



Release Notes
MAGNET Field v2026.0
July 2026

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MAGNET Field v2026.0 Release Notes

Rebranding to MAGNET

We're excited to announce that our Topcon/Sokkia suite of products is returning back to the "MAGNET" name to unify our solutions and continue with the widely accepted products.

As part of this change, version numbers will now follow a year-based format (eg: MAGNET Field 2026.0), making it easier to identify the latest release.

Introduction

The following new additions/revisions have been made to MAGNET Field v2026.0.

Please take time to read the release notes. They contain information about the following:

- New Features
- Feature Enhancements
- Issue Resolutions

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New Features and Improvements

Overview Key Features

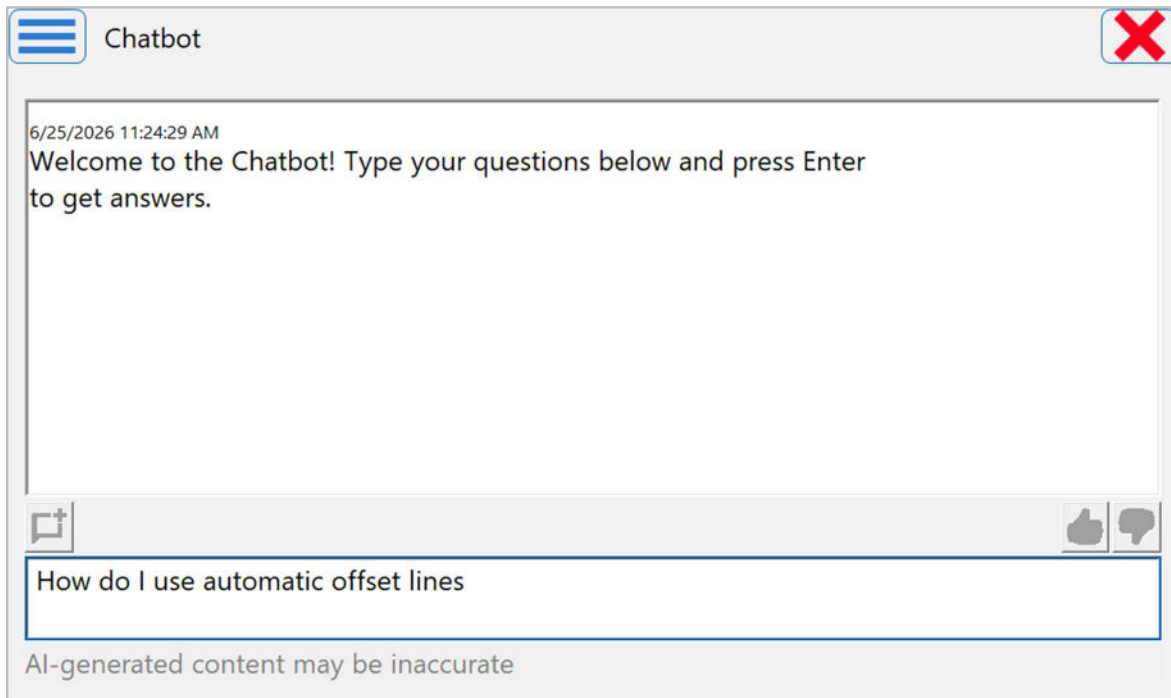
MAGNET Field 2026 introduces the rebranding to MAGNET and adds key innovations such as AI chatbot support, voice commands, ArcGIS online integration, automatic offset lines, and the GNSS Smart Dashboard to improve productivity and field awareness.

Rebranding to MAGNET

Topcon Field has been rebranded to MAGNET Field to align with the unified MAGNET product suite.

Implemented Chatbot

AI chatbot provides in-app assistance to help users troubleshoot issues and answer questions based on the user manual.



Voice Command

Implemented voice command to support hands-free operations. Voice commands supported:

- Help
- Ok
- Cancel
- Store point
- Next point
- Previous point
- End

Automatic offset lines

Simplifies field workflows by automatically measuring multiple lines at a specified offset distance.

Offset Line

Ref Code: BW 1

Offset Code: BOC 1

Horizontal Offset: Right 1.500 m

Vertical Offset: Up 0.100 m

ESRI ArcGIS integration

Enables real time connection to ArcGIS online. Store measured points in ArcGIS project and load ArcGIS background data in MAGNET Field.

GNSS smart functions

Combines real-time GNSS quality feedback with survey readiness insights. Detects multipath and tree canopy conditions, recommends optimal settings (e.g., SureTopo), and includes a Smart Dashboard with key indicators such as solar activity, K-index, and GNSS status.

Coordinate Systems

Expanded support for new coordinate systems, projections, and geoids ensures improved global compatibility and alignment with the latest standards.

Support of new Finland geoid FIN2023N2000

Added SAM_GEOID2023/SAM_QGEOID2023

Support of the new North American datum and coordinate system of 2022 - SPCS2022

Added new projections Norway-EUREF89 and geoids href 2018 and href2025

Added London Survey Grid 2025 projection

Import/Export

Improved compatibility and reliability when working with CAD and third-party formats, with better handling of line styles, point data, and export stability.

Improved support of complex line styles imported from CAD formats

Fixed issue with filtering points by codes on export

Added support for all characters except comma in raw data GTS-7 file export

Import point names from Shapefile generated in third-party SW now supported

Resolved an issue where importing an MXL file from Edit Roads and Trenches displayed a Settings button with no available options. The UI now correctly reflects the available import settings.

Fixed issue where in some jobs elevation was not exported until user visited Configure->Display dialog

2D polylines are no longer split into segments on export

Fixed an issue where software hangs when cancelling out of export menu

Fixed an issue in import 12D XML files - point names are now properly imported from 12D XML.

Improved export to Trimble FXL.

Improved DWG import functionality to ensure all line styles are correctly recognized and imported.

CAD parsers now import meshes as TIN surfaces by default

Measurements

Measurement workflows are more reliable, with improvements to tilt handling, hybrid operation, and consistent use of codes and strings.

TILT improvement: application will warn user when stored 3 or more points with the tilted pole without compensation or filter set on.

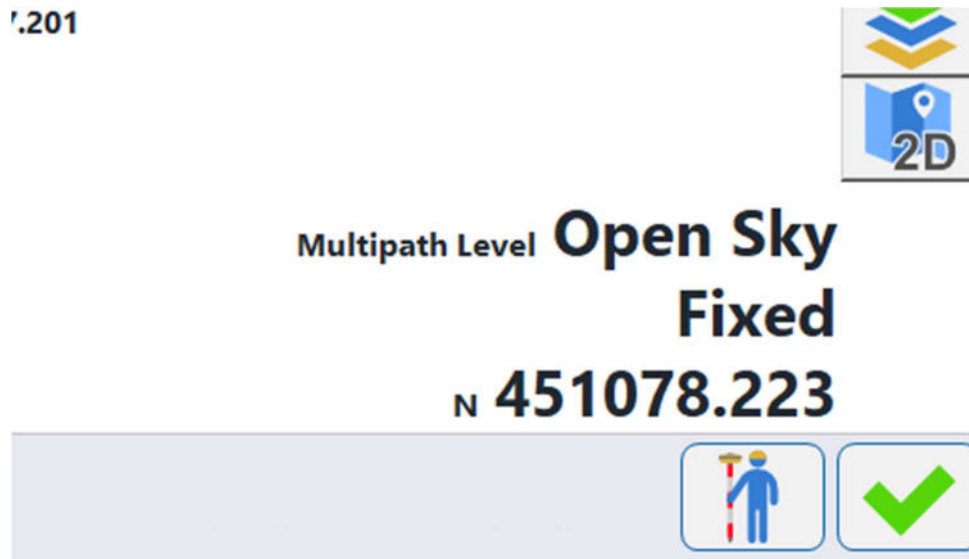
Fixed an issue with Optical measurements in Hybrid mode, not possible to measure a point when the prism is locked

Fixed issue where codes and strings would change when switching between TS and GNSS survey in hybrid mode. Codes and strings now persistent.

GNSS

Enhanced GNSS performance with better signal support, correction services, and real-time diagnostics through the Smart Dashboard.

Multipath severity level now available in maps labels



SBAS tracking now supported in PPP configuration

Enabled L1CB for QZSS to support all satellites (some transmit L1CB instead of L1CA).

Starpoint Pro+ corrections supported

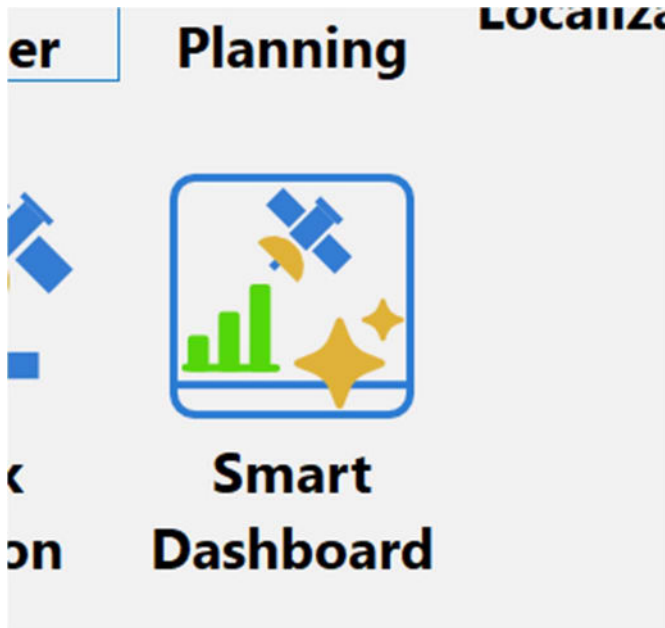
Enable "Triple Frequency" by default for PPP and Skybridge

Support Reset RTK for F1 & F2 programmable buttons on FC devices.

Smart dashboard :

Introducing GNSS Smart Dashboard to help assess GNSS survey readiness including:

- Solar flare activity – displays current solar flare classification and expected effects
- Planetary K-index – Kp values give an indication for geomagnetic disturbances
- GPS Work status – overall assessment of space weather conditions and possible effects on GNSS survey operations
- Mission Planning
- Productivity Report – summary of layout productivity



Optical

Support for GM/iM-series instruments, GM/iM-60 and GM/iM-120 supported

Added TILT electronic bubble to Setup Routines

Map

Improved map display and usability with better support for WMS/WFS, custom symbols, and coordinate handling.

Fixed issue with WFS projection when coordinate system is changed.

Improved support for specific WMS service providers.

Added WFS menu item to Edit > Background

Background Maps are renamed to Web Maps - WMS, WFS. To ensure conformance within the software.

Added support for custom symbols for points in background drawings

Custom symbols supported for points in background drawings

Custom point symbol orientation fixed on 3D map

Custom line patterns fixed

Fixed incorrect display of magnetic azimuth Corrected magnetic azimuth display; previous readings showed a 180° error.

Stake

Staking workflows are more flexible and efficient, with improved point selection and direction-based functionality.

Enabled Stake Point in Direction for single point selected from map screen

Resolved several issues in stake workflows, including chainage handling, vertical interval progression, and surface boundary behavior.

Onboard (Windows CE)

Optimizations reduce installation and job file size while improving performance on onboard devices.

Allowed installing Autodesk import and export parsers optionally to reduce minimal installation size on Onboard devices

Default custom symbols are no longer assigned to points when neither the layer nor code defines a symbol, reducing job file size

Empty job file size reduction for to optimize memory usage

Other new features and improvements

Various usability, reporting, and workflow improvements, including better reporting tools, support options, and hardware compatibility.

Improved overall application stability and resolved multiple crashes related to import/export, background data, and device connections.

Added Configure Contacts and Get Support options to the main menu, allowing dealers to define support contact details (QR code, email, and phone) and making it easier for users to access assistance and submit maintenance requests.

Fixed an issue when applying manually set scale factor in transforming vector background

Added Summary Report to the Reports menu. Exports all TS setups and measurements.

Productivity Report now correctly included in the LN-150 and Survey menu configurations, ensuring consistent access to reporting functionality across supported workflows.

Satel Easy Pro+ external UHF radio supported

Fixed issue that line goes to different layer then points when another layer is set then used in code. Line now inherits layer from its first topo point.

Improved flow for using date and time in attributes

Add email validator to the email field in Configure Contacts dialog to ensure correct email format is being used