SPM Instrument launches Condmaster® Ruby 2019

SPM Instrument, Sweden, leading provider of condition monitoring technology and products, today announces the launch of Condmaster© Ruby 2019, the latest version of the comprehensive condition monitoring diagnostics and troubleshooting software. The new release is designed to deliver higher throughput, more connectivity options, advanced statistics functionality, and enhanced data reporting.

SPM Instrument continues to put its experience and extensive software expertise to work to deliver new levels of usability and help customers and partners get the most value out of the software. The new release addresses the growing need for interoperability and real-time data integration in industrial enterprise environments.

Connectivity for the smart factory

Focusing on connectivity and efficiency, this further development of Condmaster Ruby adds options that further simplify the process of exchanging data with automation assets, IIoT devices, and control systems in smart manufacturing. The capability to merge high-quality condition monitoring data into Big Data analytics and machine learning enables more accurate predictions and sharper analysis.

The new release comes with a REST API (Application Programming Interface), an easy to implement, Industry 4.0-friendly feature enabling Condmaster to act as a hub for condition monitoring data that other resources can access for further processing or analysis. In an upcoming revision, OPC UA will also be supported to further expand interoperability.

High-efficiency data handling

In Condmaster Ruby 2019, numerous improvements substantially enhance database performance. Extended parallel computing enables faster execution of processes and calculations, thus supporting Big Data analytics. In many cases, users will experience performance speedups of up to ten times, such as in machine fault symptoms calculations and backups. Enhancements include faster database synchronization with reinforced data integrity, updated backup management, and extended backup options.

In-depth KPI follow-up with Plant Performer

A key feature of the new software release is the Plant Performer statistics module, which has undergone extensive further development. Plant Performer compiles and visualizes statistics relating to technical and economic KPIs in the OEE/TEEP area for display, evaluation, and printing in Condmaster Entity Server. The module is a very useful tool to demonstrate the benefits of condition monitoring and communicate its technical and economic impact to all levels of the organization. Plant Performer data can be exported to other systems by means of an application programming interface (API). Statistics from an unlimited number of Condmaster databases can be exported and imported – such as from other divisions, production units, plants, or an entire group – for easy comparison of data.

For more information on these and other news in Condmaster Ruby 2019, download '*Condmaster Ruby 2019 Upgrade Benefits*' or contact your nearest SPM company or distributor.

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condition monitoring solutions