



Company: TESCO – The Eastern Specialty Company

Project: Tesco Device Manager (TDM)

SW Version: 2.2.0r

Release Date: October 12, 2026

Contents

TDM SW Revisions:	3
TDM SW Compatibility:	3
TDM SW Features Update:	3
TDM SW Bug Fix:	3
NextGen Software Revisions:	4
NextGen Software Compatibility:	4
NextGen Software Features Update:	4
NextGen Software Bug Fix:	5
SiteTester Software Revisions:	5
SiteTester Software Compatibility:	5
SiteTester Software Features Update:	5
SiteTester Software Bug Fix:	5
EvseTester Software Revisions:	5
EvseTester Software Compatibility:	5
EvseTester Software Features Update:	6
EvseTester Software Bug Fix:	6
Turbo Tester Software Revisions:	6
Turbo Tester Software Compatibility:	6
Turbo Tester Software Features Update:	6
Turbo Tester Software Bug Fix:	6
KCTS-8000 XA Software Revisions:	6
KCTS-8000 XA Software Compatibility:	7
KCTS-8000 XA Software Features Update:	7
KCTS-8000 XA Software Bug Fix:	7
Knopp Software Revisions:	7
Knopp Software Compatibility:	7



Knopp Software Features Update: 7

Knopp Software Bug Fix: 7

3-Phase Verification System (3PVS / TPVS) Software Revisions: 7

3-Phase Verification System (3PVS / TPVS) Software Compatibility: 8

3-Phase Verification System (3PVS / TPVS) Software Features Update: 8

3-Phase Verification System (3PVS / TPVS) Software Bug Fix: 8

TDM SW Revisions:

Base Software: 2.1.3r

New Software: 2.2.0r

TDM SW Compatibility:

- Compatible only with NextGen devices with firmware version 3.1.10r.
- Compatible only with CAT. 6330 (SiteTester) devices with firmware version 1.4.11r.
- Compatible only with CAT. T4000/T4350 (EvseTester) devices with firmware version 1.4.12r.
- Compatible only with Knopp devices with firmware version 2.0.3r (new in this release).
- Compatible only with KCTS-8000XA / KATC3 devices with firmware version 1.0.2r.
- Compatible only with Turbo Tester devices with firmware version 1.0.8r.
- Database version 4.1.12r.

TDM SW Features Update:

1. Add ability to run test sequences and manual tests, view live measurements, edit active TUT, and connect a device directly from the XA Testing page.
2. Add TODAY button in Full Sync popup (fix).
3. Add Meter Tag column to Manual Meter Testing sequence table.
4. Add CT information to Items page export; add filter to show only items with results.
5. Add tool tips to device widget buttons.
6. Change AEP and Location Code preference options from radio buttons to checkboxes.
7. Add preview option when Minimal View is selected in preferences.
8. Add reminders for meter sites due for calibration.
9. Allow REG or %ERR in NISC meter test results; add NISC meter test data import.
10. Add MultiSpeak push after each sequence test; integrate MultiSpeak into NISC exporter.
11. Add option to export all results at once; export multiple results to one PDF/CSV file.
12. Add multiplier value to meter import.
13. Add What's New link in TDM menu bar; add Terms of Service popup on install/start.
14. Remove Engineering Version message on TDM startup.
15. Update Measurement Canada EVSE Repeatability Report to latest version; add ability to modify ACT-100 test points for EVSE tester validation.
16. Add extra columns to CT Test Result page; add port/remote dir options for NISC SFTP.
17. Add Knopp testing support directly within TDM, including hold-and-measure button.
18. Add Start All / Stop All buttons to Bulk Testing page.
19. Add Class 320 meter forms to Form Defaults.
20. Auto-remove NextGen app when switching to another platform, to save space.
21. Encrypt RSA key stored in TDM binary.
22. Remove ANSI burden options from CT info and Knopp CT test result exports.
23. Remove software update support for KCTS/KVTS devices.
24. Export multiple results to one PDF/CSV file.
25. When exporting Knopp CT test results, remove 'multiplier' from report.
26. Have a Start All/Stop All button in Bulk Testing page.
27. Update Meter import in TDM to include multiplier.

TDM SW Bug Fix:

1. Fix Quick Sync continuing after DCTM disconnect.
2. Fix calibration-due popup showing incorrectly for meter sites.
3. Fix Service UI and Manual page meter info failing to load.
4. Fix NISC CSV file format; fix NISC meter result test date.
5. Fix deleted meter site still showing in TDM after sync; fix blank meter list after Full Sync.
6. Fix lock icons when ByPass is inserted.
7. Fix wrong initial tab selected on XA Testing page.
8. Fix viewing results from Item page; fix Item and Test Results pages for meter data.
9. Fix default MAX burden value in Edit CT Ratio popup.
10. Fix Tag Select button incorrectly disabled when tagged records exist.
11. Fix column widths changing when paging through DB records.
12. Fix Sync Today button; fix Set Tag button doing nothing on Full Sync.
13. Fix Pass/Fail displayed twice on Meter Test Result.
14. Fix Test Results button clipping.
15. Fix import errors for meterForm 12, 16S, and sites with blank service.
16. Fix crash exporting PDF report; fix crash when forgetting a device/site.
17. Fix Measurement Canada Repeatability export bugs; fix reverse energy handling in CFE standards validation.
18. Fix bug preventing all software updates from being applied.
19. Fix broken SFTP binary resource link.
20. Fix deletion of meter sites in Test Results; fix Delete option doing nothing on meter test result.
21. Fix Manual page not setting appropriate service when updating meter via EDIT.
22. Improve Site Creation error message clarity.
23. Fix ValidateDBFiles.pri DB version selection (was using alphabetical order instead of version number).
24. Fix Test Result page item combo box not refreshing after supported devices change.
25. Fix unsafe meter info edit during active pulse align; fix Meter View resetting when pulse align starts.
26. Fix meter serial number field going blank on 3rd character typed.
27. Fix multiple issues in Knopp (KVTS) testing via TDM.
28. Remove SW version check blocking EVSE-AC Validation on T4350 AC.
29. Fix ACTM100 retry incorrectly saving invalid test data.
30. Fix Sequence Results showing -0.00% instead of 0.00%.
31. Fix custom logo not working on 6330.
32. Fix CT info editor to properly handle CT info belonging to SiteTester or XA.
33. Remove unsupported 480V/600V voltage options for NextGen units that can't support them.
34. Fix Edit Meter Site popup shows incorrect meter values (Kh/Kt/TA)

NextGen Software Revisions:

Base Software: 3.1.9r

New Software: 3.1.10r

NextGen Software Compatibility:

- VRMs must be: VRM-MB, 5.3.0 or VRM-MB, 5.3.1 or VRM-MB, 5.3.2 or the VRM-MA / VRM-BL software 1.0.32
- FPGA must be version 1.3.2 or 1.3.4

NextGen Software Features Update:

1. Add ability to set date and time on NextGen devices.
2. Add splash screen to FTS-2990 on startup.

3. Add configurable Voltage/Current button navigation swap for FTS-2990.
4. Remove unsupported 480V/600V voltage options; disable UPDATE software option for old NextGen units.
5. Add ability to modify ACT-100 test points for EVSE tester validation (Measurement Canada); update ACTM100 validation.

NextGen Software Bug Fix:

1. Fix MULT label not translated correctly on Meter Info page.
2. Fix accuracy class not loading correctly on Meter Info page.
3. Fix missing WFG feedback during 24-hour time run test.
4. Fix countdown not starting.
5. Fix error calculation bug in Timed Register test.
6. Fix recurring critical DAC error popup (also affects SiteTester).
7. Fix Pulse Align shown/enabled in non-accuracy units.
8. Fix Energy Delivery Test not auto-calculating difference between initial/after-test readings (also affects SiteTester).
9. Fix false "Shorted circuit on VA" error at 120V meter setting with 240V test voltage.
10. Phase arrow buttons don't wrap around 360 degrees in NextGen Test Setup screen.

SiteTester Software Revisions:

Base Software: 1.4.9r

New Software: 1.4.11r

SiteTester Software Compatibility:

- MB-FPGA must be version "1.0.0S", "1.0.0r", "1.0.1r", "1.1.0r", "1.2.0r", "1.2.1r" or "1.2.2r" (latest in source: 1.2.2r).
- CT-FPGA must be version "1.0.0S", "1.0.0r", "1.0.1r" or "1.1.0r" (latest in source: 1.1.0r).

SiteTester Software Features Update:

1. Add ability to redo a test immediately after it completes.
2. Remove ANSI burden options from SiteTester burden list and related pages.
3. Improve Meter Site Due Calibration reminder.
4. Add display of elapsed time per pulse during pulse alignment test.
5. Add self contained meter test.

SiteTester Software Bug Fix:

1. Fix false WFG error popup when LCD is turned off (6330).
2. Fix Site Tester PDF draw issue.
3. Fix THD reading significantly inaccurate.
4. Fix max burden list missing some burden values.
5. Fix Calibration Status showing incorrect results.
6. Fix Critical DAC error keeps on popping up.

EvseTester Software Revisions:

Base Software: 1.4.11r

New Software: 1.4.12r

EvseTester Software Compatibility:

- GFCI-MA: 1.1.14r.
- PL4000-MA: 1.2.3r.
- MB-FPGA must be "1.2.0r" or "1.2.1r"
- MITM-MA: 1.0.4r.
- PL4150-MA: 1.0.6r.

EvseTester Software Features Update:

1. Add multiple preference options to change DC testing parameters; add ability to change testing parameters when testing chargers.
2. Add automatic retry for failed DC communication requests and GFCI serial comm errors.
3. Improve PL4150 fan speed control at low current; increase over-temperature trip time to reduce false trips.
4. Add printed test receipt for Tesla AC testing.
5. Add Port name field to EVSE calibration test results (Measurement Canada).
6. Add PL4K calibration functionality.
7. Fix so a repeat DC Post Charge command to PL4150 no longer returns an error if already in that state.
8. Add options to change testing parameters when testing chargers.

EvseTester Software Bug Fix:

1. Fix unit unable to test beyond 100A (DC) due to incorrect PL4150 fan speed handling.
2. Fix wrong variable used during PreCharging under ISO-15118-2 protocol.
3. Separate CCS1 and Tesla DC ramp rate, add 2-tier ramp rate for Tesla DC to fix emergency shutdown.
4. Fixed issue where you can't test beyond 100A(DC) because it was stuck waiting for a wrong PL4150 fan speed.

Turbo Tester Software Revisions:

Base Software: 1.0.7r

New Software: 1.0.8r

Turbo Tester Software Compatibility:

No compatibility changes for this release.

Turbo Tester Software Features Update:

1. Add ability to manually edit time.
2. Add ability to redo a Cal/Cert point.
3. Fix HHD screen blinking (PWM change).
4. Add additional logging for HHD.

Turbo Tester Software Bug Fix:

1. Fix WFG calibration data not saving.
2. Fix creep test.
3. Fix Access Point IP not saving correctly.
4. Fix Service dropdown.
5. Fix T3 test result display showing broken results.
6. Fix Voltage Phases in T3 Report Creator.
7. Fix screen sizing issue when running on USB power.

KCTS-8000 XA Software Revisions:

Base Software: 1.0.1r

New Software: 1.0.2r

KCTS-8000 XA Software Compatibility:

No compatibility changes for this release.

KCTS-8000 XA Software Features Update:

1. Introduce expanded XA Testing workflow: sequence and manual testing, self-test mode, TUT and sequence results databases, sequence viewer/builder for custom test sequences.
2. Add RatioMismatch mode for Voltage Comparator types.
3. Add Ratio Self Test.
4. Add Active Burden testing support.
5. Hide XA Testing page automatically unless KATC3 / C3 support is enabled in preferences.
6. Increase decimal precision for RCF values in XA CSV export.
7. Improve THD display on KATC3 testing page.
8. Exclude CTs with zero primary rating from KATC3 CT sync.

KCTS-8000 XA Software Bug Fix:

1. Fix TUT records not displaying correctly.
2. Fix CCTI saturating without automatically changing range.
3. Fix several reported XA testing issues from customer feedback.
4. Fix CT unavailable as DB page item when only KATC3 is the supported device.
5. Fix reversed primary/secondary voltage and current inputs in Katc3MetrologyEngine.
6. Fix range change causing bad data for an FD test.
7. Temporarily remove E0.04 option from KATC3 UI.

Knopp Software Revisions:

Base Software: N/A

New Software: 2.0.3r (new product line)

Knopp Software Compatibility:

No compatibility changes for this release.

Knopp Software Features Update:

1. Support for Knopp is new in TDM v2.2.0r.
2. Merge KCTS-8000X changes to development branch.
3. Add KHC project to development branch.
4. Update RS232 serial transmit code to use KatcDataTransmitter class.
5. Rename ActiveCompBurdenStatus to KatcBroadcastStatus.

Knopp Software Bug Fix:

1. No Knopp bug fixes listed for this release.

3-Phase Verification System (3PVS / TPVS) Software Revisions:

Base Software: N/A

New Software: 0.0.0B (Beta) (new product line)

3-Phase Verification System (3PVS / TPVS) Software Compatibility:

No compatibility changes for this release.

3-Phase Verification System (3PVS / TPVS) Software Features Update:

1. 3PVS/TPVS is a new product introduced in TDM v2.2.0r.
2. Add firmware, UI, and diagnostics menu for 3PVS/TPVS.
3. Add handheld device support.
4. Add HTTP client.
5. Add support for new revision 2 board.
6. Add FPGA version reporting to device configuration data.

3-Phase Verification System (3PVS / TPVS) Software Bug Fix:

1. Fix FPGA “attention” state getting stuck in an infinite loop.
2. Fix newly flashed unit resetting repeatedly.
3. Fix image and title text display issues; fix issues on several pages.
4. Fix Waveform page UI; fix call file save.
5. Fix Presets move/reorder button.