PRESS RELEASE

PowerTrack

Maintain and monitor equipment health via an innovative energy management system.

INDIANAPOLIS: Mar. 17, 2021 – Today Guardian Machine Protection announced PowerTrack, an energy management system for industrial manufacturers to track, maintain and optimize equipment based on energy consumption. A far-reaching goal of every manufacturer is to reduce maintenance costs, increase uptime and achieve ideal production efficiency. Until now, energy consumption has been overlooked as a metric when it comes to equipment maintenance and downtime mitigation. The PowerTrack system by GMP not only monitors energy consumption for each piece of equipment but also provides alerts and actionable insights that contribute towards improving the Overall Equipment Efficiency (OEE). The PowerTrack system also provides the capability to create and schedule work based on the insights and maintain equipment history to understand machine health and discern the replacement value.

Many existing energy monitoring solutions have been majorly concerned with reducing energy bills. PowerTrack is an IoT based energy management solution that not only helps in reducing the energy bills but also adapts energy monitoring into a metric for tracking equipment health, contributing majorly towards maintenance and downtime mitigation.

During the announcement, GMP CEO David Wall said, "For five years (2015-2020), the Machinery Maintenance Services industry has seen a steady decline in revenue, i.e., 3.6% per annum. In the next five years, the maintenance industry is expected to rebound and increase at CAGR of roughly 20%. The energy management systems market also expects a CAGR of 16.2% during this period. The PowerTrack System leverages the built-in energy management system to provide insights for maintenance and downtime mitigation."

"The PowerTrack system has afforded us a brand new view into our machine health. I mean, who knew increased energy consumption could be located to a particular piece of equipment that needs maintenance! Insights like this saved us the hassle of investigation and resulted in increased uptime." said Dave Wilson, Mfg. Operations Manager at Total Manufacturing Co.

How to get started?
After you contact GMP, we will send our expert to your plant to assess the hardware requirements such as sensors and routers. Once the assessment is complete, GMP will deliver and install the PowerTrack system. Once the system is installed, you can start using the PowerTrack software via desktop or smartphone applications from the App Store.

For more information on the PowerTrack, visit www.guardianmp.com/powertrack.

FAQs

1. How long does the initial assessment take?

Depending on the size and scope of the production operation, initial assessments can take as little as 30-45 minutes to complete.

2. Can PowerTrack integrate with existing hardware?

Yes, as long as the hardware is powered with a 120/240/480 VAC wire then it can be integrated into PowerTrack.

3. How is the data collected?

The data is collected through IoT-based power clamps that connect to the AC energy source of each piece of equipment and collect data in terms of energy usage, fluctuations, etc. This data is then translated into actionable insights by the PowerTrack Software.

4. Who owns the data?

All of the data and analytics collected by this software would be owned by the client company, and they can repurpose it however they may see fit. GMP is simply providing a way to record and monitor the equipment on site, and will not be able to see the data unless given access by the client company.

5. Why would a manufacturing company buy this product?

PowerTrack is aimed to help industry manufacturers develop a better understanding of the equipment so they can optimize its performance through extensive data collection and analysis. This helps you stay one step ahead of the equipment, and be informed immediately if something goes wrong in the plant.