

Firmware Releases Overview Ott ecoLog 1000

Status	RELEASE	Current FW Version	V2.00.6
Owner	R&D / PM	Last Modified	September 04, 2026

Date	Filename	Version	Notes & Changes	State
2026-07-01	5545030293_02006_el1000.bin	V2.00.6	Changes: - BSP adaptation to HW Rev. D/3 - Add error handling in case APN is not set/empty in configuration (OTRS-306) Bugfixes: - IMSI read out failed (OTRS-305) - Improve sensor detection - especially for PLS500 - to avoid missing data (ORTS-310)	RELEASE
2026-05-20	5545030293_0200502_el1000.bin	V2.00.502	Changes: - BSP addaption to HW Rev. D/3 - Add error handling in case APN is not set/empty in configuration Bugfixes: - IMSI read out failed	TEST EXCEPTION

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			Improve sensor detection - especially for PLS500 - to avoid missing data	
2026-02-16	5545030293_02005_el1000.bin	V2.00.5	- Changes: - In case hardware/modem settings or settings were reset to factory settings and modem type can't be determined, modem will be disabled if type isn't correctly set to avoid possible damage. - Bugfixes: - Fix issue with data preparation (dividing data) and data transfer. Dynamic memory was not used (ORTS-275) and data transfer stopped after 6 data preparation cycles. - Fix issue where the device configuration was overwritten when restoring factory settings (root cause legacy modem HL7690 check). - Only count "blank" /CR to show terminal password prompt	RELEASE
2026-01-22	5545030293_0200401_el1000.bin	V2.00.401	Changes: - Add PAP/CHAP support for RC7620 (ORTS-263) Bugfixes: - Correct error handling and timing issues in FTP implementation (ORTS-256) - New password set procedure (first login) is not started in case of sending >2 carriage returns to avoid potential issues after a factory reset initialized by LinkComm (ORTS-261)	TEST EXCEPTION
2025-12-17	5545030293_02004_el1000.bin	V2.00.4	Changes:	RELEASE

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			- Add command to use PUK in case SIM card PIN is locked (ORTS-233) Bugfixes: - Enable SHA386 hash algorithm in mbtIs (ORTS-219) - Diagnose logs were not deleted in case of factory reset (ORTS-253) - Do not set modem baud rate during initialization every time (ORTS-249) - Test transmission result was marked successful in case of stopped / suspended communication (ORTS-250)	
2025-12-04	5545030293_0200307_el1000.bin	V2.00.307	Bugfixes: - Correct 0 byte configuration transmission (ORTS-217) - Rework login procedure to be compatible with Hydras3 (ORTS-225) - Fix problem with HTTPS authentication (ORTS-211) - Transmission left logic reworked (ORTS-242)	TEST EXCEPTION
2025-10-23	5545030293_0200301_el1000.bin	V2.00.301	Bugfixes: Solve issue with "odd" characters showing LC. Configuration was loaded encrypted from FLASH back to RAM which causes the effects in LC (OTTGWDL-2285)	RELEASE
2025-08-21	5545030293_02003_el1000.bin	V2.00.3	Bugfixes: - Logger does not enter low power <i>Internal:</i> Fix problem with bin patcher tool which did not replace build timestamp	RELEASE

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2025-08-20	5545030293_02002_el1000.bin	V2.00.2	Changes: - Add PLS500 workaround to avoid potentially incorrect pressure/level data - Add command to reset shell password for production testing purposes	RELEASE
2025-08-12	5545030293_02001_el1000.bin	V2.00.1	Changes: - Add modem version check in case no version is set or wrong version MA variant is set to MA1 - Secure shell: Password must be set by default (first login) and stored as SHA2 (256 bit) hash - Configuration is internally encrypted (AES256) - Firmware validation is done using a SHA256 hash value in header which is used instead of CRC32 - Update zLib to V1.3.1, LwIP to V2.2.1, TLS to V3.6.3.1 - Supports HDC2080 temperature and humidity sensor (Si7020 discontinued) - RED compliant - Enabled FTPS explicit, implemented FTP implicit and PROT P - Enabled TLS 1.3 with current secure ciphers Bugfixes: - Fix possible MQTT overflow in case of OTT-ML protocol	RELEASE
2025-01-16	5545030293_01016_el1000.bin	V1.01.6	- APN errors handling and long registration times improved - Small change for EMC test with future RC modem - Fixes for INA measurement - Fix issues with backmeup command for production	RELEASE

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			- PBAT settable through command - Add new diag entries on APN deletion and on PAP/CHAP selection	
2024-12-11	5545030293_0101518_el1000.bin	V1.01.518	-	TEST EXCEPTION
2024-07-01	5545030293_0101513_el1000.bin	V1.01.513	-	TEST EXCEPTION
2024-04-08	5545030293_0101506_el1000.bin	V1.01.506	Related Jira issue: OTTGWDL-2235	TEST EXCEPTION
2024-02-28	5545030293_01015_el1000.bin	V1.01.5	- Fix minor issues - Change externals handling in repo - Add new modem (waittime) working with new modem FW (V10) - Add Elrond modules & definitions	RELEASE
2023-10-19	5545030293_01014_el1000.bin	V1.01.4	Alarm on error now configurable	RELEASE
2023-01-05	5545030293_01012_el1000.bin	V1.01.2	- Fix retrieving last values - no measurement if we are below 10 secs - Fix SMS send issue for binary data - Fix factory settings upgrade and downgrade (downgrade only to this version)	RELEASE
2022-05-16	5545030293_01007_el1000.bin	V1.00.7	- MQTT test/fix for customer - Fix offering of SHA284 cipher suites as we do not support it - Fix potential memory overflow in local commandline when having no protocol determined - Add SMS sending for CAT M1 modem - FTPS included	RELEASE