge Station:** the place for viewing and timely processing energy consumption of equipment and machinery
- **Analyzer:** to monitor consumption relating to each machine/production line
- **Energy dashboard:** data collected is displayed on dedicated dashboards customized to the client's specific needs

Why choose EDEA

- **Energy efficiency:** collection, continuous monitoring and visualization of consumption self-produced and self-consumed energy, allows you to highlight inefficiency and implement energy efficiency measures, generating immediate economic savings
- **Cost centers:** enable accurate allocation of energy costs to different industrial departments
- **Energy automation:** automate processes to better manage energy use
- **Anomaly control:** a complete solution to be used for predictive maintenance
- **Management and control:** optimizes measurement management and remotely controls of the systems, reducing intervention times and costs
- **Innovation:** the service is part of the Transition-5.0-Ready concept
- **Sustainability:** improves corporate image and environmental sustainability

We are part of the Cannon Group, an international machinery manufacturing holding, which comprises more than 30 companies and branches worldwide.

Dedication to continuous innovation and a solid commitment to reducing the ecological footprint are the drivers of all the Group's technology developments, with a clear focus on energy efficiency, resource consumption reduction, and emissions reduction.

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