Edge2 V9.13.5 Release Note
2025/08/12
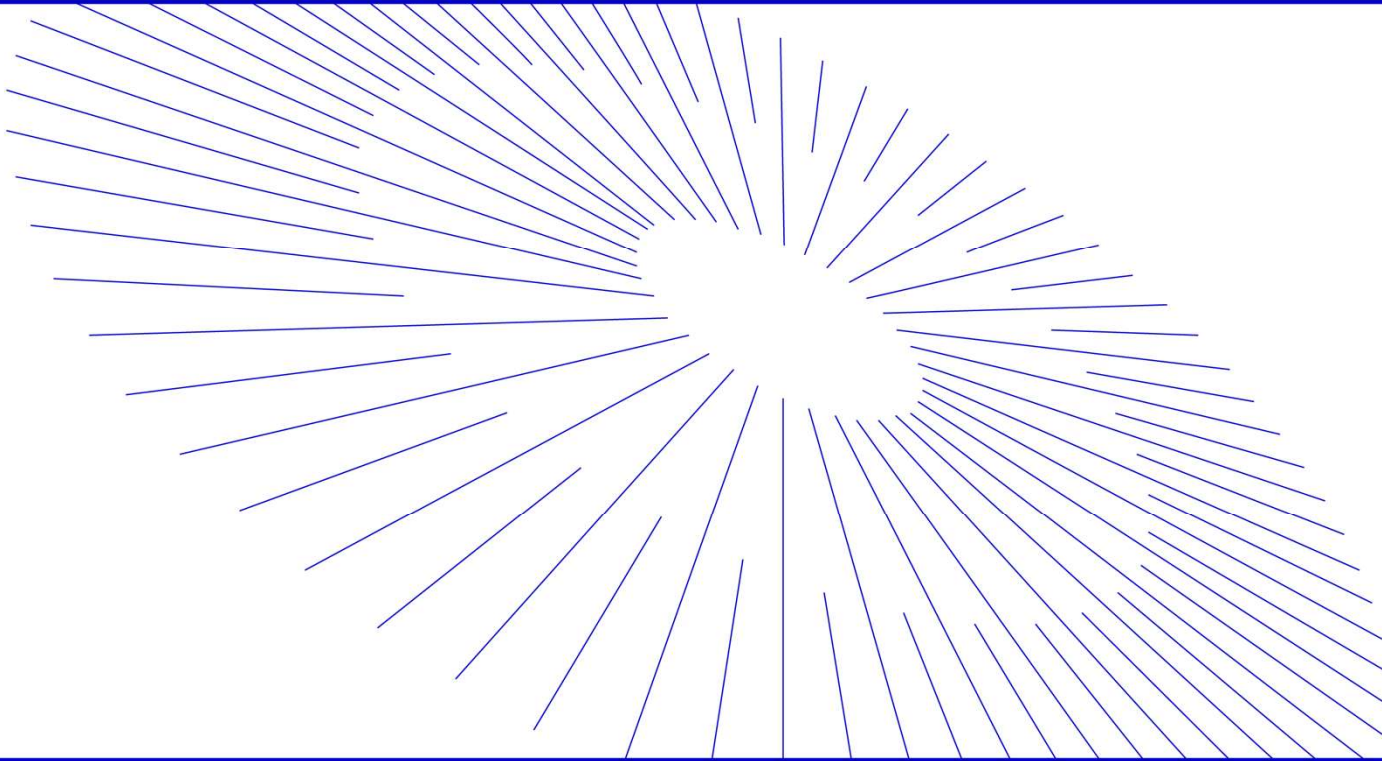
EARTHBRAIN

Category	Development items	Contents/Use case	UI Image
New feature /Performance Improvement	"Geoid2024 coverage for Japan and surrounding areas	Relevant only to the Japanese market.	None
	North America Geoid Support	Compatible with GEOID06.	None
	DJI M3D Support	Integration with DJI Dock 2 is not possible, and I-con accuracy verification has not been conducted. Considering future integration with DJI Dock, we will first support simplified SfM for DJI M3D."	None

Category	Enhancements
Bug Fixes	exFAT Improvement (Stability Enhancement) — Resolved an issue where using an SD card or USB memory formatted with exFAT could occasionally cause unstable operation.
	Base Station Performance / Bug Fixes (Satellite mask support, removal of GLONASS HW bias, and radio noise countermeasures) — For mCi4 v5.5, resolved an issue where GLONASS data would be zero when distributing RTCM3.2 MSM4 via digital radio.
	Removed spaces from verification point label names (constraint measure) — Fixed an issue where point cloud generation could fail if the verification point name contained spaces.
	Fixed an issue where using GCPs with vertical coordinates from a .tif or .gtx file in both RTK and PPK modes caused an error (0x90400001).
	Fixed an issue where the elevation differences for points (reference point cloud, comparison point cloud, and elevation difference) could all display as 0.000 m
	Fixed an issue experienced by some users where they could not connect to Edge (no error code displayed).
	Fixed an issue where point clouds generated from projects imported from the Dashboard would result in all points being out of range in vertical accuracy verification, related to DHHN2016.
	Display the model number and date in the error code field shown on the tablet (for improved internal CS support).
	Fixed an issue with the EDGE2 soil volume function where accuracy defects had been identified.
	Handled the dashboard import error by changing the timeout duration from 5 seconds to 30 seconds.

Status of SC Edge2 Base Station Support (August 20, 2025)

	Ntrip		Alinco Digital Radio Transmission					
			RTCM3.0		RTCM3.2 MSM4		CMR	
	RTCM3.0	RTCM3.2 MSM7	512 ⇆ 512	1024 ⇆ 1024	512 ⇆ 512 ※2	1024 ⇆ 1024	512 ⇆ 512	1024 ⇆ 1024
PC200i-10 MC-R3	OK	OK	OK	OK	OK	OK	OK	OK
PC200i-11 MC-i4	OK	OK	OK	OK	OK	OK	OK	OK
PC200i-12	Unverified*1	Connection Confirmed Only (Accuracy Not Verified)	Unverified*1	Unverified*1	Unverified*1	OK	Unverified*1	Unverified*1
D65 MC-R3	OK	–	OK	OK	–	–	OK	OK
D37 MC-i4	OK	OK	OK	OK	OK	OK	OK	OK
3DMG	OK	OK	-	OK	OK	OK	OK	OK
PC138 Topcon	OK	OK	OK	OK	OK	OK	Unverified*1	Unverified*1
HiPer-V	OK	–	OK	–	–	–	OK	–
HiPer-HR	OK	OK	OK	OK	OK	OK	OK	OK
SC Rover	OK	OK	OK	OK	OK	OK	–	–
SC Rover2	–	–	OK	OK	OK	OK	OK	OK

Note 1: Unverified
Due to equipment arrangement circumstances and equipment troubles on the day, verification could not be performed.
Note 2:
Although internal operation checks at our company have been completed successfully, some parts are still under verification, so please wait a little longer.
Additional Information:
Besides the above, we have confirmed connection achievements with Trimble SPS855, R750, and Topcon X-53x.

■■v9.13.5 RC 1

OTA名称："9.13.5"
FW VERSION："9.13.5"
 OS VERSION : "7.2.0"

*We recommend updating your iPad's OS to iOS 18.2 or later.

<Update procedure for v7 and later>

- After the update files have finished downloading over the network, press the restart button.

- When the green LED stops flashing and stays lit, the update, including the OS, is complete.

In a good network environment, such as a wired LAN connection, it will take approximately 30 minutes.
For LTE, it may take 1 hour or more.
By good internet connection, we mean a downstream speed of around 50Mbps.
If the internet connection is poor, the update may take around 3 to 4 hours, and in some cases, considerably longer.
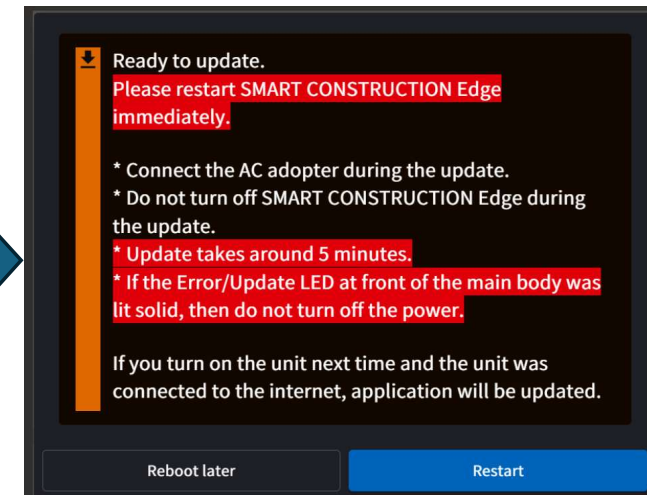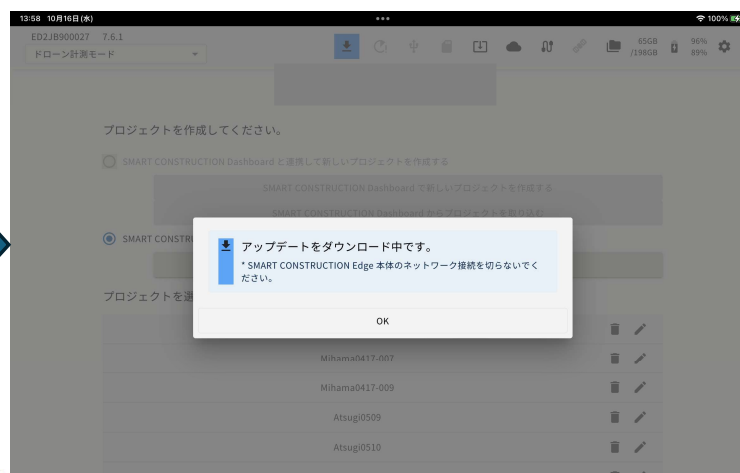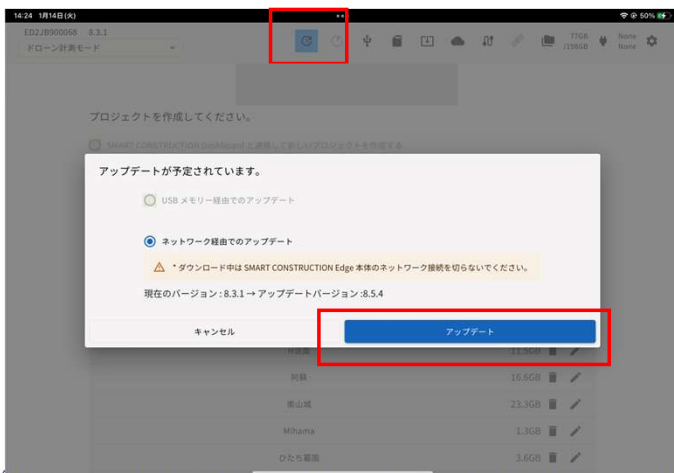
Background: Defects Related to Battery Charging
There have been several instances where the battery could not be recharged. To address this, we will update the battery control microcontroller. The upgrade process will proceed as follows:
1.The application will be downloaded as usual.
2.After the download is complete (indicated by an orange arrow), please turn the power OFF and then ON.
3.The OS download will begin.
- Once the OS download is complete, a pop-up window will appear on the right.

4.When the AC adapter is connected and the restart button is pressed, the red LED on the 4-way indicator will light up temporarily. Please wait for the process to finish.
- When the power turns off, restart as usual to complete the update.

Important Notes:
•If AC power is not connected during step 4, please turn the power off and on as usual. However, the sub-microcontroller will not be updated in this case.
•The sub-microcontroller update will occur when the power is turned off after AC power has been connected while the device is on.

Ready to update.
Please restart SMART CONSTRUCTION Edge immediately.

* Connect the AC adopter during the update.
* Do not turn off SMART CONSTRUCTION Edge during the update.
* Update takes around 5 minutes.
* If the Error/Update LED at front of the main body was lit solid, then do not turn off the power.

If you turn on the unit next time and the unit was connected to the internet, application will be updated.

Reboot later   Restart