SPIDA®CALC v2026.0.1 RELEASE NOTES

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THIS POINT RELEASE RESOLVES ISSUES WITH SAVING PROJECTS TO OLDER FILE VERSIONS, CORRECTS TWO ANALYSIS ENGINE CALCULATIONS, RESTORES PLS POLE FILE DOWNLOADS IN THE CLIENT EDITOR, AND UPDATES SEVERAL THIRD-PARTY DEPENDENCIES TO ADDRESS KNOWN SECURITY VULNERABILITIES IN SPIDACALC AND SPIDASILK.

DEFECT FIXES

ANALYSIS

- Resolved an issue where a bug in syntax caused a wire's higher-order temperature adjusted stress-strain polynomials to be dropped.
    - When a conductor's stress-strain or creep polynomial was shifted from its reference temperature to the analysis temperature, the cubic and quartic terms were dropped. INITIAL tensions and sags (and, to a much smaller degree, FINAL) at temperatures away from the reference could be off by a few percent — most noticeably for AAC and copper conductors under cold/heavy or hot conditions. Re-analyzing existing projects may show slightly different tensions, sags, and pole loads. No changes to project or client files are required.
- Corrected the base cross-sectional area used by the analysis engine for round hollow wood poles. Unlikely to impact real use cases and projects.

FILE CONVERSION AND COMPATIBILITY

- Resolved an issue where analyzed projects saved to an older file version from v25 or v26 could not be reopened in v25 or v26. The version recorded in the analysis results is now updated when results are converted, so down-converted projects can be up-converted and opened as expected.
- Projects saved from v25.0.x or v26 to a version earlier than v25.0 can now be opened in that older version. The rectangle and polygon pole shapes introduced for sided poles are now removed from load case shape multipliers during down-conversion, since older versions do not recognize them.

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- Resolved a potential error when converting files containing insulator types from older schema versions.

Client Editor

- Resolved an issue that prevented PLS pole data files from being downloaded in the Client Editor. This fix applies to v26.0.1 and later; users who rely on this workflow should upgrade.

Reports

- The Project Detail report now correctly displays a "Location" header where it previously displayed "Lead."

General

- Where feasible, updated existing software dependencies to their latest versions and resolved various known security vulnerabilities.
- Various other minor bug fixes and upgrades to dependencies.

Restrictions

- SPIDAcalc client files and project files created in v2026 may not be compatible with older versions of SPIDAcalc.

Caveats

- Opening a client file or project file from a previous version of SPIDAcalc may take longer the first time it is opened as it is converted to the new file format.
- Importing designs from a project saved in a previous version may take longer as it is being converted to the new file format.
- Client files converted from previous versions should be reviewed to verify that all settings and values appear as expected. New features added to the *Client Editor* should be reviewed and implemented according to internal practices.

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