

FARO and Stormbee Announce Airborne 3D Scanning Solution



FARO, a provider of 3D measurement and imaging solutions for construction BIM, and Stormbee, a pioneer in mobile UAV technology, have partnered up to offer an integrated, cost-effective airborne 3D scanning solution specifically designed to optimise on-site capturing workflows as part of FARO's [Traceable Construction](#). This integrated solution includes the FARO Focus laser scanner and the Stormbee S series UAV and Beeflex software suite.

The airborne solution enables wide-area scanning missions, such as highway or train infrastructure, large construction sites and buildings, as well as open-pit mines. While these would take days when scanned from the ground, they can now be completed in just hours without interrupting traffic on in-process construction work.

Additionally, this airborne solution further enhances productivity by allowing users to capture complex environments – such as factories, chemical plants or other infrastructure features inaccessible to ground-based scanning – from the air with high levels of accuracy and detail and create as-built drawings, isometrics and facilitate analysis. The data can then download to FARO BuildIT Construction software to monitor construction quality control and progress or to create as-built CAD models with FARO As-Built Suite

3D data capture for large construction projects

The Beeflex software allows users to create centimetre-level-accurate point clouds directly from the in-flight data. Furthermore, the intuitive user interface ensures that anyone can become a viable 'expert' with no more than one hour of hands-on training. Beeflex data can be exported directly into FARO SCENE software for further analysis and/or to combine aerial scans with the detail-rich data from terrestrial scanners.

"With the combination of the unique competencies of FARO and Stormbee, we are now able to drive a new level of time- and cost-effectiveness for wide-area 3D data capture for large construction projects or projects where terrestrial-based scanning is not the most viable option," said Andreas Gerster, vice president of FARO Construction BIM.

For more information, [click here](#).

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