

Energy Management



IN A COMPANY THE IMPLEMENTATION OF AN ENERGY MANAGEMENT SYSTEM MAY RESULT IN A 10% IMPROVEMENT IN ENERGY CONSUMPTION

MAIN FEATURES

- Real-time information of a set of parameters related to the power monitoring by equipment or by machine
- By supervision, it is possible to monitor the energy analyzer placed in each machine
- Supervision via web-browser of the plant layout with real time indication of energy consumption by equipment
- Setting of icons by tolerance intervals in order to alert the user of deviations from the default value greater than x%
- Real-time information about energy consumption and alerting in specific points of the process if the differences between the actual and optimized consumption exceed certain value



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BENEFITS OF ENERGY OPTIMIZATION SOLUTIONS:

- Energy management program to reduce costs
- Real time data available to facilitate decision making
- Control and Reduction of energy costs
- Improving process and activity energy performance
- Increasing the equipment life span
- Increasing the level of awareness within the organization and in the entire value chain
- Possibility of integration with the existing management systems
- Demand for innovation and continuous improvement in energy use
- Improvement of enterprise image, reputation and social responsibility
- Competitive advantage over companies that tend to neglect this point
- Reduction of environmental impacts resulting from the activity



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- Supervision via web-browser of the plant layout with real time indication of energy consumption by equipment
- Setting of icons by tolerance intervals in order to alert the user of deviations from the default value greater than x%
- Real-time information of an equipment/machine, the energy consumption and deviations alarm system
- In Shop Floor Control (MES) can be incorporated instant consumption information
- Consumption data crossing by machine and by product type
- Comparison chart between standard consumption for the operation with significant energy consumption through energy profile and the actual consumption
- Real-time graphic monitoring of energy consumption via web browser by machine, by product, by sector
- Sectorial analyzes in tabular or graphical format

