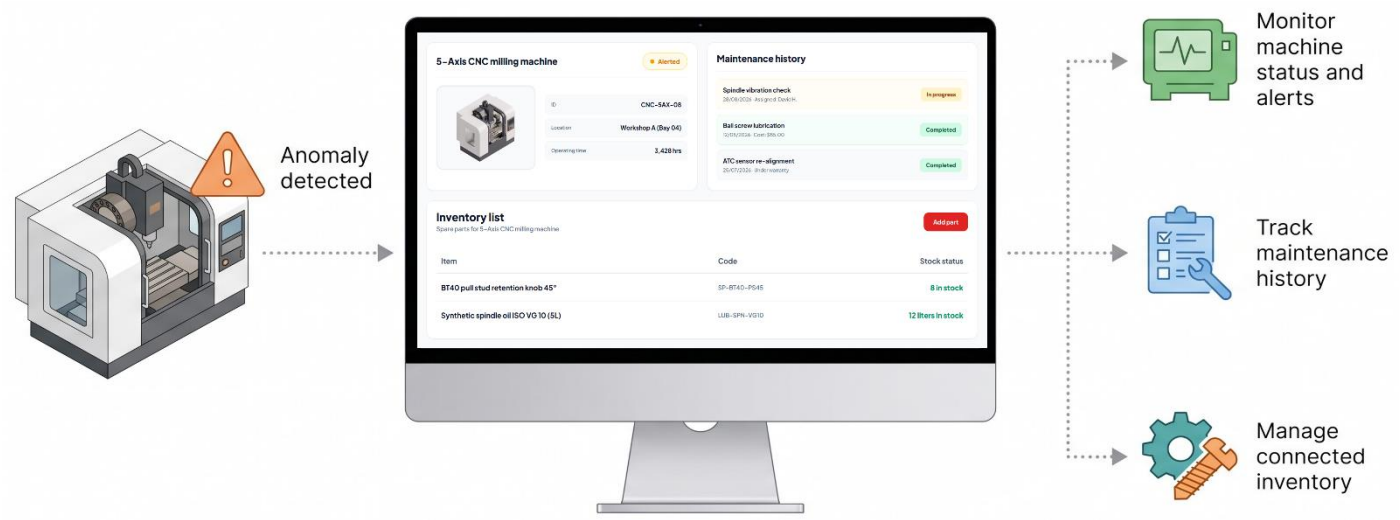
Computerized maintenance management system

Monitor equipment status, apply predictive maintenance for early fault detection, automatically dispatch maintenance assignments, store repair logs, and control spare parts inventory



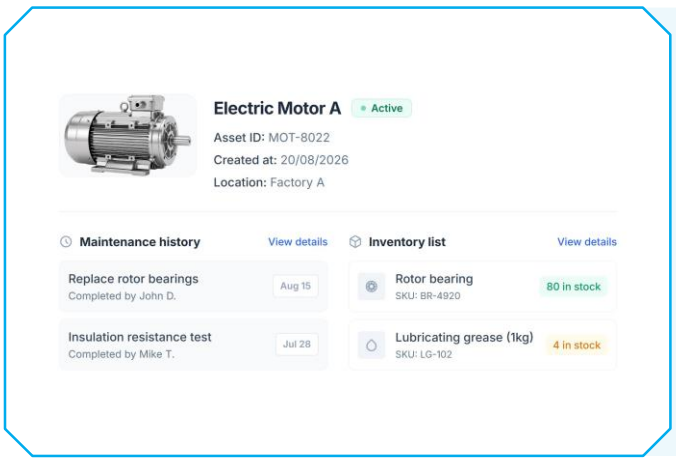
Integrate AI assistant to help extract technical documents and retrieve the performance metrics of each device

Automatically create and send maintenance requests to technicians, continuously tracking work progress

Trigger alerts and auto-generate purchase requisitions when stock levels reach the minimum threshold

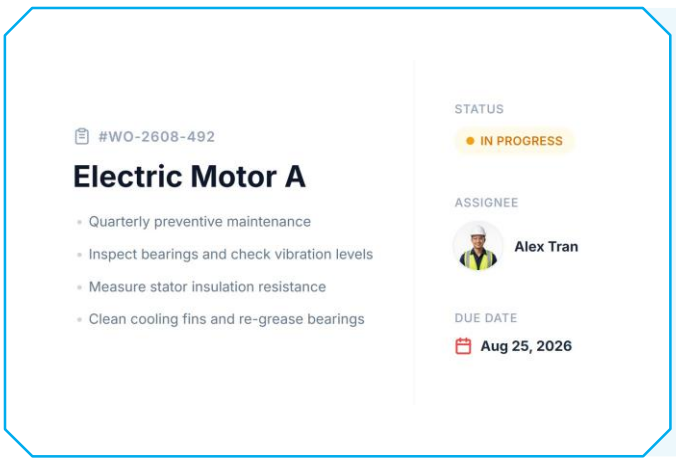
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Key features



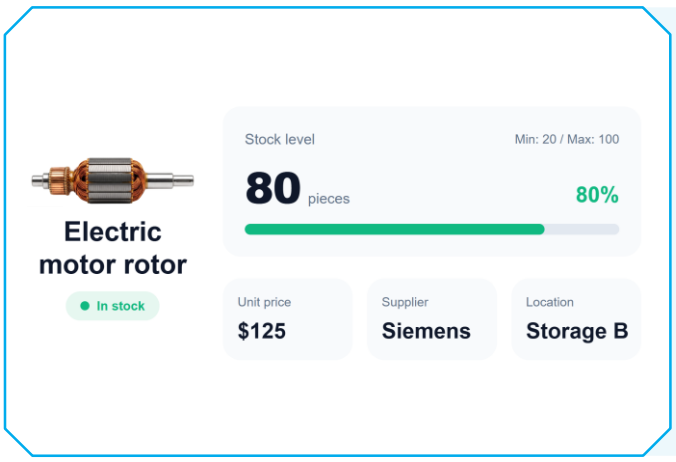
Remote monitoring

Monitor metrics and control devices remotely using interactive layouts



Maintenance management

Monitor equipment requiring maintenance, priority levels, assigned technicians, and task progress



Inventory management

Track spare parts inventory, warn about shortages, and automatically propose purchasing replacement parts

Applications

Manufacturing plants

- Auto-generate maintenance requests when operating parameters breach safety thresholds
- Track spare parts stock and trigger reorder alerts at minimum thresholds

Commercial and residential buildings

- Collect sensor data, predict failures early, and generate maintenance requests for elevators and generators
- Automatically dispatch and update the processing progress of facility maintenance requests

Energy infrastructure

- Monitor product water salinity levels to ensure drinking water compliance
- Track the flow through filter membranes to schedule cleaning
- Store salinity and water pressure data to proactively maintain pumps

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