Apps Ecosystem

Resource Monitor

RM

Equipment state, performance, and maintenance, all in one app.

Overview

Real-time monitoring of machine status and performance is critical for maximizing efficiency, reducing downtime, and ensuring optimal production output. Resource Monitor is an advanced application designed to provide comprehensive insights into machine performance at multiple levels - site, area, and more granular resource-level monitoring. By leveraging sensor data and alarm tracking, Resource Monitor helps manufacturers improve operational visibility and accelerating responsiveness.

Key Features

- **Multi-Level Monitoring:** Gain a holistic view of the manufacturing site while drilling down into specific areas and machines.
- **Quick search and filter:** Easily search for a specific machine or related entities.
- **Real-Time Telemetry Data:** Continuously track machine parameters such as temperature, vibration, pressure, and energy consumption.

- **Alarm History & Alerts:** Review past alarm records and check recent anomalies or failures that require some action.
- **User Access Control:** Role-based permissions to ensure that only authorized personnel can access sensitive data.
- **Integration with MES:** Seamlessly connect with Critical Manufacturing MES.

Benefits

- **Enhanced Efficiency:** Helps engineers and managers reduce unplanned downtime and optimize machine utilization.
- **Improved Decision-Making:** Data-driven insights allow managers to make informed operational adjustments.

- **Scalability:** Suitable for small manufacturing plants and large-scale industrial operations alike.

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Minimum Requirements

Workload	vCPU	Clock Speed	Memory	Disk Storage	Version
MES	50	2+GHz	128GB	*	> 10.2.5
Connect IoT	1	*	64GB	*	> 10.2.5
Resource Monitor	6	2+GHz	8GB	100GB	1.0

*Please check this documentation for further information on optional volumes configuration:
https://help.criticalmanufacturing.com/systemrequirements/application-layer/applicationlayercontainers/#persistent-storage

Supported Browsers

Operating System	Supported browsers
Android 6.0 or later	Google Chrome
Linux ARM	Chromium
Microsoft Windows 8 / 8.1 / 10 / 11 (32 or 64-bit editions)	Google Chrome / Microsoft Edge
macOS	Google Chrome

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