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BDS Intelligent Monitoring Comprehensive Management Platform

Product Description

Shangyida BDS Intelligent Monitoring Comprehensive Management Platform consists of four parts: Data Analysis Center, Backstage Supervision Center, Equipment Control Center, and Video Surveillance Center. Open data interfaces support various data access methods. The database handles high concurrency, with millisecond-level response for analysis involving billions of tables. Intelligent row-column mixing enables rapid retrieval, with high concurrency, throughput, and isolation in hybrid workloads. Millisecond-level multidimensional analysis facilitates effective government oversight of smart agricultural equipment data and serves as an effective tool for smart agricultural equipment companies to enhance their product competitiveness and assist in management.

The composition of the BDS Intelligent Monitoring Comprehensive Management Platfor

Data Analysis Center

It can achieve real-time display of summarized analysis and warning information on equipment operations within the region, as well as meteorological data, assisting customers in making real-time decisions.

Backstage Supervision Center

Functions such as equipment management, operation reports, contract management, equipment inspection, and personnel management.

Equipment Control Center

It can achieve functions such as remote equipment control, formation operations, and remote task planning.

Video Surveillance Center

It can achieve functions such as real-time data monitoring of equipment and stations.

Product Features

1. The open data interface supports the access of data from multiple devices.
2. High concurrency, high throughput, and high isolation in mixed workloads ensure data security and responsiveness.
3. A system that addresses four major functions: big data display, backend supervision, fleet scheduling, and video surveillance.
4. Equipment detection and trajectory inquiry create a platform more suitable for government and enterprise traceability supervision.
5. Public cloud and private cloud can be tailored to different application scenarios.
6. The unique IoT hardware module is widely compatible with existing customer products.
7. A customized platform that meets the varied needs of customers in military, industry, agriculture, and other different scenarios.