SPIDA® CALC V24.1.1 RELEASE NOTES

APRIL 2025

FEATURES & ENHANCEMENTS

FRENCH TRANSLATION

- The core SPIDAcalc user interface has been translated into French.
    - Refinements to the French translation will be made over the next few releases.
- In addition to the primary user interface, an initial French translation has been made for both client editor and reports.
- Import and export csv options and templates have also been translated into French.

CLOUD ANALYSIS

- Major service infrastructure and architecture improvements continue to support the exponential growth in usage of the cloud analysis service.

SECURITY UPDATES

- Update existing software dependencies to latest versions.

DEFECT FIXES

ANALYSIS

- Changes have been made to how SPIDAcalc sets the moment capacity of a section of the pole that fall in between defined capacities in the moment capacity table. SPIDAcalc now always rounds down and uses the capacity for the distance closer to the tip of the pole when setting capacity of sections of the pole. This is generally a conservative assumption but depends on how users have set up their moment capacity tables.
    - Additionally, SPIDAcalc now also requires a baseline moment capacity for the top of the pole (0ft from the tip) which will be used when no other table entries are applicable.

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- A bug has been fixed in how truss direction was saved and read when opening existing projects with trusses.
- Results viewer was not applying the intended default filtering logic upon first selection when the users selects the first cell in the summary. This has been fixed and results viewer is filtering as intended again.
- Resolved a graphical error that prevented results viewer from displaying valid clearance results when the expected clearance state name was missing.
- Syntax errors have been resolved inside Results Viewer which were preventing analysis results from being displayed under some conditions.
- When analyzing a fixed wind direction, results viewer was previously displaying the wrong wind direction in the load case settings summary. This did not affect analysis results, and did not change the wind direction that was actually analyzed or reported else where in results.
- Updates have been made to the post processor.

General

- Reports were updated to accurately display location GPS instead of 'undefined' under some conditions.
- An issue in Side View was resolved which prevented certain WEP heights and location information from being displayed under some scaling conditions.
- Support for some additional wir file types, formats, and versions are now supported for import.
- County selected for address in both Project Settings and Location Properties now saves correctly.
- Project and Design settings were previously not updating and displaying the relevant load case settings and information for the selected case.
- Option for load step count was removed from project settings as this option was only intended to be available per design, not project wide.
- Various other minor bug fixes.

Restrictions

- SPIDAcalc client files and project files created in v24.1 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.

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- 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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