



biEMS

Smart energy consumption

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Introduction

Energy monitoring is already a must for our contribution to today's environment challenges. Our recently developed platform biEMS is a useful IT solution that enables collection, storage, management, and review of current, past, and future energy data and measuring data on different devices in one place. It is suitable for everyone who works in industry or is a manager of a larger building. By using the biEMS platform all the information on energy and water consumption is available in one place. The biEMS platform ensures efficient monitoring of energy investments, thus reducing operating costs in the long term and contributing to environmental care.

Challenge

The biEMS platform provides target customers with a direct impact on reducing energy use as well as their efficient management. Efficient energy management involves innovations, long term investments, the use of sustainable energy sources in the energy management system (e.g.: photovoltaics) and their effective control (e.g.: monitoring the efficiency of the photovoltaic power plant, energy use and the like).

Solution

The software solution for efficient energy management offers you:

- 1 | capture, aggregation, validation, and visualization of measurement data, setting of alarm and reporting mistakes**
- 2 | implementation of analytical functions of processing and visualization of measurements, production of advanced analysis that enable support for the implementation of energy efficiency measures**

The biEMS platform for efficient energy management is based on modern technologies and follows modern software development trends. It is a comprehensive energy management tool and can be used as a cloud service (SaaS) or as an integrated solution installed in a customer or installed in a private customer cloud.

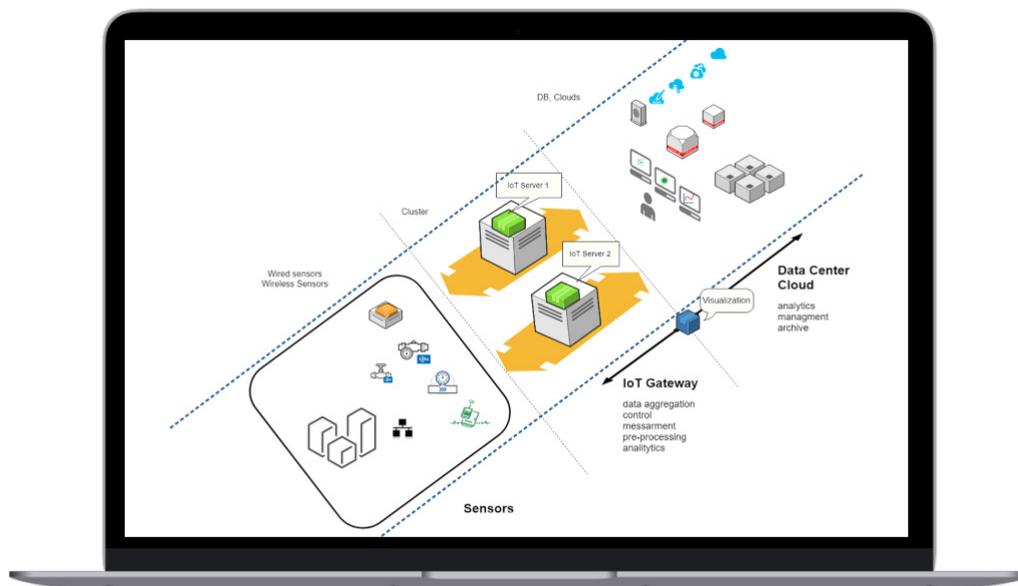


Figure 1: Energy followed from sensors to Data Center Cloud

Key functionalities

REAL-TIME ENERGY MONITORING

biEMS acquires large numbers of various data regarding energy and related measurements in intervals. Based on the collected data, evaluated statistics can be provided. The data is presented in tables, graphs, or charts and as process schematics.

ENERGY DATA ANALYSIS

biEMS platform performs different energy data analyses. Built-in Monitoring and Targeting (M&T) analysis give a feedback on current projects and directions for energy use expected in the upcoming situation. biEMS also gives early warnings of unexpected and problematic energy errors.

CUSTOMIZED REPORTS AND DASHBOARDS

Different employees can be involved in energy management through biEMS. Every user can create reports for their needs. Reports can be exported in Excel or PDF formats. To enable quick overview important information and KPI can be displayed in Dashboards.

CUSTOMIZED ALERTS

biEMS platform contains all the instructions to immediately warn and report about any energy deviation. The alerts are sent to all short-listed recipients via SMS or e-mail. biEMS is a custom-made tool, which is adjustable to customer's needs.



Figure 2: All the information on energy and water consumption available in one place

Conclusion

biEMS is an advanced high performance user-friendly software platform for energy management. biEMS leans on structured approach towards improvements in energy efficiency and the reduction of energy costs. The platform enables collection, storage, management, and review of current, past, and future energy data, measuring data on different devices in one place.

If you would like to learn more about the efficient and environmentally friendly biEMS platform, contact us for:

ONE ON ONE
COUNSELLING ✓

TUTORIAL ✓

CHAT WITH
THE PROFESSIONAL ✓
- ENERGY MANAGER

Contact: info@bintegra.com

Thank you for your inquiry!

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Bintegra is a provider of consulting services and IT solutions for enterprises in the energy, communications and other service industries. Bintegra primarily focuses on business integration solutions based on SOA, which help enterprises to connect their business processes, applications and data in order to increase operational efficiency & IT flexibility, improve customer service and shorten time to market. For more information about Bintegra please visit www.bintegra.com

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