

WE KNOW WHAT HAPPENS NEXT



Modern enterprises work hard accumulating, managing and storing data; they work even harder trying to make use of that data: we can help.

Our analytics can make your data work for you by using it to predict future critical events, improving resource planning and scheduling, as well as overall operational efficiency and productivity. We know what happens next, and so will you.



predictronics
WE KNOW WHAT HAPPENS NEXT



WE KNOW DATA



PRIORITIZATION • WHAT ASSET TO MONITOR?

We can help you identify the assets that most greatly impact your productivity, maximizing your return on investment.



DATA ACQUISITION • WHAT DATA TO COLLECT?

For situations in which data is not available, we can devise a data acquisition strategy that meets your budget, and that provides the data needed for analysis and prediction.



DATA MANAGEMENT • WHAT IS "GOOD DATA?"

Although many enterprises currently possess a large amount of data, not all data is "good data." We can help process and condense your existing data into a manageable size that consists of only the data most indicative of system health.



CORE COMPETENCIES



MONITORING • VISUALIZATION

We can monitor the operating condition of your assets and provide alerts when it reaches unacceptable levels.



FAILURE CLASSIFICATION • DIAGNOSIS

Using prior fault information, we can provide post-failure analysis to determine the cause of the failure. We can then provide strategies for preventing such failures in the future.

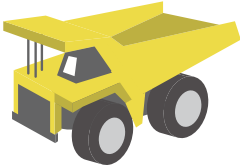


PREDICTION • PREVENTION

We can predict events before they occur. Our predictions can give you enough time to schedule preventative actions and prevent downtime that costs you time and money.



APPLICATIONS



MINING

- Performance assessment, failure diagnoses & proactive maintenance
- Emission / Fuel Efficiency assurance
- Temperature based pulley system monitoring & prediction
- Drill condition monitoring & prediction



MANUFACTURING

- Failure diagnosis & prediction
- Axis motor performance assessment
- Tool condition monitoring
- "Sensor-less" performance monitoring & failure prediction
- In-line stamping quality prediction



WIND ENERGY

- Maintenance Scheduling
- Actionable turbine performance indicator
- Accurate turbine drivetrain component diagnosis & life prediction