

# FactoryTalk Energy Manager

## Achieving sustainability with energy management

As energy costs continue to increase globally, driven by the depletion of fossil fuels, geopolitical instability and disruptions in the global supply chain, manufacturers strive to achieve energy efficiency and to reduce overhead to minimize the total cost of operations. Improved awareness of energy usage is the foundation for any strategic energy management program.

Introducing FactoryTalk® Energy Manager™, an industrial energy management and optimization solution that helps to improve energy awareness, reduce energy costs and achieve sustainability goals. This offering leverages FactoryTalk® DataMosaix™ to enable contextualized analytics to monitor, analyze and optimize energy performance across the enterprise.

### Why energy monitoring applications matter

Our strategy is based on environmental, social and corporate governance (ESG) standards and remains focused on driving three outcomes for manufacturers: sustainable customers, sustainable companies and sustainable communities.

Energy management systems are integral to our country's transition to widespread electrification and decarbonization. The FactoryTalk Energy Manager industry solution will help customers connect data (energy, water and production data) from different data sources and provide them the appropriate functionalities to monitor and analyze consumption, demand, intensity, costs and emissions. The system will help to compare assets, gain insights on savings and baseload as well as provide a forecast on important KPI's. Furthermore, customers can contextualize energy data with production data, execute intelligent energy assessments and run data or asset correlations to identify inefficiencies or anomalies.

### Make informed decisions based on your energy consumption

Put all of your data to work with FactoryTalk DataMosaix to transform your energy management capabilities.

### BENEFITS

- Faster time-to-value
- Make data valuable and transform siloed data into actionable insights in real-time
- Automated reporting through easy to-use dashboards

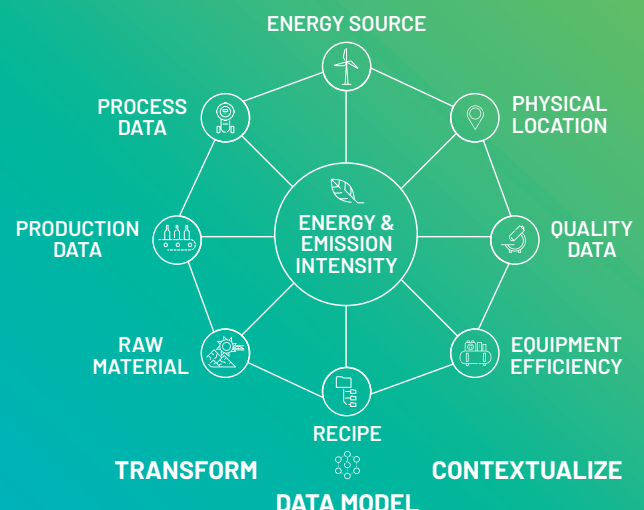
### CAPABILITIES

- Aggregate energy and operational (OT) data from disparate sources
- Monitor, analyze and compare energy performance in real-time across the enterprise
- Understand and optimize energy and emissions with contextualized analytics for:
  - Energy consumption, demand, cost allocation, emission tracking and energy intensity (energy per unit output)
- Enterprise-wide view with data driven reporting for Scope 1 and 2 greenhouse gas (GHG)

### Why is data contextualization at scale important? Unleash the value within by harnessing energy data.

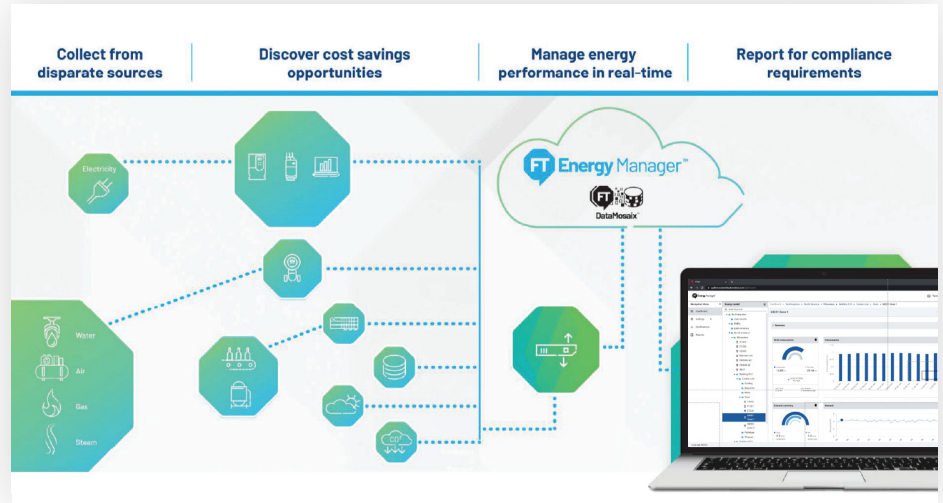
Contextualize multiple data sources:

- Provide a 360 view across KPI's that matter - Quality, energy, emissions, cycle time and yield
- Enable energy and emissions intensity reporting
- Contextualize operator domain expertise and input
- Visualize and report energy metrics with easy-to-use, real-time dashboards
- Deploy at scale across the enterprise to enable benchmarking



# FactoryTalk Energy Manager

Enabling customers to monitor, analyze and report on energy usage.



## Collaboration and support

Learn more about the services we offer to help you achieve your sustainability goals:



### Profiling and analysis

- Energy opportunity analysis, business case
- Energy management infrastructure and data review



### Planning


- Energy management requirements and solution design
- Energy optimization transition plan and budget
- Energy management program structuring and program management Implementation
- Proof of value pilots
- Scale multi-site implementations
- User adoption and change management
- Managed services and outsourcing



### Implementation

- Proof of value pilots
- Scale multi-site implementations
- User adoption and change management
- Managed services and outsourcing

**TO LEARN MORE**  
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