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Release Notes

LATEST SOFTWAREVERSION	Technagon-OS 2.5.2
DATE	14.07.2025

Attention: Please note a special procedure if the version on the charger is lower than 0.0.12. Please first update the charging station to 0.0.12 (you can find this version in "older Release") and update the charger then to the latest version as described.

Release Name and Version

Name	Version	Release date	Information
TECHNAGON-OS 2.5.2	0.0.15 (20250708161337)	14.07.2025	Latest softwareversion
TECHNAGON-OS 2.5.1	0.0.14 (20250521094838)	16.06.2025	retracted
TECHNAGON-OS 2.5.0	0.0.13 (20250424103330)	17.04.2025	retracted
TECHNAGON-OS 2.4.0	0.0.12 (20250129180623)	05.02.2025	Downgrade to a version lower than 0.0.12 is not supported
TECHNAGON-OS 2.3.1	0.0.10 (20240604134555)	08.07.2024	Please first update the charging station to 0.0.12
TECHNAGON-OS 2.3.0	0.0.9 (20240328140048)	08.03.2024	Please first update the charging station to 0.0.12
TECHNAGON-OS 2.2.1	0.0.7 (20240220162643)	20.02.2024	Please first update the charging station to 0.0.12
TECHNAGON-OS 2.2.0	0.0.6 (20240122173023)	30.01.2024	Please first update the charging station to 0.0.12
TECHNAGON-OS 2.1.0	0.0.5	First version	Please first update the charging station to 0.0.6, downgrade to 0.0.5 is not supported

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TYP	Description	Information

Technagon-OS 2.5.2 – 14.07.2025

Changes made since version Technagon-OS 2.5.1 include the following.

TYP	Description	Information
FIX	Update process RFID reader firmware fixed	RFID reader without functionality after update to OS 2.5.1

Known Issues - Technagon-OS 2.5.2

TYP	Description	Information
KNOWN ISSUE	For OCPP "UpdateFirmware", the parameters "retries" and "retry interval" must be set to valid values	Recommended: 5 "retries" and 20 "retryInterval" The firmware update will otherwise fail eventually
KNOWN ISSUE	Modbus register "current offered" is not updated with value of "Schieflastregelung"	For example, the register contains: 32 A Actually offered: 20 A

Technagon-OS 2.5.1 – 16.06.2025

Changes made since version Technagon-OS 2.5.0 include the following.

TYP	Description	Information
FIX	Update process RFID reader firmware fixed	RFID reader without functionality after update to OS 2.5.0
FIX	Meter data freeze	Stop immediately after start charging - 0 kWh sessions

Known Issues - Technagon-OS 2.5.1

TYP	Description	Information
KNOWN ISSUE	For OCPP "UpdateFirmware", the parameters "retries" and "retry interval" must be set to valid values	Recommended: 5 "retries" and 20 "retryInterval" The firmware update will otherwise fail eventually
KNOWN ISSUE	Modbus register "current offered" is not updated with value of "Schieflastregelung"	For example, the register contains: 32 A Actually offered: 20 A

Technagon-OS 2.5.0 – 17.04.2025

Changes made since version Technagon-OS 2.4.0 include the following.

GIRO-E	Update RFID reader firmware for enhanced compatibility with giro cards	
OCPP	Public key integrated into the DataTransfer message	
POWER	Update load management client (load management step 2)	Automatic redistribution when a car is fully charged

Known Issues - Technagon-OS 2.5.0

KNOWN ISSUE	For OCPP "UpdateFirmware", the parameters "retries" and "retry interval" must be set to valid values	Recommended: 5 "retries" and 20 "retryInterval" The firmware update will otherwise fail eventually
KNOWN ISSUE	Modbus register "current offered" is not updated with value of "Schieflastregelung"	For example, the register contains: 32 A Actually offered: 20 A

Technagon-OS 2.4.0 – 05.02.2025

Changes made since version Technagon-OS 2.3.1 include the following.

FIX	Fix OCPP SmartCharging TxProfile in watts
FIX	Short-term deactivation (<10 sec.) of the current limitation when switching via EVU contact from 60% to 30% removed
FIX	Change of time zones fixed
FIX	Switching the TE logo on/off in the webUI fixed
FIX	In the case of a "RemoteStop", "EVDisconnected" was transmitted as the "Reason". Correct is "Remote"
FIX	Fixed misbehavior when changing password
FIX	Screen "Charging card rejected" is displayed for a sufficient length of time (3 sec)
FIX	Unfounded "undervoltage" error messages in the OCPP fixed
FIX	Ignoring malfunctions of the presence and/or brightness sensor

FIX	When charging ends after a meter error, the last known meter reading is transmitted	
FIX	Adjustment of the temperature-related switch-off	
POWER	Limitation to 4200 W possible in accordance with §14a EnWG (only with EVU contact option)	Change from 30% to 4,2 kW per Dipswitch possible see „Betriebsanleitung Lademodul" → „3.4 Schnittstellen des Ladecontrollers"
KOMMUNIKATION	A charging station can share its mobile connection and acts as DHCP server in your network	Only one modem and one sim card is needed for a couple of stations - See "Konfigurationsanleitung ab Technagon OS 2.4" → "1.4.1. Mobile" (available from 10.02.2025)
WEBUI	Modem can be deactivated via Webinterface	See "Konfigurationsanleitung ab Technagon OS 2.4" → "1.4.1. Mobile" (available from 10.02.2025)
WEBUI	Redesign Technagon Webinterface	See complete "Konfigurationsanleitung ab Technagon OS 2.4" (available from 10.02.2025)
MODBUS	Current meter reading integrated in Modbus register	See "Modbus Übersicht" → register 1018 / 2018

Known Issues - Technagon-OS 2.4.0

KNOWN ISSUE	For OCPP "UpdateFirmware", the parameters "retries" and "retry interval" must be set to valid values	Recommended: 5 "retries" and 20 "retryInterval" The firmware update will otherwise fail eventually
KNOWN ISSUE	Modbus register "current offered" is not updated with value of "Schieflastregelung"	For example, the register contains: 32 A Actually offered: 20 A
KNOWN ISSUE	"Lastmanagement – Stufe 2" load sharing malfunction during loading process paused	

Technagon-OS 2.3.1 – 08.07.2024

Changes made since version Technagon-OS 2.3.0 include the following.

MODBUS	Add Wattage registers
MODBUS	Reduced logging
OCPP	Remove sending proprietary DataTransfer with energy meter public keys
OCPP	Remove "remoteAuthUrl" ChangeConfiguration key (replaced by tariff keys)
OCPP	Allow whitespace and "false" to disable a tariff setting

Technagon-OS 2.3.0 – 08.03.2024

Changes made since version Technagon-OS 2.2.1 include the following.

HMI / OCPP	Add out-of-order-screen
FEEDBACK	Add acoustic feedback
HMI / OCPP	Add dynamic QR-Code (TOTP)
HMI / OCPP	Add price information
WEBUI	Add log download
WEBUI	Add system upgrade over Webinterface
FEEDBACK	Add brightness control
WEBUI	Add "never default" checkbox to priorize WAN connections (show „Konfigurationsanleitung" → „1.4 Network")
FIX	Fix EVSE enable/disable state persistence
FIX	Fix overcurrent shutdown (IEC 61851)

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Technagon-OS 2.2.1 – 20.02.2024

Changes made since version Technagon-OS 2.2.0 include the following.

FIX	Meter: date/time display
FIX	OCPP: Fix TriggerMessage
FIX	OCPP: Fix TxProfile in Watts
FIX	Fix load balancing
FIX	Fix access options
CHANGED	Disable remote access by default

Technagon-OS 2.2.0 – 30.01.2024

Changes made since version Technagon-OS 2.1.0 (first version) include the following.

CHANGE	Removed energy values from screen to avoid confusion with meter
OCPP	Add giro-e support
WEBUI	Add load balancing
FIX	Fix GetDiagnostics archive via OCPP