

## Software changes of the Sunways COM:

From version PT COM 4.1 onto 4.2 (Sunways PT series)

as well as version AT COM 4.0 onto 4.1 (Sunways AT series)

### Changes:

1. New certified countries in the main menu available:
  - a. Slovenia
  - b. Belgium
  - c. Bulgaria
  - d. Greece
  - e. Turkey
  - f. Netherlands
  - g. Slovakia
  - h. Austria
  - i. Denmark
  - j. England
2. Defaults according to ARN 4105: Characteristic of active power reduction in case of over-frequency.
3. PT: complete implementation of low voltage directive (AR-N 4105)
4. AT: Implementation of the low voltage directive (ARN 4105) except of: Asymmetric feed-in directive
5. Optimized dynamic scaling of histogram within the main menu.
6. Standardized measurement units within the visualization of the earnings.
7. Update procedure: If two Sunways browsers get updated simultaneously, the whole process is backed-up.
8. Extended error list: Additional status reports within grid-security-management functions and connecting requirements according to the middle voltage directive requirements.
9. Enhanced applet within the Sunways browser for monitoring purposes of earnings and errors.
10. SD card: Automated re-construction of flawed data logger files.
11. Modem functions: Enhanced modem- detection and communication.
12. Power-Controll Box: Current properties of power reduction preferences in the Sunways browser get applied immediately.
13. After updating the web-interface of the Schüco browser, the slave inverters get rebooted automatically.
14. String-Box CAN: String comparison warnings get displayed within the master-inverter page within the Sunways browser.
15. The Sunways modem gets supported again (was de-activated in version 4.1)
16. Incremental improvements and bugfixes