



SAP MII Energy Management Information System (EMIS)



RTS Consulting Automation (RTS) assists organizations develop sustainable green strategies, which foster a competitive and profitable business advantage, while reducing GHG's and reducing energy consumption.



RTS, has developed the "Energy Management Information System ", to corporately address one of today's most critical issues, the Environment.

In these trying economic times, efforts at environmental responsibility and sustainability are under greater scrutiny than ever. We work with our clients, putting forward best practices and evolving a holistic Energy Program that works within their manufacturing plant or facility to look at "energy as a raw material", and thus significantly reduce their energy use, intensity and cost. This will provide customers with the benefits of lower operational costs combined with tangible sustainability initiatives while providing the platform for meeting future industry initiatives.

What does the Solution offer?

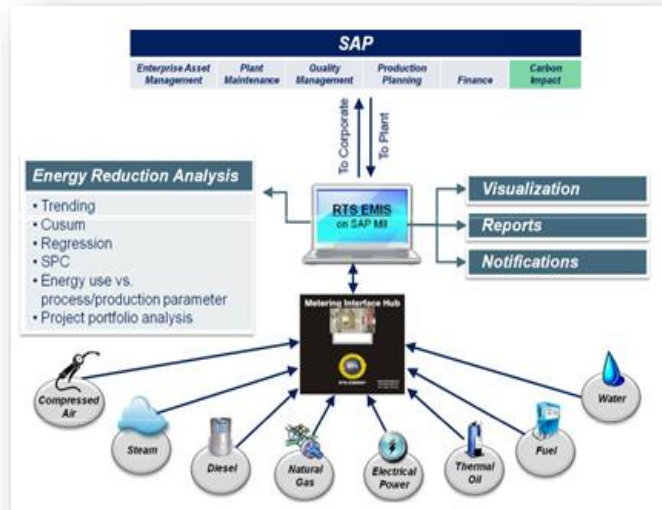
- Enables a corporate multi plant energy performance overview
- Dynamic energy targets
- Integrated to SAP ECC
- Powerful energy reduction analytical tool
- Energy Trending, CUSUM/Daily Usage /Regression Analysis/Cost Center Allocation
- Energy usage visualization to granular levels with departmental, process or SKU accountability
- Energy Baselines based on Production Volumes & Degree Days
- Automatic Email Alerts providing notification on energy usage non conformance
- RTS Energy Meter Interface Hub for energy meter connections

Scope*:

- Evaluation Discoveries and Pre-Audit
- Meter readiness assessment
- Planning and Roadmap to Sustainability
- Monitoring and Targeting (M&T) System

Benefits:

- ✓ Performance of Energy Consumption Reporting and Visualization, makes data useful to enable a continuous energy improvement plan
- ✓ Allows Energy Analysis Comparisons & Cost Allocation
 - Production shifts, lines
 - Departments
 - Significant assets
 - Days / week / weekend
- ✓ Granular Energy Consumption Visibility ~ 15min intervals
- ✓ Energy vs Process Parameters Profiling
- ✓ Energy vs Production SKU Profiling
- ✓ Early detection of asset poor Energy Performance allowing best ROI asset decommissioning
- ✓ Support budgeting & Management Accounting
- ✓ Shadows utility meters, avoids the need of utility billing reconciliations
- ✓ Helps avoid peak demand charges by providing immediate e-mail alerts to high energy demand
- ✓ CuSum and Regression Analysis of Energy Target and Energy Consumed
- ✓ Can be deployed across all plants and sites.



Deployment Time: 20 Weeks + 2 Weeks UAT

*Exact scope to be determined based on client requirements

[RTS Consulting-Automation Inc.](http://www.rtsconsulting-automation.com) has over 27 years of experience providing control system engineering services and leading software solutions while assisting companies adopt new technologies and achieve Operational Excellence. RTS has been instrumental with large organisations with their "Digital Enterprise" transformation. Our Background and expertise in Manufacturing Execution System (MES) implementations, shop floor automation control systems integration (PLC's, SCADA, IOT and Historians) and shop floor asset connectivity gives RTS a strategic advantage when developing and implementing IT/OT solutions for our customers.

We welcome you to [Connect](http://www.rtsconsulting-automation.com) with us to discuss about your current manufacturing challenges and concerns when it comes to transforming the way, you do business.



