

ASPEN Line Database Program

Version 2.6 Update

Please find enclosed the installation CD for *ASPEN Line Database*™ version 2.6. This maintenance release contains fixes for all known bugs to date.

You can run \ldb\setup.exe on this CD to create a new installation or to update an existing installation.

Please write to support@aspeninc.com in English (suporte@aspeninc.com in Spanish and Portuguese) or call (650-347-3997) us if you have questions.

New features and improvements in version 2.6

- When user select an entry in the wire browser form, the program displays in the bottom panel list of all line sections where.
- New Info tab in the Wire Type form to allow user to store custom wire data.
- New option to display line impedance in per-unit in the line browser form.

Bug Fixes between Versions 2.5 and 2.6

- The logic to prevent user from deleting entry in the wire browser when the wire type is being used in a line section did not always work reliably.
- The "Line report" command did not correctly report calculation error in some cases.
- Fixed bug in impedance calculation logic that caused the program to fail to recalculate line impedance when user modifies line structure in corridor form.
- Fixed bug that caused the program to alter impedance value for impedance line section when user selected "Recalculate Line Constants" from Tools menu.
- The program failed to report error when static wire in a structure is not found in the library.
- The program exported incorrect line length value to .csv file.
- Fixed bug that caused the program to display incorrect number of conductors in the bundle in the line section form.
- Fixed bug in Wire Type form that caused data error when user changed the impedance calculation method.
- Fixed error that caused the program to fail to start if the user does not have administrator privilege.
- Fixed bug in drawing logic that caused the program to show only part of the line when there are too many sections.
- Fixed bug in line length calculation logic.
- Fixed bug that caused error when in saving data of a line section that has mutual coupling with a tapped line.
- Fixed errors in logic for import data from Line Constants file that affected importing of: 1) consecutive sections having the same length; 2) line section with multiple circuits; 3) earth resistivity value.
- Fixed bug that caused the program to incorrectly display impedance values smaller than 0.001 in the line browser.

- Fixed bug that caused the program to display incorrect line impedance value in per-unit in the line browser.
- Fixed error in calculating mutual coupling for lines with taps.
- Fixed the bug that prevented user from resizing column width in corridor browser form.
- Fixed bug in copying line data to clipboard for pasting to ASPEN OneLiner program.