2025-05-15

Notes

- When a new firmware is required for an update, It is included in the zip file. Do not power off the system during firmware upgrade. If power is lost during an upgrade, antennas might need to be shipped for repair. Ensure that the battery has enough power before performing the firmware upgrade.

Release Notes for Talon-2 1.05.07

Previous Release Version: 1.05.05

Date: 2026-09-08

Fixes

- GPS levels didn’t result in correct color mark on positioning data status
- External GPS positions could in rare cases not be written to the GPS file

Release Notes for Talon-2 1.05.05

Previous Release Version: 1.05.04

Date: 2025-11-03

Fixes

- GPS data was in some cases not written to the GPS file correctly.
- Swath in map view could create a zig-zag pattern.

Release Notes for Talon-2 1.05.04

Previous Release Version: 1.05.0

Date: 2025-07-07

Fixes

- Firmware 502.008 is required for this update. The previous release did revert to old functionality in firmware for data quality issues. The 502.008 firmware now includes the fix for the startup of internal GPS and corrects the data quality issue.

Release Notes for Talon-2 1.05.02

Previous Release Version: 1.05.01

Date: 2025-06-26

Fixes

- Firmware 502.007 is required for this update. A previous fix in 502.006 for internal GPS, caused data quality issues in some cases. Of this reason, this functionality has been removed from this firmware. It is planned for a future release.

2025-05-15

Release Notes for Talon-2 1.05.01

Previous Release Version: 1.05.0

Date: 2025-06-25

Fixes

- Firmware 502.005 is supported due to that some systems experience trace data spikes in some occasions with firmware 502.006.

Release Notes for Talon-2 1.05.0

Previous Release Version: 1.04.03

Date: 2025-06-04

Notes

- A new firmware is required for this update (v 502.006). It is included in the zip file. Do not power off the system during firmware upgrade. If power is lost during an upgrade, antennas might need to be shipped for repair. Ensure that the battery has enough power before performing the firmware upgrade.

New features

- It is now possible to set automatic wheel direction, which detects the direction automatically.

Fixes

- Improved stop message command, which could cause crash if there are issues in the array
- 32 bit measure mode could cause errors, which prohibits measure in this mode.
- Channel configuration showed wrong sign for prism displacement
- Timing GPS fix. This improves how the internal (timing) GPS gets a time.
- Times are written in local time format, which for some time formats, can prohibit further processing of the data. This is fixed.

Release Notes for Talon-2 1.04.03

Previous Release Version: 1.04.02

Date: 2025-03-01

New features

- None.

Fixes

- If the ethernet cable is unplugged during measure, the application may lock. A restart of the application was required

- Positioning status of the internal GPS could falsely report “No valid data”
- The wheel could change if a project was closed and reopened after a new wheel was selected

Release Notes for Talon-2 1.04.02

Previous Release Version: 1.04.0

Date: 2025-02-10

New features

- None.

Fixes

- When switching which antenna is the master antenna, internal GPS initialization could stop working.

Release Notes for Talon-2 1.04.0

Previous Release Version: 1.03.0

Date: 2024-11-18

New features

- Faster initialization of internal GPS
- Inverse array functionality, which allows the coordinates for each channel to be reversed and allow for additional way to measure.

Fixes

- Minor fix when starting a measure, in which case an error could show

Release Notes for Talon-2 1.03.0

Previous Release Version: 1.02.03

Date: 2024-08-30

New features

- Windowed mode option, which allows the application to run in a resizable window.
- Zero level calibration is possible to set outside of an active project

Fixes

- Leica TotalStation pseudo nmea and TotalStation fix.
- Radargram display could show blank traces fixed.
- Zero level calibration possible outside of an active project

Release Notes for Talon-2 1.02.03

2025-05-15

Previous Release Version: 1.02.02

Date: 2024-07-03

New features

- None.

Fixes

- Leica TotalStation fix for Leica pseudo NMEA mode
- Zero level calibration possible without an active project

Release Notes for Talon-2 1.02.02

Previous Release Version: 1.02.01

Date: 2024-06-04

New features

1. Internal GPS GNSS setting
   - It is now possible to select which GNSS system to use for the internal GPS

Fixes

- None

Release Notes for Talon-2 1.02.01

Previous Release Version: 1.02.00

Date: 2024-05-06

New features

2. Single receiver mode
   - It is now possible to do a measure with a single receiver.
3. Manual trig mode added
   - In addition to wheel and time trig, a manual trig can be set when using a single receiver.

Fixes

- GPS fix status corrected. In some cases, Talon-2 did not get a valid GPS fix.

Release Notes for Talon-2 1.02.00

Previous Release Version: 1.01.03

Date: 2024-04-17

2025-05-15

New features

4. Pseudo NMEA support for Total Station

- When using a total station as positioning, it is now possible to use it with pseudo NMEA for sending positions.

5. Incoming GPS communication messages can be displayed.

- Used for troubleshooting internal GPS. This allows communication with the internal GPS to be shown in the positioning status control.

Fixes

- Improved data collection stability, which allows for higher speeds during measure.
- Improved positioning status.
- Multiple stability improvements.