

Template:TST100 stable FW&SW changelog

VERSION	RELEASE DATE	CONFIGURATOR CHANGES	FIRMWARE CHANGES
55.01.10.Rev.00 1.6.11 R.39	2022.09.12	<ul style="list-style-type: none">• [ADD]: Added timestamp backup description.• [CHN]: Corrected misleading and outdated tooltips.• [ADD]: Added Hergele scooter protocol.• [ADD]: Added SIM card tamper protection feature.	<ul style="list-style-type: none">• [FIX]: Fixed BLE Sensor Custom IO SMS sending with value NaN and displaying as ASCII in Configurator.• [FIX]: Fixed device constantly opening and closing GPRS with permanent link if APN is empty in configurator.• [FIX]: Fixed permanent link not changing protocol after reconfiguration.• [CHN]: Updated FOTA WEB protocol ID 0x04 => 0x05• [FIX]: Increased connection interval in order to speed up connection through BLE terminal.• [FIX]: Fixed POSI command skipping.• [FIX]: Fixing network stability issues.• [FIX]: Fixed timestamp not renewing for Eddystone beacons.• [FIX]: Added condition to prevent closing socket, if GPRS command is received and response was not sent yet.• [ADD]: Added SIM card tamper protection feature.• [ADD]: Added BT whitelist for Solebe lock.• [ADD]: Hergele scooter support added.• [CHN]: Increased external queue size to prevent abnormal restarts during BLE scan.• [FIX]: Fixed a broken GSM connection due to incorrect SIM card selection.• [ADD]: HeadLight status in Scooter IO added
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55.01.02.Rev.01 1.6.11_R.30	2021.11.03	<ul style="list-style-type: none">• Changed SMS Timezone label.• GNSS source parameter mask changed to allow only valid GNSS modes.• Changed scooter speed limits IOs high/low ranges and default values.• Added Segway Cable Lock I/O elements.• Changed unauthorized movement buzzer control default values.	<ul style="list-style-type: none">• SMS commands updated. Commands will return time with time zone applied.• Added Segway wired lock support.• Movement detection tracking fixed.• For GNSS source parameter only available values can be set.• Fixed Unauthorized Movement event SMS sending.• Fixed record generation with correct AVL ID for Unauthorized Movement.

55.00.22.Rev.00 1.6.11_R.27	2021.08.23	<ul style="list-style-type: none"> • Changed GNSS source parameter mask to allow only valid GNSS modes. • Changed scooter speed limits IOs high/low ranges and default values. • Changed Data Acquisition tool tips and labels. • Added Falldown auto calibration parameter. • Added Unauthorized movement functionality. • Added Last known position parameter. • Fixed GPS automatic always ON at the start. • Updated function to wake up the device if it is moved during "Data sending state". • Fixed I/O Sleep mode element to send an event messages on entering the mode. • Added Last known position parameter. • Added pulsedigout command with on/off timeouts in ms and repeats. • Fixed GNSS Fix status always on after changing GNSS source. • Updated restricted I/Os by scooter model and fixed battery lock status value. • Added Unauthorized movement functionality. • Added Falldown auto calibration support for TST100. • Changed Battery value SMS text format changed to unsigned int. • Added Segway MAX autodetection and MC FW update. • Added Segway ES autodetection and MC FW update. • Fixed periodic data record generation in order to avoid skipping. • Updated Segway ES2/4 FW (ESC 4.0.5). • Added a time guard if BLE scan job is stuck. • Fixed Unauthorized Movement event SMS sending. • Fixed record generation with correct AVL ID for Unauthorized Movement. • Fixed ext voltage value representation in battery SMS command response. • Fixed scooter speed limits IOs hi/lo ranges check. • Fixed unauthorized movement buzzer control using default values.
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55.00.14.Rev.00 1.6.11_R.19	2021.02.03	<ul style="list-style-type: none"> • Added Baudrate options. • Added Battery lock status Scooter IO element. 	<ul style="list-style-type: none"> • Added battery percentage value to the SMS. • Increased compatible beacons count from 25 to 100. • Fixed memory leak, when the GPS module is turned on and off frequently. • Changed scooters' IOs filtering depending on protocol. • Fixed locking behavior during ride. • Improved Movement detection. • Segway MAX MC FW was updated to 21.1.0. • Added Baudrate options. • Fixed temperature and FW version reading in FitRider e-kick scooters. • Fixed speed limit function. Added command <i>scsetspdlimt2s</i> for FitRider T2s e-kick scooters. • Added debug option for sending/receiving FitRider data packets. • Segway MAX scooters locking sequence changed: when scooter is moving and command to lock the scooter was received, the engine is turned off and after the scooter is fully stopped it is locked. • Added Battery Lock control command and Battery lock status IO element.
55.00.09.Rev.08 1.6.11_R.14	2020.10.16	<ul style="list-style-type: none"> • Updated scooter's FW rendering in E-Scooter I/O panel from DEC to HEX; • Added permanent link with server feature; • Removed accelerometer's autocalibration parameter; • Added 3 new I/O parameters - Normal/Eco/Sport speed limit; • Added BT Status I/O parameter; 	<ul style="list-style-type: none"> • Improved BLE lock functionality; • Added 3 new I/O parameters - Normal/Eco/Sport speed limit; • Updated Segway MAX kick e-scooter's MC FW version checking functionality; • Updated <i>scgetbtcode</i> and <i>sclookfor</i> commands; • Added BT Status I/O parameter; • Updated Segway MAX MC and BMS FW versions to 21.0.7 and 3.5.6 correspondingly; • Removed Segway scooter's model detection based on serial number. Make sure to always select the correct scooter's protocol! • Added SMS/GPRS command for packet's logging - <i>scdbg <arg></i>; <i><arg></i> = 1 - enable, 0 - disable; • Updated <i>scbuzzerctrl</i> command functionality with Xiaomi kick e-scooter; • Updated battery overheat detection.
55.00.09.Rev.1 1.6.11_R.8	2020.06.16	<ul style="list-style-type: none"> • Added permanent link with the server feature • Implemented Solebe Y905 Bluetooth lock feature with required parameters (Lock status, Lock battery) • Minor changes 	<ul style="list-style-type: none"> • Implemented permanent link with server functionality; • Added Solebe Y905 Bluetooth lock support; • Minor changes;