

# CoPre 2.10.1 Release Note

Issued: February 11, 2026

**NOTE** - For best performance, software should always have the latest available software installed.

## ► Updating the new software

Check for updates: When a new version is available you will be notified at "About".

New users can download the latest version from:

<https://we.tl/t-RH1eK5odaC>

## ► New features

### 【General】

- Added parameter configuration, coordinate system management, and grid file download functions to the resource pack downloader.
- Added a new "Grid + Seven-Parameter" option for datum transformation in coordinate system settings.

### 【SLAM】

- Improved efficiency of thickness optimization;
- Added a High-Quality Mesh reconstruction mode, providing more detailed models with longer processing time compared to the normal mode;
- Supports Mesh Modeling and 3DGS Modeling after GCP adjust;
- Supports batch setting of GNSS Trajectory Optimization.

### 【Airborne】

- Added import and export of parameter templates in the data processing interface;

### 【MMS】

- Added AP7 laser automatic calibration and single-sensor automatic calibration features, supporting calibration parameter saving, device parameter updating, and parameter rollback.
- Added C4800 data processing and panoramic calibration features.

## ► Enhancement

### 【General】

- Fixed occasional crashes when closing the software;
- Fixed crashes caused by insufficient disk space during data processing in some cases;
- Fixed an issue where EPSG datum transformation parameters did not take effect;
- Fixed an issue where plane grid settings did not take effect when selected for the first time;
- Fixed incorrect model parameter display for JASC grid files;
- Fixed POS processing failures with RINEX 2.11 data;
- Fixed an issue where GCP Adjust stalled at 4% when two external control points had identical coordinates;
- Fixed an issue where reports were still generated in meters when projects were created using feet as the unit.

### 【SLAM】

- Reduced GNSS layering issues in partially obstructed environments;
- Fixed crashes during Optimized Data in some cases;
- Fixed crashes when generating SLAM reports in some cases;
- Fixed insufficient memory warnings during 3DGS modeling on systems with 32 GB RAM;
- Fixed misalignment between optimized SLAM trajectories (orbit.pos) and panoramic images;
- Fixed an issue where TGCP could not import control points when the software language was set to Italian.

### 【Airborne】

- Fixed AA450 data processing freezing issues;
- Fixed missing external camera configuration for X500 in project configuration.

### 【MMS】

- Fixed missing colorization issues in AP5 data processing in some cases.

## ► Additional information

**Learning resources:** To learn more about our software features and how to get the most out of the software, visit the resources below:

<https://chcnavigation.jianguoyun.com/p/DS4sQ98Q4vqeDBj375kGIAA>

For more information, please contact [support@chcnv.com](mailto:support@chcnv.com).