

TiresiasEnergy

Modernize your technology

Savings, prediction and reliability – all tailored to your operation or household

- ✓ Monitoring and predictive control for energy, industry and households
- ✓ Integrating cloud technologies to achieve savings
- ✓ Custom IT/OT and embedded systems
- ✓ Smart solutions for homes and small businesses



Learn more!



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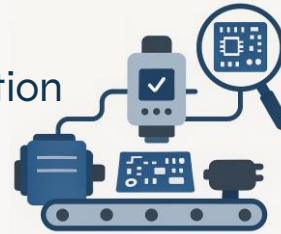


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How can we help you save money with the help of modern technologies?

We specialize in machine learning applications in industry, agriculture and building automation.

- Predictive maintenance
 - Downtime reduction
 - Detection of anomalies in operation
 - Early detection of impending failure
- Automatic Optical Inspection
 - Deviations and defects detection in the performed processes
 - Sorting material flows in production
- Energy management
 - Energy management based on ambient conditions and expected consumption



Predictive control platform for PV plants

Our system supports household energy self-sufficiency and maximization of yields from photovoltaic power plants.

- Functional specifications
 - Data collection – production consumption and price of electricity with meteorological data
 - Prediction – A model based on data collected in Snowflake determines future values of electricity consumption and production
 - Optimization – Based on the prediction of energy use decisions: consume / store / sell / buy
 - Real-time control – controller for managing a PV inverter connected to AWS IoT Core



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