Makin' 3D Release Notes

v.2.25

2024-08-08

Improvement:

- Wheel loader
- Secret projects

[Click here to see the Makin' User Tip video about Wheel loader.](#)

[Click here to see the Makin' User Tip video about adjusting blade wear on wheel loader.](#)

[Click here to see the Makin' User Tip video about Secret projects.](#)

v.2.24

2024-05-07

Improvements:

- Tool Guidance
- Fixpoint control (local only)
- Correction Profiles
- Create Surface (v. 0.1)
- New VNC Implementation
- Machine Configurator
- Performance Improvements for large projects
- Localization file formats CAL & LOK supported
- RSSI
- Measure time

Click here to see the Makin' User Tip video about Fixpoint control for excavator:

Fix point control for excavator

Click here to see the Makin' User Tip video about Create surfaces:

Create surfaces

v2.23

2023-12-05

Improvements

- Log line, step 2
- As-built photo, step 1
- Calibration of flat angle
- Layer name in stakeout / geo info
- Load only subfolders (Large projects)
- New numeric dialog
- Faster unload of project
- New sensor FW, manual update
- Infrakit integration - As-built
- Localization: Read cal files

You can find the Makin' User Tip videos by clicking here:

Video about log lines and points with photo documentation on this link:

[Log lines and points with photo documentation.](#)

v2.22

2023-06-22

Improvements

- New UI
- LandXML: Read CircCurve for single alignment
- Support for editing line points on lines located in 'user model'.
- Allow adding points/layers/lines without a valid GNSS-position.
- Added busy indicator when loading large project lists.
- Update machine calibration when updated from the server.
- Support for Xbox controller
- 2D: RMS threshold warning no longer shown
- Initial support for Trimble CAL-files

Bug fixes

- DXF: Split surfaces when layers change

You can find the Makin' User Tip videos by clicking here:

Video about Edit line points on this link:

[Edit line points Makin' User Tips](#)

Video about Stakeout to side references on this link:

[Stakeout to side reference Makin' User Tips](#)

v2.21

2023-04-18

Improvements

- Show auto calibration menu.
- LandXML: Avoid identical points in planFeature polyline.
- LandXML: Fix wrong closed line.
- Load OGL.xml automatically.
- Disable full sync.
- Stake out using side reference
- Updated Norwegian translation
- Updated Swedish translation
- Support for Engcon built in tilt sensor

You can find the Makin' User Tip videos by clicking here:

Video about Makin' Surfaces in Makin' Cloud on this link:

[Makin' Surfaces in Makin' Cloud](#)

Video about Work with Makin' Surfaces on the panel on this link:

[Work with Makin' Surfaces on the panel](#)

v2.20.6

2023-02-17

Improvements

- New: Stakeout point for the Makin' 3D excavator solution
- New: Copy line and copy point
- New: Preliminary sensor test screen
- New: Geometry info on long-hold in the reference dialog
- Cloud: Hide sync error when synchronization succeeds
- Auto-start Makin on Android devices with 7" screens or higher
- IB-1: firmware to v0.8.5 - fixes rare packet loss
- Improved splash screen

Bug fixes

- GNSS: Fixed startup issues on the AsteRx-U3
- Fixed maps colliding and fighting with horizontal surfaces.

You can find the Makin' User Tip videos by clicking here:

Video about Copy Point can be found on this link:

[Copy point](#)

Video about Stakeout Point can be found on this link:

[Stakeout Point](#)