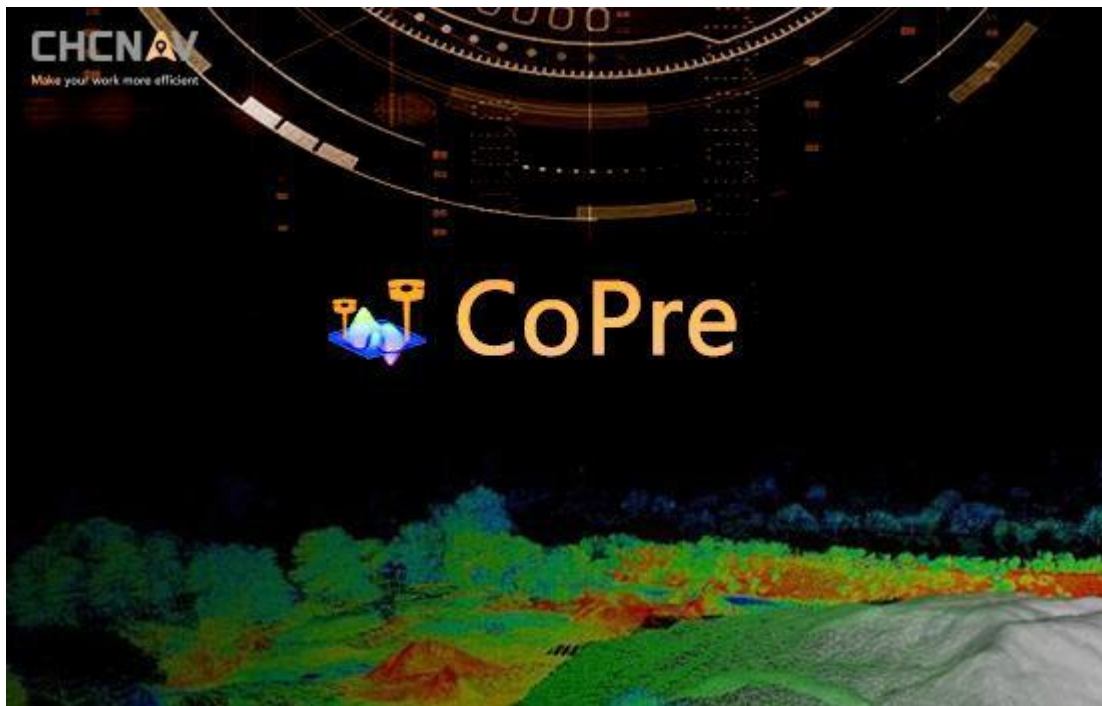




Operation Guide



M3D | May 2026

1. Upgrade Procedure

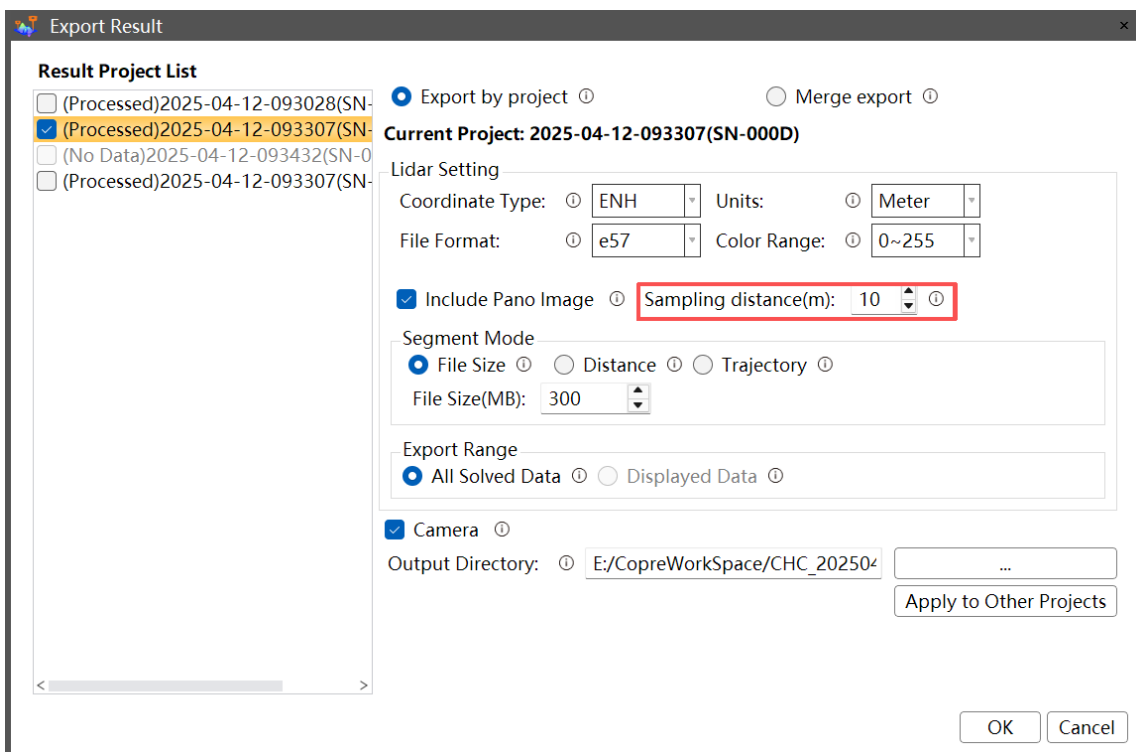
Check for updates: When a new version is available you will be notified at “About”.
New users can download the latest version from:

<https://chcnavigation.jianguoyun.com/p/DUh3iAkQ4vqeDBiWoJ8GIAA>

2. Update Notes

General:

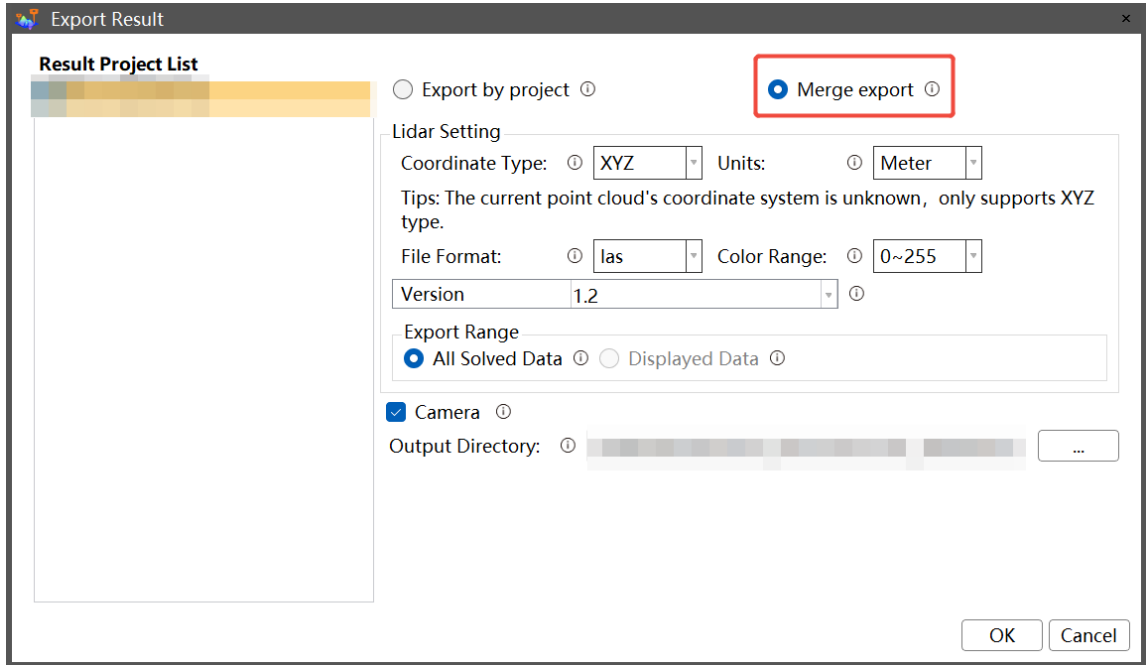
1. Export E57 Point Cloud with Panoramic Images and support sampling setting;



2. Multi-Project Merge Export;

Description:

2) Support exporting multiple projects into a single point cloud file.



Note: Merge export is only available for **LAS and LAZ** formats;

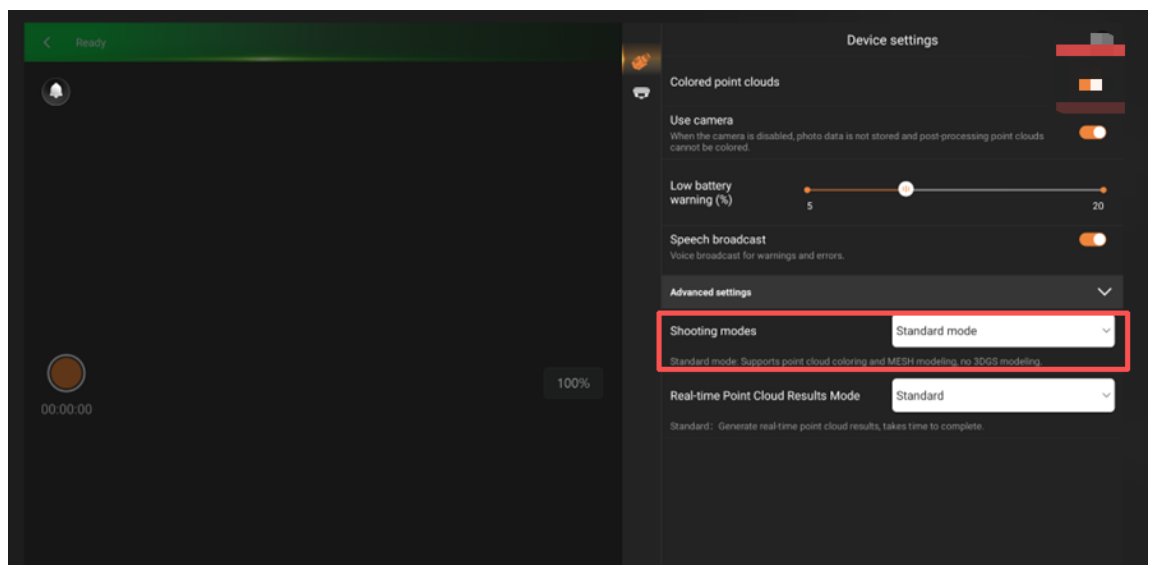
SLAM:

3. Added support for RS7 data processing, including:

- Loading real-time point cloud;
- Optimize Data;
- Mesh modeling;
- 3DGS modeling;

Notes:

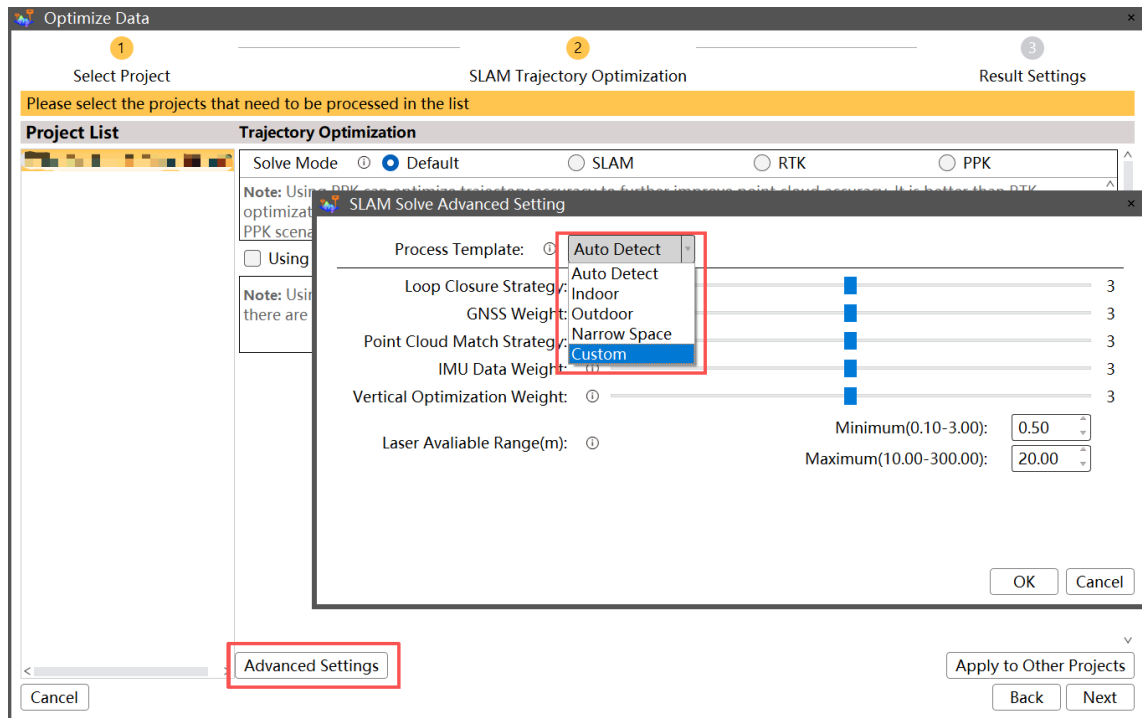
- AI human filtering for RS7 requires downloading the corresponding resource package via the Resource Pack Downloader;
- Mesh modeling and 3DGS modeling for RS7 require hardware authorization on the SmartGo;
 - SmartGo version: **1.5.3 or later**
 - Firmware version: **1.2.11 or later**
- 3DGS modeling is **not supported** for RS7 data captured in **Standard Mode** on SmartGo.



4. SLAM Parameter Templates;

Description:

4) Support multiple predefined SLAM advanced parameter templates and custom SLAM advanced parameter settings for RS7 data.



Note:

RS7 data currently **does not support**:

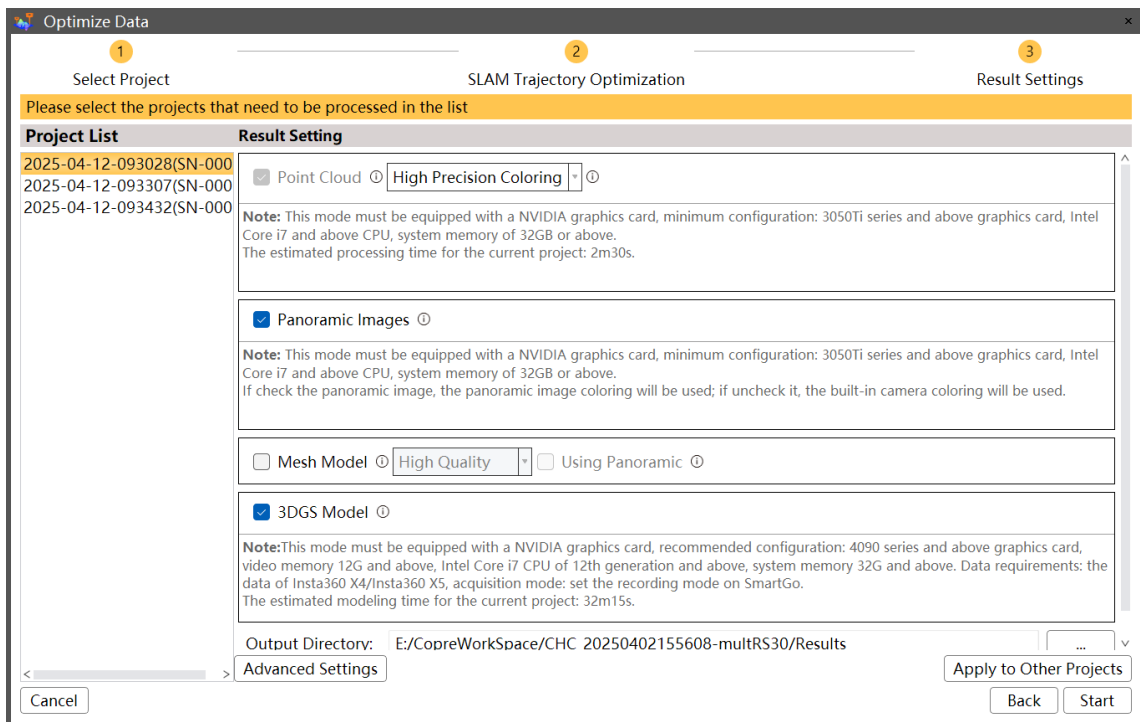
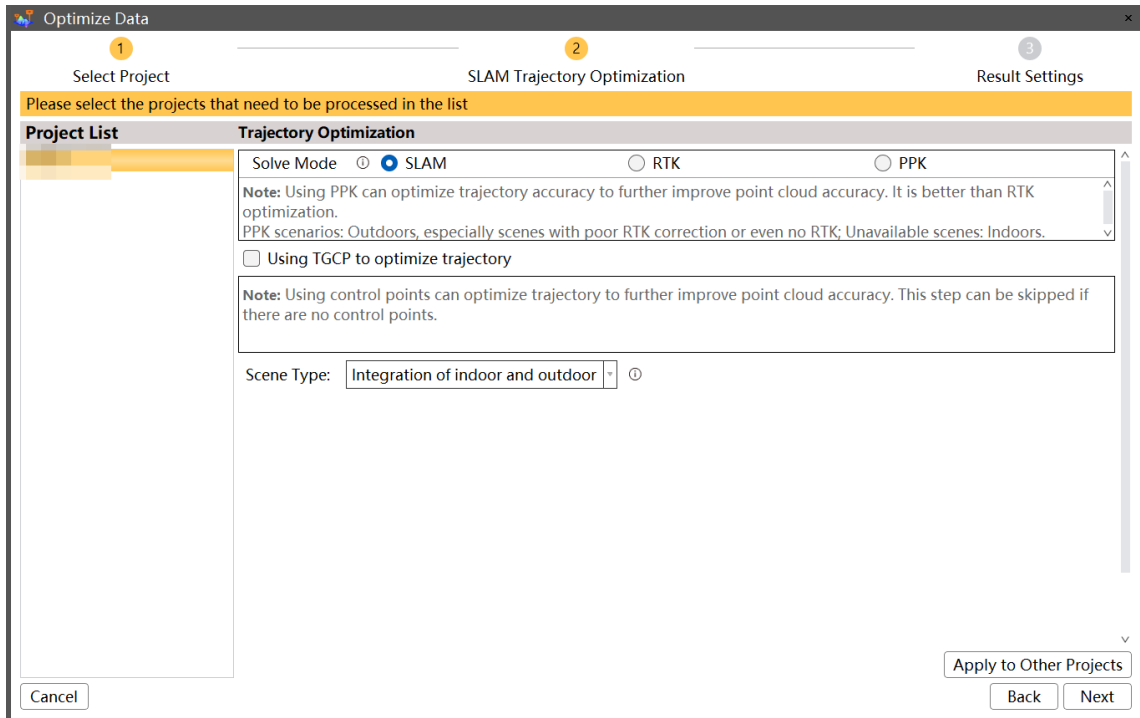
- Result report generation
- Auto-calibration
- Multi-project fusion modeling

5. Optimized Data Processing UI;

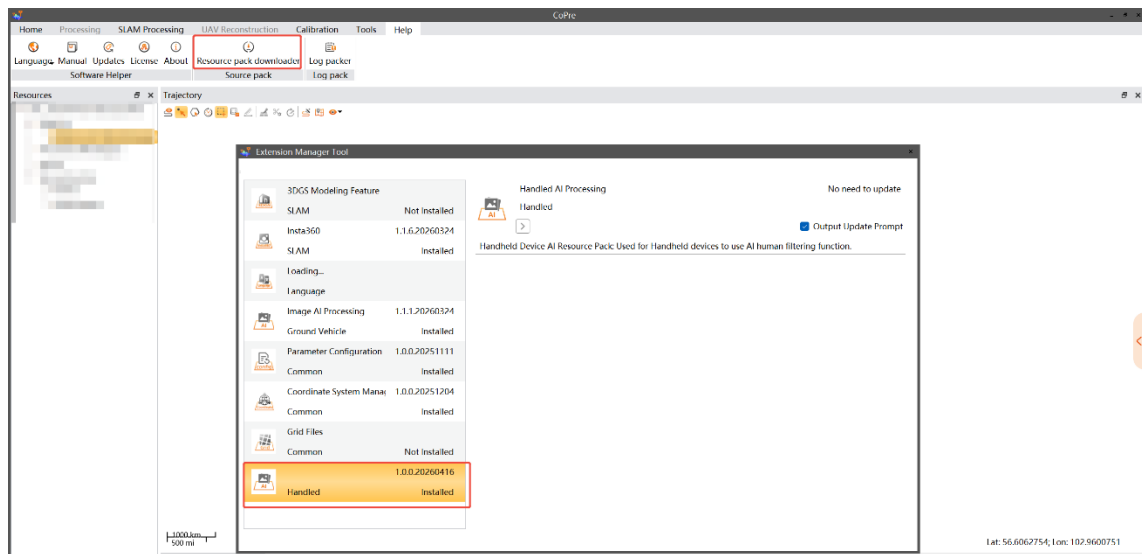
Note:

RS10 with Insta360 cameras use built-in camera coloring by default.

Check Use Panoramic Photos to color with the panoramic camera.



6. Added resource package for handheld AI Human Filtering;





Airborne:

7. Added data processing, reconstruction, and auto-calibration for AA6 / AA6D;

Note: AA6 / AA6D modeling requires **hardware authorization**.

MMS:

8. AI Mask & Privacy Protection supports RTX 50-series GPUs;

9. Support C7200 photo solving;

Note: Single-lens calibration and single-lens coloring are **not supported**.

CHC Navigation

Building C, NO. 577 Songying Road,

Qingpu District, 201703 Shanghai, China

Tel: +86 21 542 60 273 | Fax: +86 21 649 50 963

Email: sales@chcnav.com | support@chcnav.com

Skype: chc_support

Website: www.chcnav.com