

# nexbe<sup>+</sup>

## Integrated Automation and Control Solution

Our smart factory platform offers a range of packaged solutions for optimized factory automation, ensuring a smooth and reliable experience from installation to operation.

By harnessing data from individual equipment and inter-equipment processes, our integrated solution streamlines production management, equipment maintenance, and real-time monitoring. With instant processing capabilities, it helps customers make better use of their resources and achieve maximum operational efficiency.



PMS

## Preventive Management System

## Field-oriented Optimized service



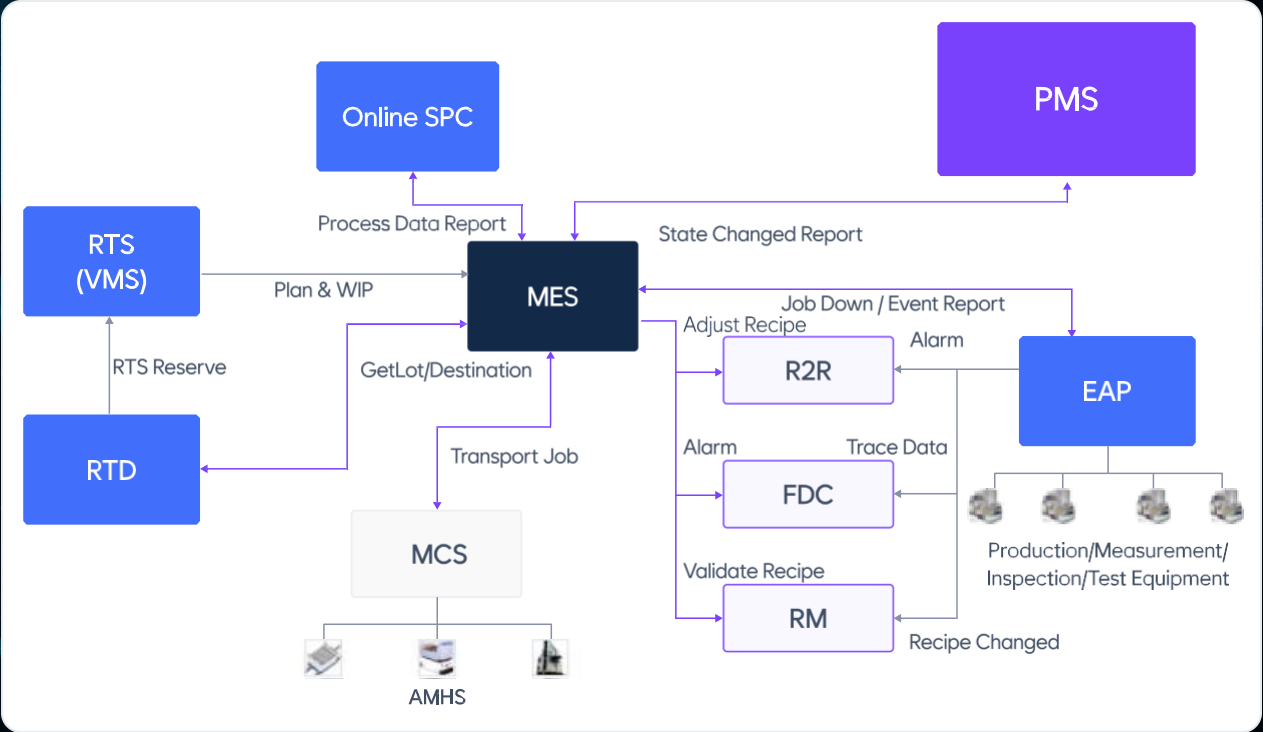
### What does it do?

The role of the Preventive Management System (PMS) focuses on preventing equipment and machinery failures, performing planned maintenance, optimizing performance, and extending equipment lifespan.

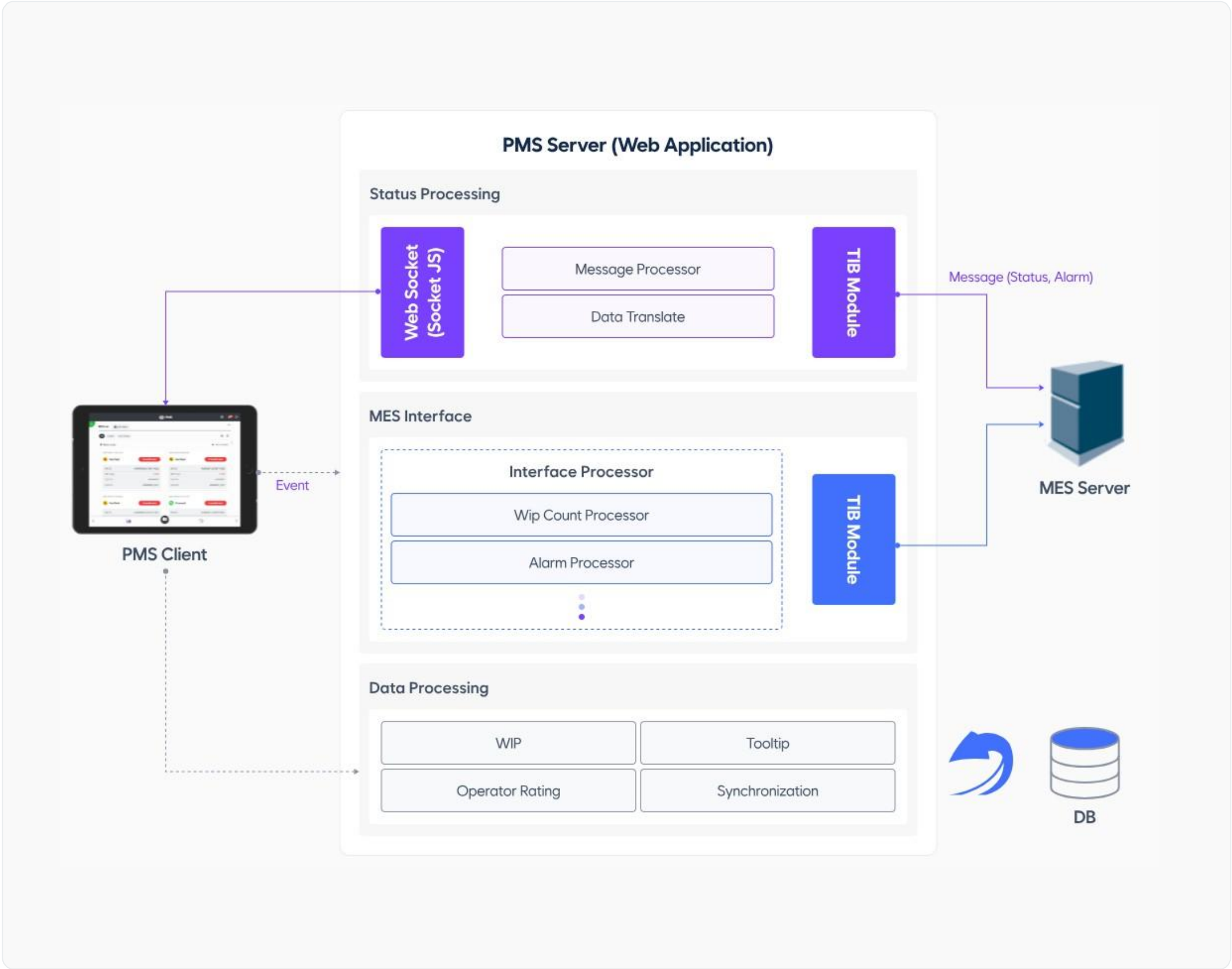
- 1. Creating preventive maintenance schedules:** Establish and manage regular inspection and maintenance schedules to prevent equipment failures before they occur and minimize downtime.
- 2. Regular inspections and maintenance:** Monitor the condition of machinery and equipment; conduct routine inspections and repairs based on manufacturer guidelines or performance data.
- 3. Real-time monitoring and data analysis:** Continuously track equipment performance in real time; collect and analyze data to identify anomalies or predict potential faults.
- 4. Reporting and decision support:** Generate regular preventive maintenance and management reports to provide insights into equipment conditions and assist in developing long-term management and strategies.

## Web Based System

- Framework : Spring Boot
- IDE Env.: Spring Tool Suite, Maven Comply
- with Html 5 standard



## Product Configuration

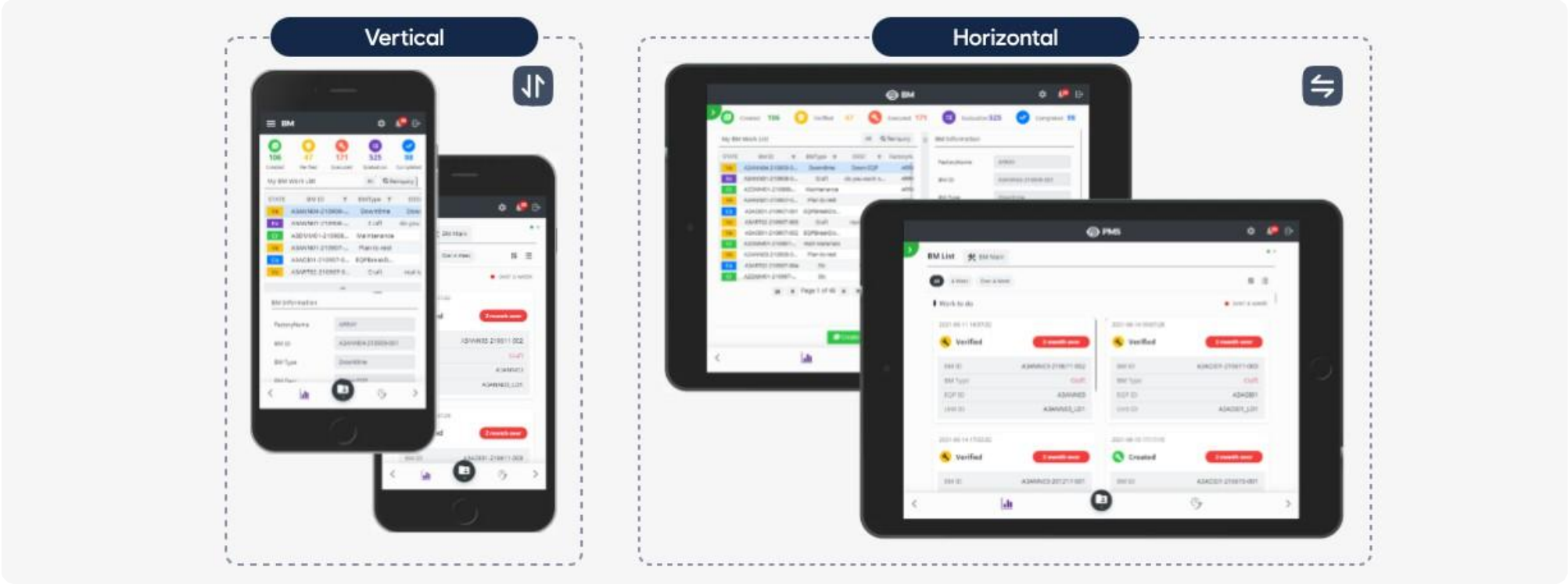




# Field-oriented Optimized service

<div>Board State</div> <div><ul style="list-style-type: none"><li>PM/BM My Work list</li><li>PM Notice</li></ul></div>	<div>PM Spec Process</div> <div><ul style="list-style-type: none"><li>Spec Undefined</li><li>Spec Matched</li><li>Spec Started</li><li>Spec Undefined</li><li>Spec Matched</li></ul></div>	<div>PM Process</div> <div><ul style="list-style-type: none"><li>Created</li><li>Executed</li><li>Checked</li><li>Wait Executed</li><li>Completed</li></ul></div>	<div>BM Process</div> <div><ul style="list-style-type: none"><li>Created</li><li>Verified</li><li>Executed</li><li>Evaluation</li><li>Completed</li></ul></div>
<div>History</div> <div><ul style="list-style-type: none"><li>PM</li><li>BM</li></ul></div>	<div>Alarm Push</div> <div><ul style="list-style-type: none"><li>PM Alarm</li><li>BM Alarm</li></ul></div>	<div>Setting</div> <div><ul style="list-style-type: none"><li>Home View</li><li>My Shop</li><li>Language</li><li>Push</li></ul></div>	<div>Etc.</div> <div><ul style="list-style-type: none"><li>Camera</li><li>Image upload Excel</li><li>import/export</li><li>User authority</li></ul></div>

## 01 Screen-responsive UX/UI structure



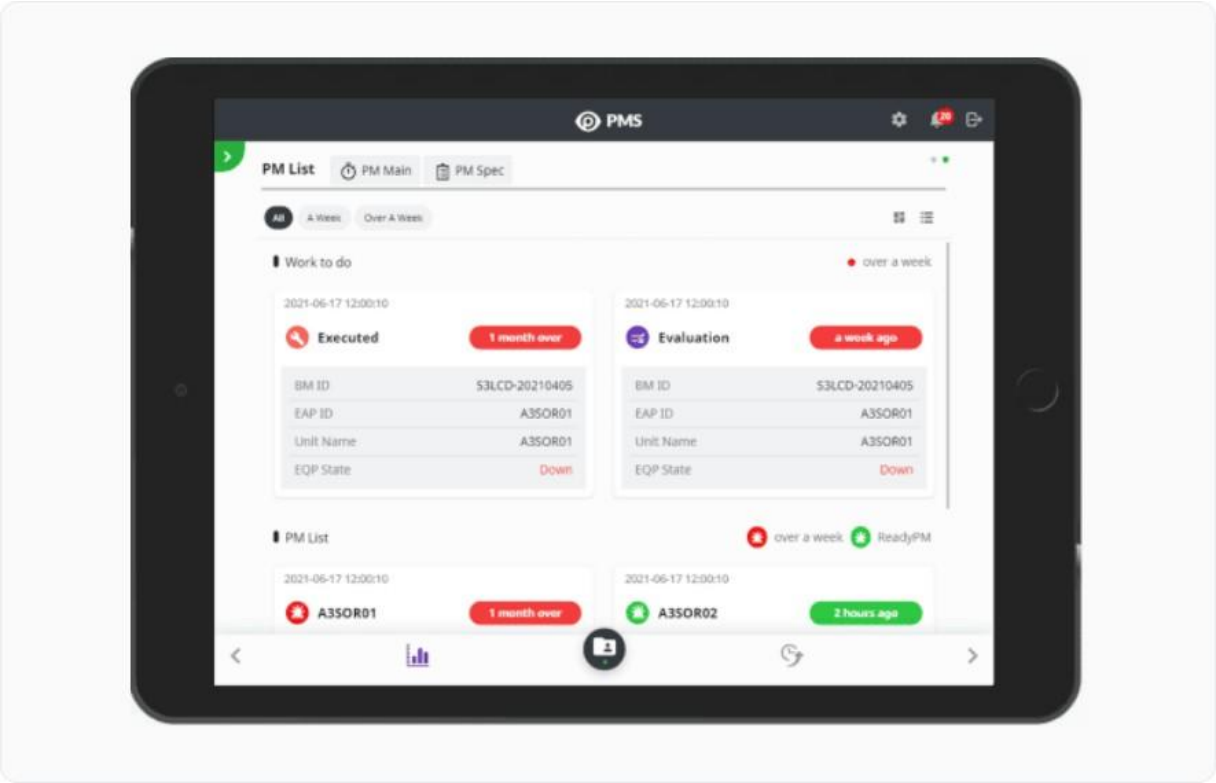
## 02 My Work List - PM

### Work List

- Search
  - All / A Week/Over a week
- View
  - Table List View/ Box View

### PM List

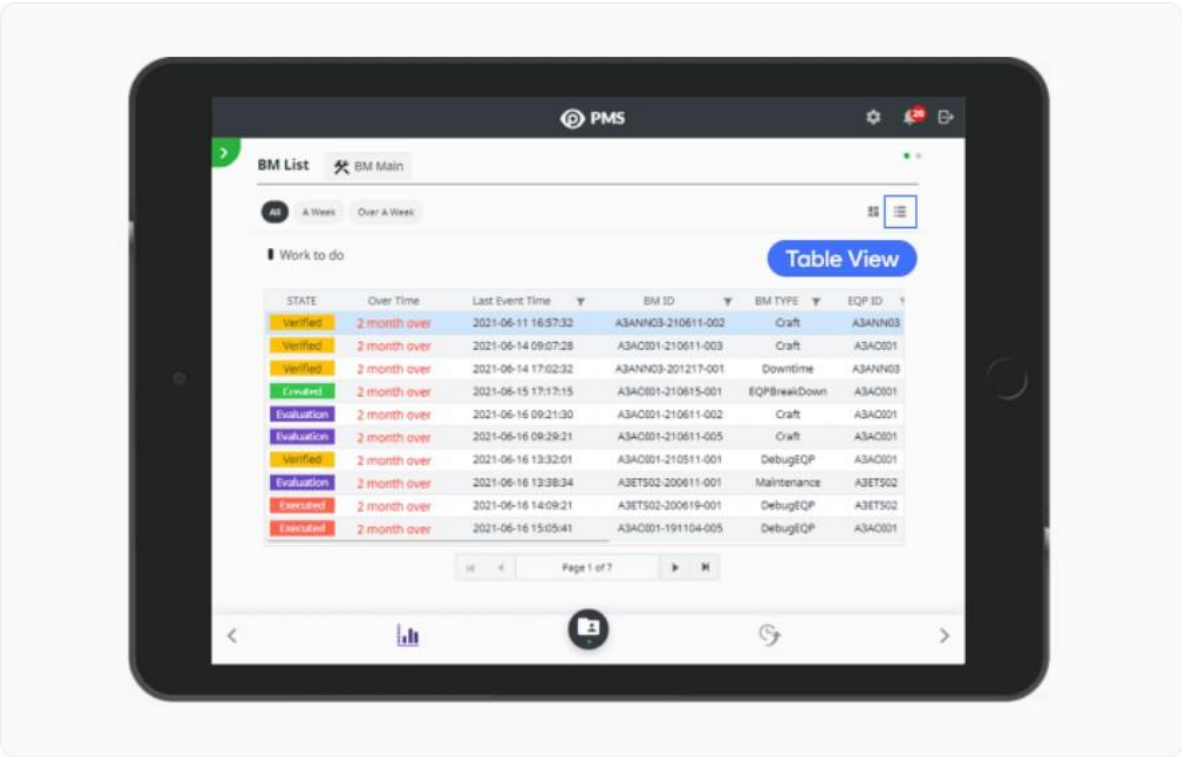
- Search
  - Over a week/Read PM



03 My Work List - BM

Work List

- Search
  - All / A Week / Over a week
- View
  - Table List View / Box View



04 My Work list

