Energy Efficiency by Industry 4.0
Energy directly from Stock Market
Energy Efficiency 4.0
Platform for efficient operation of buildings and industrial plants

The capability > respond to current market data

Industry 4.0 is the use of Internet technologies for communication between people, machines and products. The goal is to increase the quality, cost and Resource efficiency, flexibility, adaptability and robustness in volatile markets. Therefore we offer: Cloud based Backend-Services for market integration combined with energy efficiency solutions for buildings and industrial plants. This powerful platform has the capacity to respond appropriately on current market data and for an intelligent equipment control. The system solution meets both our fundamental European concept of "Industry 4.0" and the US approach the "Industrial Internet of Things (IIoT)".

Your Benefit - generate a competitive advantage by variable rates

"Reduce costs and increase efficiency" is a key task of management and "energy efficiency 4.0" offers new innovative control options. A system-wide data flow between equipment’s and enterprise software opens a wide range of indicators that provide information not just about processing times, efficiencies, scrap rates or quality-cost, but also puts the focus on resources and energy, process stability and machine stress. We provide current data for management and quality assurance, to start optimization measures, at any time. For its implementation, this platform provides the necessary basis for communication and control software. Your competitive advantage: In appropriate cases, you can use cheap electricity from the stock market.

New Chance > more efficiency and more sales

The offer is aimed at manufacturing companies and companies with energy-intensive equipment’s whose energy consumption causes a substantial proportion of production costs or operating expenses. The potential for optimization is particularly high if the value-added process, allows energy-guided systems. The system solution includes: Energy supply from the power exchange EPEX Spot and cloud based Backend-Services in conjunction with intelligent products.

Copyright 2016, Ing. Harald Sailer, Naglergasse 65, A-8010 Graz, sailer@medien.at, +43 (0)664 3372 431