Apergy

THE REVOLUTION WILL BE DIGITIZED

Windrock's NEW Spotlight Monitoring System
makes data collection and analysis
fast and affordable

IIoT ENABLED

SPOTLIGHT

The Industrial Revolution may have started more than 250 years ago, but it continues today. We are in the fourth phase of the Revolution, where the **Industrial Internet of Things (IIoT)** is redefining how we approach the continuous monitoring of mechanical assets, and it's now easier and more useful than ever.

Windrock's new Spotlight Monitoring System has been developed to make this intelligence affordable for the other 95% - reciprocating and rotating machinery that is important but not currently monitored continuously. The new Spotlight Monitoring System is an automated, real-time analyzer that leverages IIoT principles to deliver insights into the health and performance of critical essential equipment.

If you thought IIoT devices and analytics on "the other 95%" of your devices would be cumbersome and time consuming - or too expensive – Spotlight just put those fears to rest. This truly changes the rules of the game.

Integrates with Windrock Enterprise

The Spotlight Monitoring System can gather data, provide alerts, alarms and operational information on critical Key Performance Indicators (KPIs) on a 24/7 basis. The important actionable insights available to operators are delivered via user-friendly dashboards and reports from Windrock's robust Enterprise software, a secure* cloud-based IIoT platform that enables on-demand visibility to your entire fleet of assets. Available on PC, IOS, and Android phones.

* Microsoft® Azure, a secure, flexible, enterprise-grade cloud-computing service

Visit iot.windrock.com/spotlight to learn more

Affordable Innovation, Fast!

Spotlight revolutionizes the approach to automated data collection.

Dramatically Lower Price Point

Spotlight crashes the price of entry, allowing more pieces of equipment to be monitored full-time. Spotlight technology is up to 1/10th the price of comparable systems.

Fast Installation Saves Time, Money

Spotlight can be up and running in as little as half a day!

- No need to hire electricians or contractors
- No costly conduit runs or trenching
- No plans required for permitting
- Minimal, if any, modification of equipment
- No existing IT network infrastructure required
- Wireless connection from Controller to Gateway

Windrock Enterprise Dashboard

Windrock

🛡️ Machine Protection   ⏲️ Performance Analysis   📈 Condition Monitoring $ Economic Evaluation

STEP INTO THE SPOTLIGHT

The new Spotlight Monitoring System is a plug-and-play solution that elevates the collection and analysis of predictive performance data to the next level. IIoT solutions don't have to be overly complex and expensive to implement. With Windrock's Spotlight Monitoring System, simply attach the magnet-mounted sensors (we call them "PUCS") on the machine to record temperature, vibration and in-cylinder pressure levels. This gives the operator a broad array of cost-cutting benefits, including...

Quick and Easy Installation

• Installs in as little as four hours vs. traditional analyzing systems that can take weeks to install

Affordable

• Complete system runs about 1/10th the cost of a comparable "old school" monitoring network

Control and Compatibility

• **Compatible with Windrock MD™ analytical software, the industry standard for more than 25 years**

• **Compatible with all data from other Windrock platforms such as Windrock Platinum and 6400 Portable Analyzers**

• Turnkey integration with **Windrock Enterprise** platform for easy operational analysis

• Integrates with other control networks and historians

• Creates a seamless transition between old and new technology

Secure

• Cellular (LTE) communications technology

• Transmits data directly to the cloud with no need to access network gateways

• Utilizes the Microsoft ® Azure security platform to protect sensitive data

Workforce Optimization

• Collect and analyze more data, FASTER compared to current limited resources

• Mitigates analyst attrition by expanding data collection footprint across more assets

The ultimate benefit of the **Spotlight Monitoring System** is that it cost-effectively collects and analyzes performance data from assets in the field and transfers it to the palm of your hand in real time. Simply put, no other product available today can provide the measurable advantages that are personified by Windrock's new **Spotlight Monitoring System.**

Windrock

Machine Protection   Performance Analysis   Condition Monitoring   Economic Evaluation