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Real-time State Monitoring System for Motor Based on Web

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Motor is the most widely used power equipment in the industrial field, and it is also an important key equipment in the industrial Internet of things (IIOT). The traditional way of motor monitoring is to monitor a single motor, and the collected data is not stored effectively, so that the data cannot be analyzed and processed and the value of the data is not fully utilized. With the development of the technology of cloud computing and IIOT, the manufacturing process has many advantages, such as massive data storage, remote control and so on. At present, professional cloud services have reduced the traditional industry with cloud service threshold and improved the safety and diversity of cloud services, which provides effective technical guarantee for the product of intelligent motor related enterprises. This paper uses web technology and real-time data from acquisition system to realize real-time state monitoring for motor. The users can be informed the state of motor, and analyze the collected data at any time when they login the system. It is necessary to prevent or prejudge the fault of motor equipment in advance, and avoid major accidents as much as possible. It provides valuable experience and basis for routine maintenance and management of production equipment, and eliminates problems such as “over maintenance” or “under maintenance” during traditional periodic maintenance. The users can save costs and improve efficiency.

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Description

monitoring

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