Plantweb Optics Analytics is an extensive software solution that leverages artificial intelligence, machine learning, and industry-based expertise to ensure operational health and optimize plant-wide performance. Optics Analytics provides comprehensive energy management capabilities allowing you to manage and optimize energy in your operations.

A key part of an overall energy management program, Optics Analytics is your Energy Management Information System enabling you to:

- Aggregate and make valuable information accessible to all key stakeholders
- Establish energy targets and optimize consumption across assets, units, areas, and plants
- Reveal new optimization and savings opportunities down to individual energy consumers

Comprehensive View of Energy
Visualize, analyze, and optimize where and how energy is used, from a plant-wide view down to the individual assets.

Optimize Energy Along With Other KPIs
Integrate unit capacity, material and energy balance, operating constraints, equipment performance, cost, and more.
**Dynamic Targets**  
Energy targets dynamically adjust based on a variety of relevant factors.

**AI & ML Guidance**  
Integrate Artificial Intelligence and Machine Learning models that learn over time.

**Root Cause Analysis**  
Real-time RCA graphical displays root causes of issues or deviations from target.

**Easy Data Connection**  
Connect and analyze information from a wide range of data sources.

**Energy KPIs & Dashboards**  
Easy-to-use dashboards that show relevant information customizable based on stakeholders.

**Intuitive, Graphical User Interface**  
Build and maintain models without the need for programming knowledge.

**Easy Data Connection**  
Connect and analyze information from a wide range of data sources.

**Energy KPIs & Dashboards**  
Easy-to-use dashboards that show relevant information customizable based on stakeholders.

**Dynamic Targets**  
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Real-time RCA graphical displays root causes of issues or deviations from target.

**Reporting**  
Utilize a range of easy-to-use standard reports on energy consumption and cost or customize.

**Cloud Hosted Solution**  
Emerson has partnered with Microsoft to offer Plantweb Optics Analytics Cloud Hosted Solution. See that datasheet for more information.

**Expertise and Services**  
Leverage Emerson’s Professional Services team to help identify gaps, set a vision and roadmap, and implement an energy management solution.