

SWI IoT Cloud - Customer Release Notes

Version: v3.20

Date: January 30, 2026

We are pleased to announce the release of IoT Dashboard v3.2. This release expands the platform's visual-data and inspection capabilities, adds gauge detection and improved shift-detection integrations, refines alert and map behavior, and includes mobile app and IM300 visual device support as platform functionality.

IoT Platform Updates

New Capabilities

- **Visual & Inspection Enhancements:** Added support for a visual data line chart on the Visualization page so users can view time-series visual measurements directly in the UI for easier trend and anomaly analysis.
- **On-demand Virtual Inspection:** Added a button to perform a Virtual Inspection on-demand from the UI for immediate snapshot capture and review.
- **IM300 — Visual only (platform support):** IM300 devices are now supported by the platform in visual-only mode and participate in dashboard visualization, inspection and alerting workflows.
- **Gauge Detection integration:** Gauge detection and automatic gauge reading are integrated into the Dashboard to extract numeric gauge readings from visual snapshots.
- **Mobile app integration (IOTAPP v1.5):** Mobile access to devices, inspections and alerts is provided through the platform mobile client, including support for IM300 visual devices.

Enhanced User Experience

- Improved map zoom, clustering and map styling behavior on alert-management pages for clearer visualization of alert locations.
- AI Shift Detection improvements to increase the accuracy and reliability of detected visual shifts.
- Improved loading behavior for containerized UI components so pages feel faster and more responsive.
- Date range dropdown selected dates now synchronize with the custom date modal for consistent date selection behaviour.
- Virtual Inspection (VI) data graphs on device instance pages now show points by default.
- Gallery page revised for reference snapshots and improved handling and presentation of reference images.

- Visualization instance page items made consistent with device instance page items for predictable interactions.
- Added icons to navigation and refined layouts (including AMS instance pages when no latest snapshot is available) for a cleaner, more consistent experience.
- Consolidated non-critical reasons for a red envelope (other than alarm/expired/offline) into a single “warning” status on the overview page to reduce noise.
- Handled the case where a reference image is older than retention and has been deleted — the UI now provides clearer messaging and fallbacks.

Reliability & Polish

- Proper enforcement of maximum number of alarms/templates to prevent exceeding configured limits.
- Fixed issues where “Open DVS snapshot in new window” and “Download snapshot” could glitch from the Device Instance page.
- Fixed the Last X Unit date range so it now respects the selected units and displays accurate ranges.
- Refactored the snapshots modal to improve error handling for missing references or triggers and to provide clearer user feedback.
- IM500 visual data plot default date range changed to 7 days for a more useful initial view.
- Changed alarm-class sort to a filter on the DVS device page to make it easier to find relevant alarms.

Integration Enhancements

- Integrated shift detection and gauge-reading results with AMS so detected events and readings are available within asset workflows and reporting.
- AI gauge-reading integration surfaces automatic readings in asset records and workflows to support maintenance and reporting needs.
- Visualization and device page parity and DVS improvements improve discoverability and consistency for device and visualization users.

Additional Notes

- The release focuses on delivering richer visual data support, AI-assisted inspection capabilities, and a more consistent, reliable platform experience across web and mobile.
- For questions or support, please contact your Systems With Intelligence representative.