

Release Notes for RISATower Version 4.6

July 27, 2006

This document describes the enclosed Version 4.6 update for RISATower. Please install this upgrade at your earliest convenience. *Stand Alone Installation Instructions.pdf* and *Network Installation Instructions.pdf* files are available from the program download webpage.

Upgrade Instructions – Stand Alone Copies

If you are upgrading the program, you will need to install the program first. After the installation has been completed you will need to update your hardware key(s) using the Remote Update Service (RUS) password code. This code is contained in the Installation Information Sheet(s) that were emailed to you. Should you be unable to locate the RUS password, please contact our support department at support@risatech.com. Please refer to the *Stand Alone Installation Instructions.pdf* file, part B, Option #2 for more information.

Upgrading From the Network Version of 4.0

Before installing version 4.6, please take a moment to review the *Network Installation Instructions.pdf* file. If you are upgrading an existing network version, the instructions normally require you to perform only parts A, B, and C. For this upgrade, however, you will also need to update your hardware key as described in part D of the Network Installation Instructions. The key update must be performed with the new 2.1 version of the RISA Key Manager utility which is installed during part A. This key update must occur BEFORE you attempt to load the new license (Part B4 of the Network Installation Instructions). This is a one time update needed to establish compatibility between the key and the newer version of Sentinel LM that we are now running.

Documentation

RISATower manual will be installed in \Program Files\RISA\RISATower\Manuals directory. Hard copies will be made available to those who request them.

Program Enhancements and Bug Fixes

- Older versions of the program may save Rev. G project files with feed line types that are not compatible with Rev. G. Those types are now automatically converted on file opening.
- Program update facility (via Help | About RISATower... dialog box) added.
- Network client update procedure added.

- In some environments the County Listing DB failed to open and the message "County Listing database file: (...) cannot be found" was displayed.
- Under TIA-222-G force-couple antenna loads (entered on the Antenna Pole page) were not correctly allocated to load cases when pattern loading was generated.
- When code was switched from TIA-222-G to an earlier Revision, the Ka settings persisted and might require switching back to G to clear the Ka settings before the "Allow Shielding" option could be selected in the earlier Revision.
- Design wind forces limit based on solidity ratio of 1.0 ($2.1 \cdot A_g$) implemented, as per 2.6.9.
- Generation of "0.9D + 1.0Dg + 1.6Wo" load combinations corrected.
- Calculations of forces acting on Feed Towers corrected.
- Erroneous warning messages displayed for Class I towers eliminated.
- Problem related to screen resolution that affected accessibility of input pages fixed.