Topcon Introduces MAGNET Inspect for UAV Inspection Applications

Topcon Positioning Group has announced a software package designed to facilitate data processing workflow for UAV (unmanned aerial vehicle) infrastructure inspection - MAGNET Inspect. The software efficiently manages large UAV data sets to create inspection reports.

"MAGNET Inspect will work with models from virtually any UAV. When combined with Intel Falcon 8+ Drone – Topcon Edition and Topcon ContextCapture, powered by Bentley Systems, the software enables operators to efficiently navigate, annotate, and create reports with inspection photos, effectively creating a very strong end-to-end inspection workflow," said David Ahl, director of software product management. "It is now a key element of the Topcon end-to-end UAV and data processing workflow for inspection projects, which results in increased safety and faster data collection than traditional methods."

MAGNET Inspect is designed to allow operators to easily visually navigate UAV photos - aligning 3D reality meshes with raw geo-referenced images in one location and filtering them based on selected criteria including field of view.

"The software allows operators to easily document the observations and report them. Images from the inspection can be flagged to indicate whether there are structural issues and annotated with built-in free-hand graphical tools. Data reports can then be created to include a preview image and link to the high resolution annotated images." added Ahl.

For more information, visit topconpositioning.com