



Industrial Energy Management Information System

Achieve 5-8% in Sustained Energy Cost Savings



INDUSTRIAL ENERGY MANAGEMENT INFORMATION SYSTEM

Industry 4.0 Complaint & Cloud Based Modern Resource Management

EMIS is a cloud-based application with powerful visualization tools that allow you to effectively measure, analyze, and manage energy and other consumable resources across your industrial operation. Through continuous tracking of diverse energy streams and other consumable resources, our solution enables you to make your operation more profitable and sustainable by managing these variable costs.

EMIS SOLUTION

Understand & Manage Your Energy Digital Advantage



Real-Time Monitoring: Visualize your energy and resource data and KPIs with easy-to-use dashboards



Cost Tracking: Understand the true cost of energy by tracking actual consumption and production data vs. target performance



Multi-Site Benchmarking: Look at aggregated figures from across your operations or drill into a single operating site



Automated Alerts: Get automated alerts so you can easily detect where poor energy performance is happening within your operations



Simple Consolidation: Consolidate source data, targets, computations, KPIs and models in one easy place



Actionable Intelligence: Turn your energy and consumables data into actionable intelligence so you can proactively manage problems and opportunities as well as justify and track results of improvement projects



Fast Easy Reporting: Setup custom views and generate reports with a couple of clicks



THE BLUEMARVEL ADVANTAGE

Industrial Expertise Meets Digital Transformation

Differentiators:

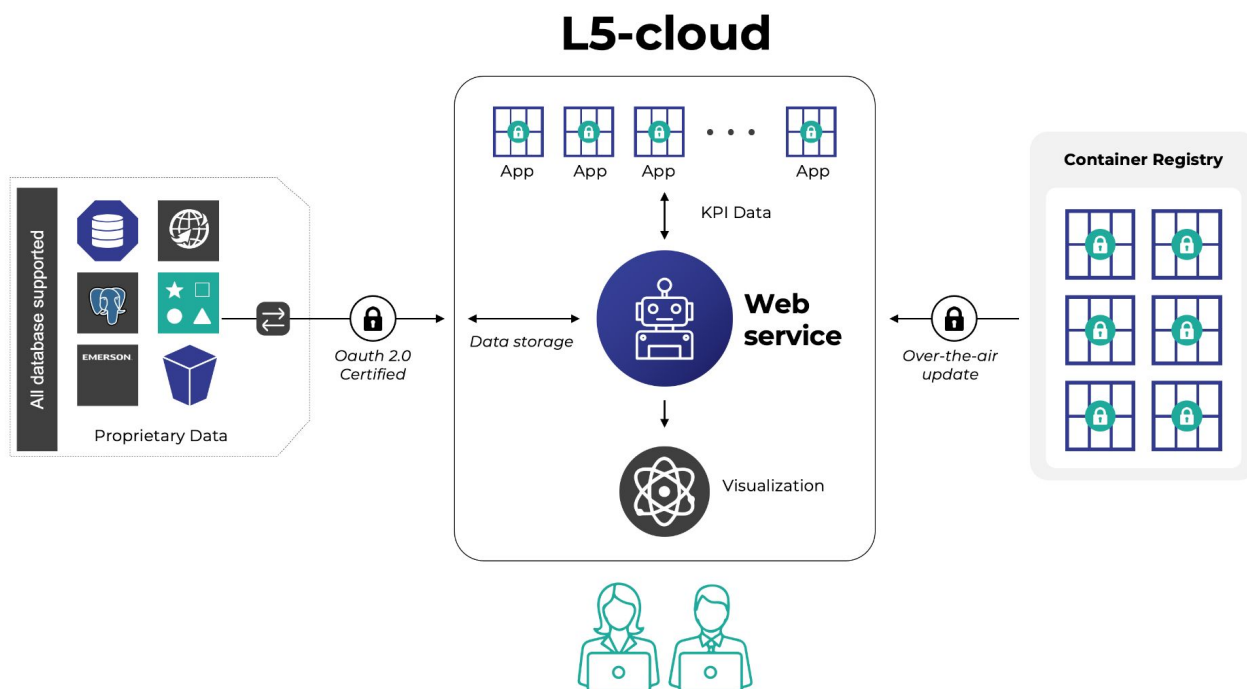
Our solution has been developed by industrial energy experts, based on the ISO 50001 standard. All BlueMarvel applications are built using the latest modern information technology. Unlike other legacy EMIS applications, designed to run at a single industrial site, our solution was conceived for enterprise use cases and is capable of benchmarking energy use across your entire operation if required. Our solutions also offer custom-programmability alongside a suite of existing analytic functions allowing you to implement rules, KPI's and algorithms that fit highly specified requirements.

We can support deployments no matter where you are on your digitization journey. Our solution runs natively in the cloud and has been designed using Docker Containers for easy deployment and set up. We can also manage SAS deployments leveraging our cloud and internal data consolidation infrastructure.

EMIS ARCHITECTURE

EMIS Microservices

- Control hub facilitates KPI calculations, software updates, and data movement between different applications
- Microservices infrastructure to maximize application uptime and allow for maintenance on separate services
- Leverages your existing cybersecurity protocols to minimize data leakage risks
- Application is stateless, guaranteeing your data integrity and provides flexibility on future usage of calculated KPIs
- Customer managed authorization & authentication so you can control who has access to which data
- Optional over-the-air updates whenever new versions of the software are available





Industrial energy and consumables consumption are not a fixed overhead cost; they are variable operating cost that should be actively managed



EMIS BENEFITS

Lower Variable Production Costs



Used in a well-designed energy management program, EMIS has been proven to reduce energy usage and costs by a minimum of 5%



Supports creation of greater energy awareness and related decision making



Supports energy audits and the identification of energy performance improvement opportunities



Supports corporate energy budgeting and contract negotiation



Enables sustainable energy improvements by measuring, documenting, and reporting on historical and current performance



A 20% cut in energy costs could offer the same bottom line benefit as a 5% increase in sales

– [Carbontrust.com](https://www.carbontrust.com)



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