Asset Usage Period

Module Guide: Asset Usage Period

Module Location

Settings > Maintenance - Fixed Assets > Asset Usage Period

Module Purpose

The **Asset Usage Period** module serves as master data to define standard operating cycles or intervals for fixed assets. Its main goal is to create period templates (based on time, operating hours, or other units) that can be used to automatically schedule preventive maintenance and track asset usage. This is the foundation of proactive maintenance management strategies.

1. Main View (Usage Period List)

The main page displays a list of all configured asset usage period templates.

View Explanation

- **Filter**: Allows searching based on **Period Code**.
- **Usage Period List Table**:
  - **Period Code**: A unique code for each period template.
  - **Period Name**: A descriptive name (e.g., "Maintenance Cycle 500 Hours," "Monthly Operating Period").

    - **From** and **To**: The valid date range for this period template.
    - **Unit Type**: The unit of measurement for the period (e.g., Hours, Days, Months).
- Currently, the table shows "...No Data...", indicating that no periods have been defined.
- **Action Buttons**:
    - **New**: Opens the form to create a new period template.
    - **Delete**: Deletes the selected period.

2. Add Asset Usage Period Page

This form is used to define an operational cycle in detail and link it to specific assets.

View Explanation

- **Basic Information**:
    - **Period Code** and **Period Name**: A unique and descriptive identity for the template.
    - **Unit Type**: The unit used to measure the cycle (e.g., Hours for production machines).
    - **Usage Planning Type**: Determines the planning basis (e.g., per day).

- **Period**: The date range during which this template is valid.

- **Options and Schedule**:
  - **Asset Meter Each Usage Period**: A checkbox that likely functions to reset the asset usage meter (e.g., running hours) back to zero each time this period ends.
  - **Periodic Maintenance**: A crucial section to link maintenance schedules to this period.
  - **Asset Selection**: Two list boxes that let users select which assets will follow the operational cycle being defined.

3. Steps to Create a Usage Period

1. Ensure all relevant assets have been registered in the asset master data.
2. From the main page, click the **New** button.
3. Fill in the **Period Code**, **Period Name**, and select the appropriate **Unit Type** (e.g., Hours).
4. Specify the date range of the **Period**.
5. Select assets from the available list and move them to the selected assets box.

6. Configure options such as meter resetting and link maintenance schedules if necessary.

7. Click **Save**.

4. Integrated Workflow & Business Process

- **Preventive Maintenance Management**: This is the main integration. A period created here (e.g., "Maintenance every 500 hours") acts as a trigger for the system. When an asset's usage meter approaches 500 hours, the system will automatically generate a Work Order for preventive maintenance.

- **Scheduling Automation**: This module automates maintenance scheduling, shifting the approach from reactive ("fix when broken") to proactive ("maintain before failure").

- **Asset Usage Efficiency**: By tracking asset usage against established cycles, management can analyze whether an asset is optimally utilized and if its maintenance schedule is effective.

- **Maintenance Resource Planning**: Based on upcoming schedules generated from these periods, the maintenance department can better plan for technician needs and spare parts inventory.

5. Tips & Important Notes

- The **Unit Type** must align with how asset usage is measured in the field (e.g., working hours for machines, kilometers for

vehicles).

- Collaboration with the Maintenance Department is crucial when configuring this module to ensure cycles comply with manufacturer recommendations and operational needs.
- The "Reset Meteran" (Reset Meter) function should be used carefully, as it affects how the system calculates the time until the next maintenance schedule.
- Access to this module should be controlled and managed by the Maintenance Manager or Asset Manager.

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