



Dec 2025

**WATS Feature Release Note
Asset Calibration improvements 25.3**



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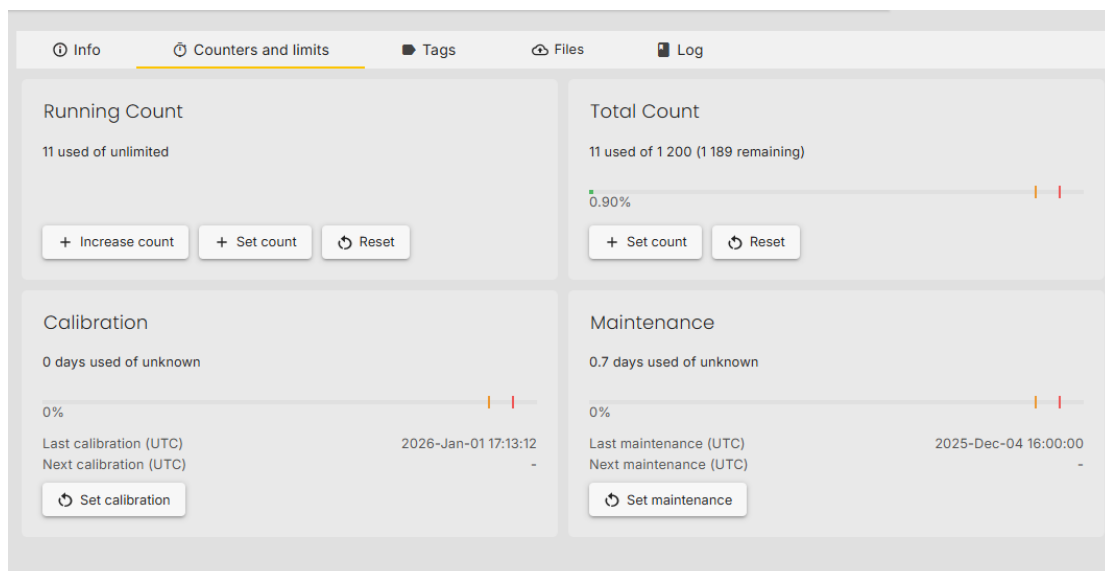


The Asset Manager and related APIs have been significantly improved to enhance calibration handling, integration flexibility, and data accuracy.

Asset Manager

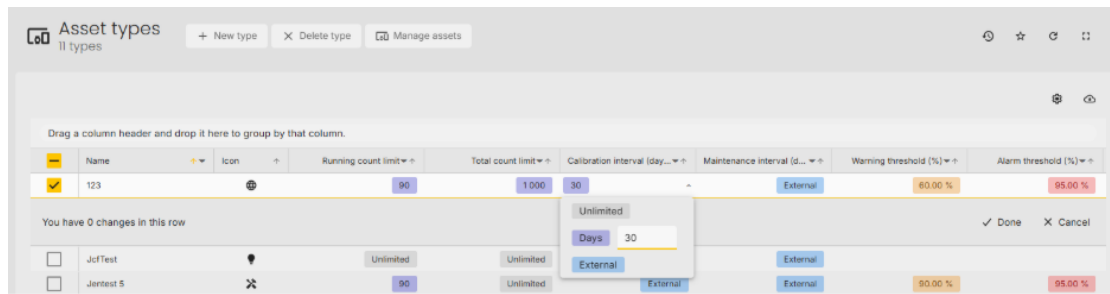
The **Calibration** interface has been redesigned with improved usability:

- The *Reset* button has been renamed to **“Calibrate”** or **“Set Calibration”** for clearer function labeling.
- A new **“To Date”** field has been added when the *Calibration Interval* is set to *External*.
- A **Total Count reset** option has been introduced (with appropriate restrictions).
 - Editing Total Count requires the new “Edit Total count” permission, found under Control Panel -> System & Assets -> Asset Manager -> Edit counters and limits. Administrators and Managers will get this permission by default.
- Logging improvements prevent duplicate entries when the calibration date is unchanged.



Asset Types

- New dropdown options have been added for Running Count Limit, Total Count Limit, Calibration Interval, and Maintenance Interval, allowing for enhanced configuration. You can now set *Running Count Limit* and *Total Count Limit* to **Unlimited**, while *Calibration Interval* and *Maintenance Interval* offer both **Unlimited** and **External** options. This upgrade makes it easier to integrate with external calibration and maintenance systems.



API & Integration

- New REST API endpoints introduced for external system integration:
 - **Asset/Calibration/External** – Enables calibration updates with custom date ranges.
 - **Asset/Maintenance/External** – Enables maintenance updates with custom date ranges.
 - **Asset/SetRunningCount** and **Asset/SetTotalCount** – Allow external systems to update count values.
 - **Asset/ResetRunningCount** – Backend endpoint for controlled running count resets.
- Existing API calls have been verified and extended to support *External* calibration and count scenarios.

Database & backend

- Database schema updated to support *Next Calibration* and *Next Maintenance* dates.
- Added new columns and flags to support *External* and *Unlimited* configuration values.
- Internal services and background jobs (e.g., Hangfire triggers) updated to recognize and handle *External* calibration logic.