

endiio Condition Monitoring Retrofit Platform



endiio Condition Monitoring Platform

With the endiio Condition Monitoring Platform, individual monitoring applications can be implemented. Thanks to a modular system, data acquisition, transmission and analysis can be individually designed and operated efficiently. With a customizable 1-hardware concept, various maintenance scenarios can be easily ported to the platform, adapted and also retrofitted for existing systems.

Modules:

- Sensor platform
- Energy harvesting
- Data communication
- Data monitoring
- Analytics

Advantages:

- Rapid implementation of different applications
- Easy to retrofit
- User based pricing
- Scalable
- Secure
- Robust radio transmission

Examples:

- Condition monitoring and diagnosis of rolling bearings in paper production
- Condition monitoring of high-voltage transformers up to 1.2 MV
- Condition monitoring of drives and gearboxes (calculation of failure probabilities)
- Monitoring unit for detection of malfunction in rotating processes in metalworking
- Monitoring of vending machines (filling level, vandalism)
- Storage temperature monitoring in wood processing

Package "All-round Carefree":

- Workshop
- Data collection and analysis on site
- Condition monitoring concept: Planning and implementation of a pilot plant
- Characterization and evaluation with long-term analysis
- Integration into existing backend
- Design adaptation and rollout