

Industrial Energy Management & Optimization Solution



Drivers of Energy and Sustainability Efforts

OUTCOME

Energy Efficiency



- Improved energy efficiency in production processes
- Lower energy and emission intensity by product (decreased CO2 footprint)

Energy Costs



- Mitigate the risk of energy cost volatility
- Avoid unnecessary demand charges

Global Regulations



- With upcoming reporting obligations avoid fines for non-compliance
- Access to regulated markets

Competitive Advantage



- Improved brand reputation
- Enhanced company culture and employee engagement
- Innovation and technological advancement

Net-Zero Commitments



- Climate change mitigation
- Reduction of Carbon & GHG Emissions



Energy Management Challenges

Lack of Real-Time Data Visibility



Data Integration from Multiple Sources



Inconsistent or Poor Data Quality



0011NULL11
11000001110

Energy Data Context



Scaling Energy Management Solutions



Balancing Cost & Environmental Impact



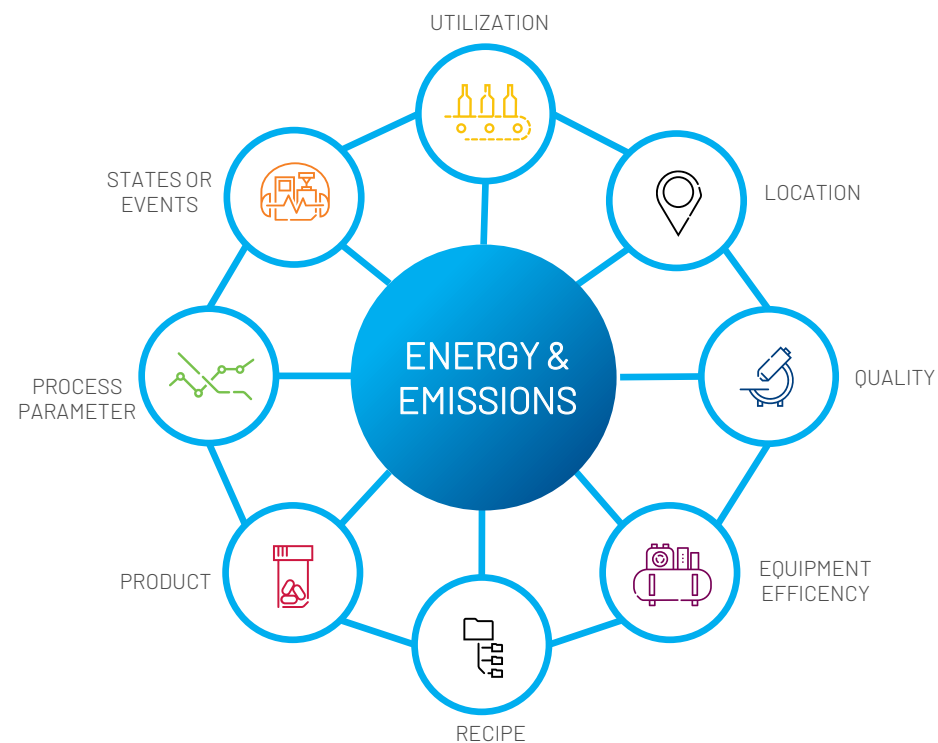
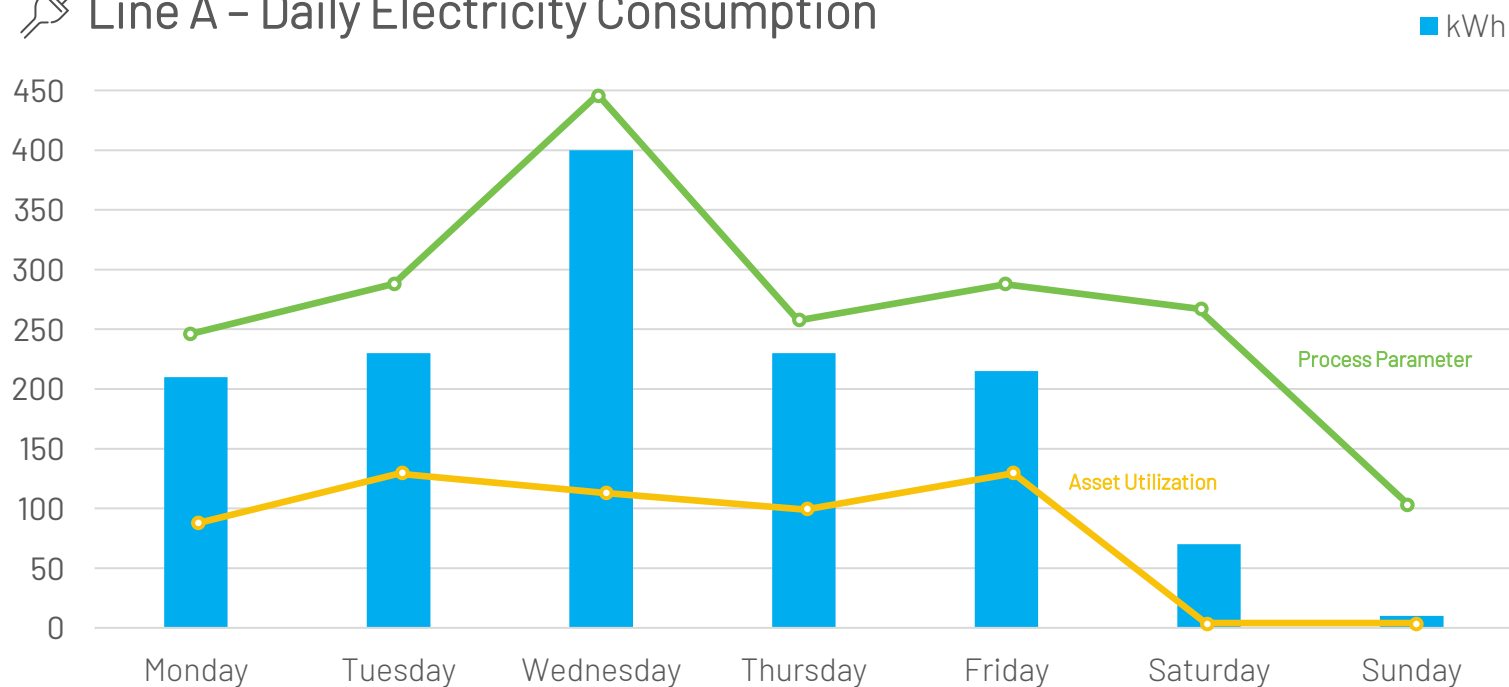


Unlock the Power of Real-time Energy Insights

Data contextualization at scale



Line A – Daily Electricity Consumption





FactoryTalk® Energy Manager™



The Industrial Energy Management and Optimization Solution built on an Industrial DataOps Platform

CAPABILITIES

- **Real-time Data Acquisition and Monitoring:** Continuously capture and monitor energy data in real-time
- **Flexible and Customizable Energy Model:** Tailor the energy model to fit your specific needs and requirements
- **Integration of all resource and utility types,** including Water, Air, Gas, Electricity, and Steam (WAGES)
- **Pre-built Dashboards:** Access ready-to-use dashboards to report on key energy performance indicators
- **Contextualize Energy Data:** Integrate energy data with operational (OT) data to understand energy and emissions intensity
- **Energy Baseline Identification:** Establish a baseline for energy consumption to measure improvements
- **Charting and No-code Analytics:** Utilize intuitive charting tools and no-code analytics for data analysis
- **Alerts and Notifications:** Receive alerts and notifications via email to stay informed about energy usage

BENEFITS



FASTER TIME-TO-VALUE with a ready to use and lifecycle managed solution



IMPROVE decision-making with data-driven insights and achieve sustainability goals



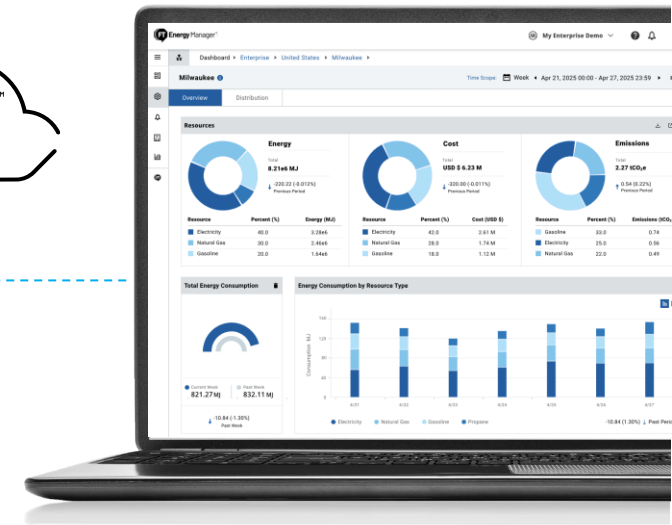
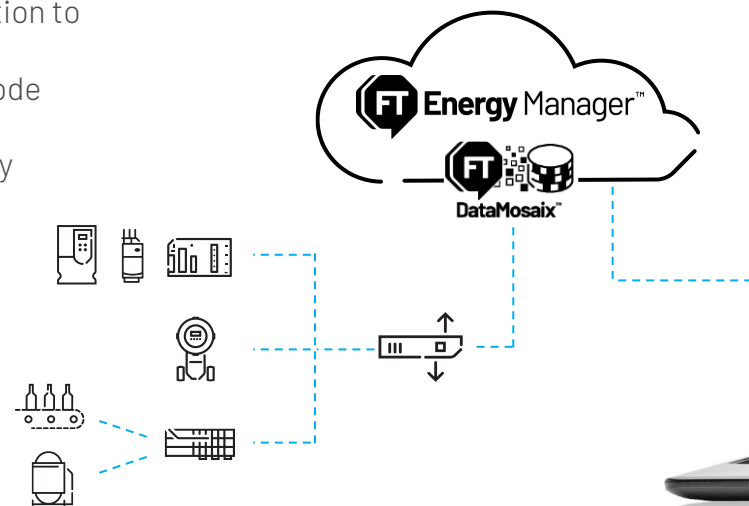
ACCELERATE your digital transformation with Industrial DataOps and transform siloed data into actionable insights

SCALABILITY

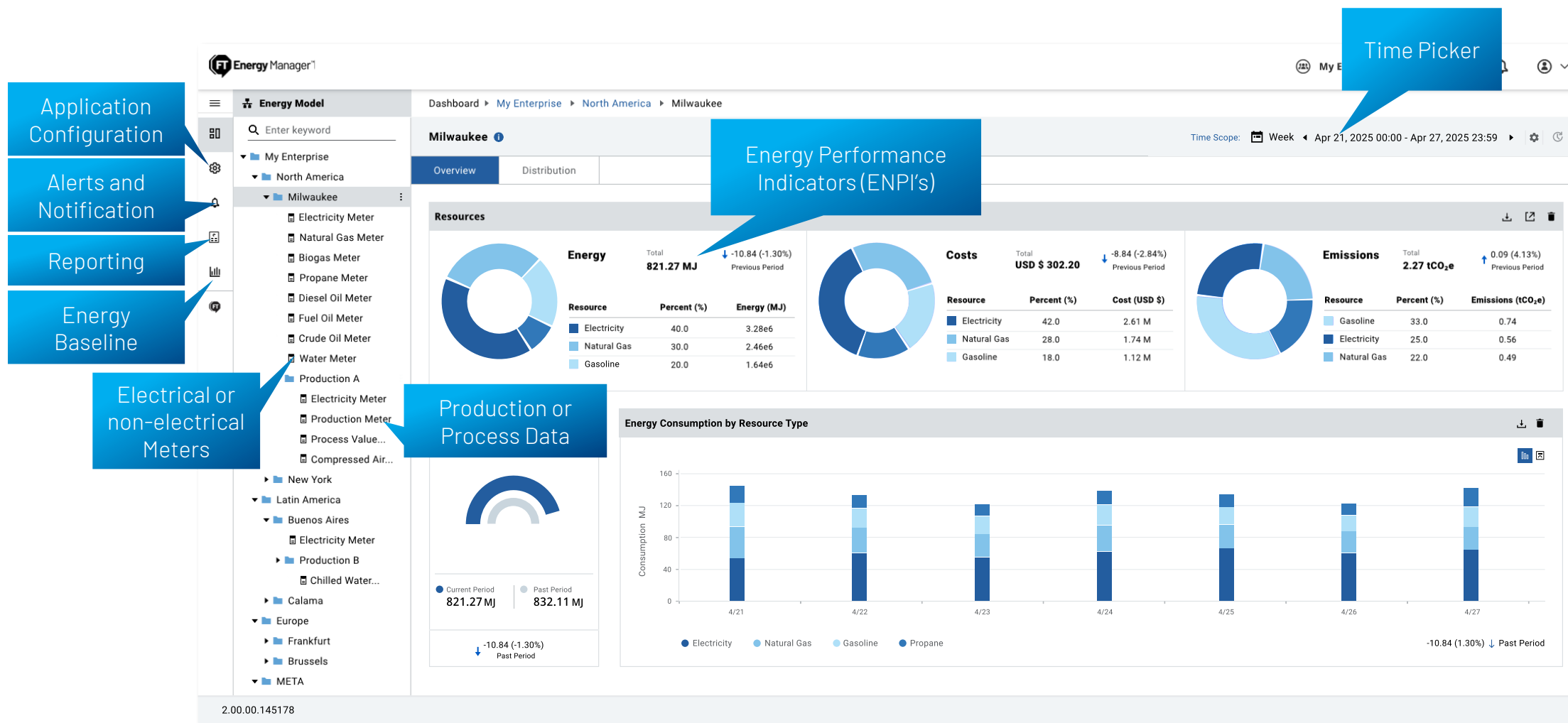
- Single Site, Multi-Site or Enterprise

INFRASTRUCTURE

- Multi-tenant Software-as-a-Service (SaaS) Environment
ROCKWELL AUTOMATION Managed Infrastructure



Explore FactoryTalk® Energy Manager™





Industrial Energy Management & Optimization Solution

- ✓ **Optimized Time-to-Value:** Leverage pre-configured components and automated lifecycle management for rapid deployment and continuous feature delivery.
- ✓ **Enterprise-Scale Flexibility:** Enable real-time insights across distributed operations with a scalable architecture that simplifies complexity and reduces total cost of ownership.
- ✓ **Industry-Driven Roadmap:** Guided by industrial energy management use cases to ensure alignment with emerging standards and evolving user requirements.





Thank you

www.rockwellautomation.com

