
System Engineer 8 — What's New

v1.0.30.0 (July 2026)

Release Notes — v1.0.25 to v1.0.30 (5 Jun – 13 Jul 2026)

Covers builds 1.0.25 through 1.0.30. Main themes: session load/recall reliability, Tune-view layout correctness, light-theme support, and startup/stability hardening.

New features & UX

- Light theme rolled out to all users with a theme-switch dropdown, plus contrast and visibility fixes across views, styles and theme dictionaries. (#914, CHICDGWHMP-53)
- Preset devices now sort by rack and position, with a restore-to-default-order option. (#918, LINBIFR-135)
- Fixed toolbar width jumping between views. (#899)

Device & OEM support

- Added British Acoustics as an OEM. (#937)
- Corrected EM Acoustics device model names. (#909, CHICDGWHMP-124)
- Blocked saving a device with an unset "00" rack identifier, with a clear reason shown. (#908, CHICDGWHMP-121)
- Removed AES3 fall-over options from inputs that have no AES3 source, so channels no longer offer fall-over sources they don't have. (#913, CHICDGWHMP-126)

Session load, save & recall

- Restore device-side group membership and round-trip group EQ on session load. (#877)
- Translate/remap preset slot references across mismatched libraries when applying a session. (#879)
- Fixed false-positive FIR/Snapshot mismatches in session validation. (#876)
- Deactivate empty groups before applying a loaded session, and sync group visibility to the loaded session. (#895, #900)
- You can now save changes back to the loaded session (overwrite in place). (#910, CHICDGWHMP-122)
- Session save no longer masks failures: save-into-a-folder cross-thread error fixed, and save failures now surface on the UI. (#893)
- Added a Load Virtual Session button and clarified the session-load options (Create/Delete Virtuals). (#916, LINBIFR-136)
- Reworked the session-load options dialog and fixed the Apply Network Config toggle. (#919)
- Replaced the redundant Preview/Apply buttons with a single mode-toggle. (#906, CHICDGWHMP-106)
- Disable the Load Session button while a session is applying, with an added Cancel button and inline confirm warning. (#894, #896)

Tune view (layout & UI)

- Restore Tune-view module positions reliably across session reloads and across cross-device-type recall. (#881, #891, #905, CHICDGHMP-105)
- Stop the viewport snapping during re-routing. (#892)
- Align the Tune-view grid cell with the module's graphical size. (#901)
- Fixed duplicate modules appearing in Tune view by de-duplicating on stable module identity. (#922)
- Group icons in Tune view are now sized from the shared grid cell for consistent scaling. (#911, CHICDGHMP-123)
- Reduced the group mute button size in Tune view for a tidier layout. (#930)

Delay handling

- Zero-millisecond delay now round-trips correctly against the device: the delay-floor obcom is decoded as 0 ms, so a 0 ms setting no longer drifts on device sync. (#934, LINBIFR-137)
- Restored the 0 ms "magic" delay value in the quantized delay tables, so blank/default presets correctly keep 0 ms delay. (#921, LINBIFR-137)

Stability & crash fixes

- Reworked startup lock recovery: removed the bootstrapper-level stale-lock sweep in favour of per-open cleanup, avoiding stalls on startup. (#927)
- Startup database lock recovery is now bounded by a timeout with added diagnostics, preventing indefinite waits on a locked DB. (#917, LINBIFR-133)
- Fixed a hang in the Setup view caused by fall-over option lookups. (#926)
- Fixed a StackOverflowException in Tune view where the delay display was writing back into the model in a refresh loop. (#928)
- Fixed an intermittent NullReferenceException in the sync auditor on load, caused by a timer/dispose race. (#929)
- Fixed a collection-modified crash (race condition) in RefreshEntitiesProvider. (#872)
- Avoided a crash when support builds unresolvable ("Frankenstein") devices for customer troubleshooting. (#837)
- Fixed an unobserved socket-connect exception in discovery TCP diagnostics, and guarded against a null device layout in the selection narrative. (#902, #904)

Performance

- Insert performance improvements and an upgraded Skydas.Graphing NuGet package. (#870, #871, SYS8-1706)
- Fixed a missing "install library cancelled" path that was generating spurious Countly log items. (#890, SYS8-1718)