

SWI IoT Cloud - Customer Release Notes

Version: v3.30

Date: April 20, 2026

This release includes updates to Advanced Analytics workflows, improvements to visual inspection and alert management, expanded device capabilities, and updates across firmware and mobile applications.

Advanced Analytics

Advanced Analytics functionality has been updated with improvements to detection workflows and integration with inspections and alerts.

Enhancements

- **Shift Detection:** Improved workflow and control of when shift detection is executed, including alignment with scheduled snapshots and better handling of reference images.
- **Level Detection:** Improved integration with dashboards, alarms, and asset workflows for more consistent visualization and reporting.
- **Gauge Detection:**
 - Improved integration of gauge readings into dashboards and workflows
 - Ability to ingest DVS images for gauge reading via Virtual Inspection
- **Multi-Device Thermal Alarms:** Continued improvements to configuration, visualization, and integration within alert workflows.
- **Advanced Analytics Dashboard:** Refinements to improve visibility and consistency of analytics data.

Intellinspect™ Platform Updates

Enhancements

- **Visual Inspection Improvements:**
 - Ability to edit devices within an inspection
 - Improved configuration and layout of inspection workflows
 - Improved handling of snapshots and inspection data
- **Alert Management Improvements:**
 - Improved filtering (including alarm type filtering)
 - Improved display of alert status and associated context
 - Better integration with analytics outputs (shift, level, gauge)

IoT Platform Updates

New Capabilities

- **IM300 IR Support:** Thermal (IR) capability added to IM300 devices
- **High-Resolution Visual Support:** Visual snapshots now support 2MP resolution across supported devices.
- **Mobile App:** Ability to add devices directly from the IoT Mobile App
- **New Alarm Type:** Rate-of-change alarms for visual and thermal data

Enhanced User Experience

- **Improvements to UI/UX for:**
 - Visual and thermal box configuration
 - Alert and alarm management pages
 - Visual inspection assessment layouts
- **Enhanced filtering across:**
 - Gallery
 - Alarms and events
 - Device and asset views
- Improved consistency across dashboard, device, and visualization pages

Reliability & Polish

- Improved handling of large data payloads and snapshot processing
- Enhanced error handling for invalid or missing snapshot data
- Improved visibility of device status, including alarm and warning states
- Stability improvements across dashboard, alerts, and inspection workflows
- **Firmware-level improvements to:**
 - Device connectivity and reporting
 - Image handling and processing
 - Thermal imaging stability

Integration Enhancements

- Integration of Advanced Analytics outputs (shift detection, level detection, and related data) into alert management and asset workflows
- Improvements to API efficiency and backend processing

- Improved consistency between device pages, visualization pages, and inspection workflows

Additional Notes

- For questions or support, please contact your Systems With Intelligence representative.