

SWI IoT Cloud - Customer Release Notes

Version: v3.40

Date: August 14, 2026

This release expands asset-centric workflows, Advanced Analytics configuration, DVS integration, mobile alarm visibility, and device capabilities. It also improves thermal and visual configuration, alert management, dashboard usability, and platform reliability.

Advanced Analytics

Advanced Analytics workflows have been expanded to provide greater control over gauge, shift-detection, and thermal monitoring applications.

Enhancements

- **Gauge Detection:** Expanded gauge configuration capabilities, including organization-level gauge configurations, gauge labels, configurable minimum and maximum values, and support for defining and confirming gauge markings.
- **Shift Detection:** Users can now set the shift-detection threshold to better tune detection sensitivity for the monitored application.
- **Thermal Alarm Analytics:** Added MAX/MIN comparison thermal alarms across a single polygon or multiple polygons to support comparative temperature monitoring.
- **DVS Gauge Alarms:** Gauge alarms can now be created for DVS devices and integrated with alert management, alarm triggers, registrations, and templates.

Intellinspect™ Platform Updates

New Capabilities

- **Asset-Centric Workflows:** Added and expanded Asset pages, including device details, navigation from Virtual Inspection assessments, and the ability to open the corresponding snapshot from a visual-data point.
- **Asset Selection:** Added support for selecting by Asset across dashboard workflows, including DVS visual camera setup.
- **Asset Manager:** Added copy-and-paste support for asset nodes and metadata templates, with improved node visualization and configuration.
- **Virtual Inspection:** Users can now manually delete Virtual Inspections when they are no longer required.

Enhanced User Experience

- Alert Management views are more asset-focused, with updated columns and filtering.
- Improved Asset Tree color contrast and presentation for easier navigation.
- Granular Intellinspect permissions provide more precise control over access to platform functions.

IoT Platform Updates

New Capabilities

- **DVS Alarm Visibility:** DVS devices can display active-alarm indicators and can be filtered by active alarms.
- **DVS Visual Data:** Visual-data graphs for DVS devices are now available from Visual Camera Setup, with the latest visual snapshot shown in DVS alarm configuration.
- **IoT Status Integration:** Added access to the IoT Status site and support for status email subscriptions.
- **User Guide Access:** The platform User Guide is now directly available from the Dashboard Help menu.

Enhanced User Experience

- **IM500 Thermal Polygon Editing:** Polygon vertices are now displayed and can be adjusted for more precise thermal monitoring regions.
- **Visual and Thermal Setup:** Refined camera-setup workflows and improved handling and rendering of thermal images.
- **Dashboard Validation:** Improved validation messages throughout the Dashboard to make configuration issues easier to identify.
- **Live Overview Map:** Live updates now maintain the user's selected map zoom level.
- **Unified View Preferences:** Improved consistency of view preferences between IoT and DVS devices.
- **Alert Notifications:** Alert assignees can receive email notifications when associated events occur.

Mobile App Updates

The IoT Mobile App has been updated to v1.70 as part of the v3.40 platform release.

New Capabilities

- **Alarms & Events:** Added Alarms and Events visibility and access to historical alarm triggers from the mobile app.
- **Wi-Fi Configuration:** Added the Verify BSSID option to mobile device configuration.

Reliability & Usability

- Improved session persistence across app reloads.
- Improved LAN configuration keyboard navigation.
- Improved Device Finder status handling for Expired and Warning device clusters.
- Improved Bluetooth connection and permission handling, along with general loading and error-state UX improvements.

Device & Firmware Updates

- **IM300:** Added IR firmware capability.
- **IM300 and IOT-Core IM500:** Corrected an issue that could prevent time synchronization using NTP and removed unnecessary FFC flag handling from the main firmware.
- **Particle IM500:** Firmware maintenance includes manufacturing-test and FFC handling corrections.
- **SM500, CloudNP, and SCADAViewer:** No functional changes in this release.

Reliability & Polish

- Improved chart handling, including cases where not all configured boxes were displayed and performance for long SM500 time ranges.
- Improved snapshot loading indicators and visual-data refresh behavior.
- Improved sorting and filtering behavior across dashboard tables and alarm workflows.
- Improved handling of invalid alarm or thermal records to prevent CloudConnect processing interruptions.
- Expanded role-based access controls for DVS devices and strengthened device-access checks.

Additional Notes

- This release focuses on making asset and analytics workflows more configurable, extending DVS and mobile functionality, and improving the reliability and consistency of visual and thermal monitoring.
- For questions or support, please contact your Systems with Intelligence representative.