

EPLANT: The Evolved Manufactory

Overview

Eplant is the Industry 4.0 solution of Ouvert for the Energy Management. Acquires data from the sensors distributed in the plant and offers functionalities to monitor the efficiency of the manufacturing machines and to optimize the production against the energy consumptions.

Benefits

- Production plan adjustment based on the cost of energy and forecasted consumptions
- Real-time tracking of the energy performances of the production plant with configurable alerts
- Performance benchmarking across different plants to identify inefficiencies and stimulate improvements
- Customizable dashboards and reports for a quick and effective communication over the plants efficiency status

Features

- Energy assets inventory (Plants, Sections, PoDs, Meters, Assets tree)
- Real-time data acquisition from multiple sources (IoT networks, Building Management Systems, Weather services)
- Definition and tracking of Energy Conservation Measures
- Energy intelligence analysis: consumptions modeling, prediction, anomalies detection
- Configurable alerts and notifications
- Multiple authorization profiles and assets visibility levels (whole network, single building, specific sections, etc.)
- Financial analysis (investment KPIs, budget, impact of energy on production costs)
- Customizable dashboards
- On-demand production of graphic and table reports
- Data export in graphic, PDF and spreadsheet format
- Configurable automated reports

More info

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