ComplianceGo
Stormwater Inspection Software

COMPLIANCEGO — 10/26 RELEASE NOTES

✨ COMPLIANCEGO 4.9.1 — HIGHLIGHTS

- **Site Maps is the center of this release — 40 of the 97 issues. Multi-page PDF upload, much deeper zoom, a reworked export, dated map items, an open-action-item counter and a last-edited date in the selector. Legend keys became first-class: badge characters are now stored separately from the label, so a key's letter and its description no longer have to be the same string. Text items gained a real font size and line breaks.**
- **Precipitation accuracy was rebuilt end to end. Daily totals were being written from the wrong day for the roughly 30,000 sites that carry no weather trigger, and a partial hourly series was being trusted as a complete day at the retention boundary and across skipped NOAA cycles. Both are fixed in the live path, the 1-hour MRMS series is now collected for every active site rather than the gated ~7,500, and a one-time repair pass corrects the existing history.**
- **Inspection reporting moved onto one template. The preferred output is now a single root template assembled from fragments with one stylesheet, rendered in HTML mode rather than TEXT mode — which removes the regex post-processing the 7-day forecast previously needed.**

BY FUNCTION / FEATURE AREA

✨ SITE MAPS

Upload, canvas and navigation

- **Multi-page map PDF upload.**
- **"Infinite zoom", or as near to it as the canvas allows.**
- **Improved pinch-to-zoom; display issues on iPads; tablets including iPadOS 13+ detected as mobile.**
- **Map search enhancement; closely grouped items handled.**
- **The item sheet closes when clicking the header, legend or menus.**

Legend

- **Enhanced managed map legend text boxes; badge keys get their own characters, stored separately from the label.**
- **Edit Map Legend Key page improvements.**
- **A legend-key edit that changes only letter case is no longer silently dropped.**
- **Apply-to-All makes one legend-level API call instead of N per-item calls, removing the 500s on lock contention that left items stale.**

✨ SITE MAPS, CONT

Text and shapes

- **Line breaks in the text icon and improved text icon behavior.**
- **Icon numbers render as white text on a dark background.**
- **Change Shape no longer renders the new shape with overhang, white space or a flat edge until resized.**
- **Changing shape then color no longer reports "label used"; editing a text item no longer reports "Label Used" when the map holds several.**
- **Editing a line twice no longer makes every line of that type disappear.**
- **The circle icon in the icon popup no longer carries a blue background.**

Items, dates and action items

- **"Last Edited" date in the selector; created date in the site-map list.**
- **Open-action-item counter for a site map.**
- **The Add Action Item button appears for Editors.**
- **A reopened action item's pin no longer stays grey.**
- **Future dates blocked in all map date pickers; initial note restored when adding an icon.**
- **Action items hidden on a view-only map when the hide-inspections-and-action-items feature is on.**

Export and reporting

- **Site map export improvements.**
- **"Attach Site Maps": an inspection's attached map links to a saved PDF export rather than the live map.**
- **Action Log text size raised to Large in the export; the action-item icon in the history report and export matches the current design.**
- **Map export on iPad no longer returns a white page.**
- **Map History report options sort alphabetically; a map with no items no longer leaves a spinning circle.**
- **Picture/attachment popup formatting.**

✨ PERFORMANCE & RELIABILITY NOTIFICATIONS

- **Email notification sender moves to noreply@compliancego.com.**
- **The expired-permit notification goes out when the recipient is signed up on the municipal side.**
- **Updated phone number in the email footer.**

✨ WEATHER & PRECIPITATION

- Duplicate entries in Daily Precip Reports.
- The live close path skipped finalizeDay because a lookup closed the day first, and set the type without computing the value.
- closedDayTotal no longer trusts a partial hourly sum as a full day.
- Current-day precipitation no longer shows the previous day's rain until the first hour is collected.
- Missing hours in the Hourly Precipitation Report; 25-hour delay on weather notifications.
- The 1-hour MRMS series is collected for every active site.
- The mrms_precip archive preserved one day in seven — a weekly archive running against a daily purge.
- A one-time pass repairs daily totals after the deploy is verified, with runbook corrections.
- The 7-day forecast is stored as a fragment, so the inspection report no longer regexes it out.

✨ INSPECTIONS & SIGNATURES

- Sign 2nd+ signatures by email without logging in.
- Signing out of order no longer errors .
- "View on Site Map" links in the action log.
- Admin inspections for MS4s.
- Mobile: no longer need to double-tap to start typing after typing in another field.

✨ REPORTS

- Single root template with fragments and one stylesheet; HTML-mode rendering.
- Action Log photo-thumbnail page-break improvements; more spacing between column headers.
- Metadata on action-item photos.
- The org address displays without needing every item toggled on.
- Action Item Verifier columns were always blank; Site Contact columns were always blank after contacts moved to site_contact.
- CustomContextService no longer errors on a zero-option choice column.

✨ FORMS

- Date Selector form item.
- A form-input-choice item with no choices no longer breaks the form.
- Site form assignments can be edited and removed again.

✨ LOGIN, BRANDING & NAVIGATION

- Branded login fixes; branding no longer reverts to CGO on refresh.
- Password login returns the correct messages.
- The org manage page no longer errors on mobile; the map icon is no longer cut off on some devices.

✨ ADMINISTRATION & SECURITY

- Saving an org feature subscription evicts the feature caches, which were stale for up to five minutes.
- CORS allowed origins derive from the configured frontend and map base URLs.

✨ BUILD, TOOLING & INTERNAL

Not user-facing, but part of this release's delta:

- UI dependency cleanup and styling convergence
- Migration off the deprecated fetchResponse() across 63 call sites
- Continued Redux → React Query migration
- Uuid type parity, import-cycle and route-guard fixes, dependency and config cleanup, release-process changes
- Two defects in the v4.10/002 migration itself caught before production, and tooling.
- The *.compliancego.com certificates move to DNS validation.