

This document summarizes the new features and enhancements available in PSAT version 24.0. All changes included are from PSAT version 23.0. For more details on these changes, please refer to PSAT documentation.

PSAT 24.0 Release Notes

1. PSAT Harmonics Analysis engine now included as a standard feature.
2. Bus Equipment and Node Name size increased from 32 to 64 characters
3. Automatic locking of phase shifter control when an open circuit is detected during powerflow solution
4. Increase the maximum bus limit from 100,000 to 150,000
5. Added Bus and Branch Equipment Names to "Area Tie Flow" Report
6. Apply color coding thresholds for SLD contour display based on VSAT criteria file data
7. Colour stations in contour view if "Bus Voltage (kV)" selected
8. Support station voltage and busbar voltage secondary labels for nodes
9. Allow navigation through station diagram GUI to neighbouring stations
10. GUI and logic to navigate through diagram history via new toolbar back/forward buttons
11. New context menu "Isolate equipment" command added for equipment
(opens surrounding breakers)
12. Support PSSE Rev34 format sequence data files
13. Add new menu option and Macro command to save an SLD as a bitmap or jpeg
14. Added a Ctrl+E and F9 keyboard shortcut to trigger powerflow solution