Trimble Mediaroom

Trimble and DroneDeploy Introduce Premier Positioning Accuracy and Streamlined Workflow for Reality Capture from Drones

RTX-based cloud positioning service expands project opportunities for drone mapping

DENVER, Feb. 12, 2024 – GEO WEEK (Booth# 1001) – Trimble (NASDAQ: TRMB) announced today the integration of the Trimble Applanix POSPac Cloud post-processed kinematic (PPK) GNSS positioning service, featuring CenterPoint RTX, with the drone mapping and data collection capabilities of DroneDeploy's reality capture platform. With the Trimble cloud positioning service, DroneDeploy customers can expect centimeter-level accuracy and an automated, streamlined workflow when performing reality capture with drones.

To achieve centimeter-level accuracy with its high-accuracy offering, DroneDeploy worked with Trimble and its Applanix POSPac Cloud PPK service using Trimble post-processed CenterPoint RTX. The easy-to-use cloud API enables the post-processing of GNSS kinematic positions based on dual-frequency observables logged by the drone and CenterPoint RTX.

The Trimble RTX family of corrections services offers users real-time and post-processed centimeter-level accuracy almost anywhere in the world. Delivering corrections via satellite or cellular/IP, Trimble RTX removes the need for base stations and simplifies workflows for drone operators. With no onsite setup, a fixed global datum and reduced time in the field, the Applanix POSPac Cloud PPK solution with RTX greatly increases accuracy and workflow efficiency.

"This collaboration with DroneDeploy is leading the trend for PPK-enabled drone data capture without base stations, enabled by Trimble RTX," said Joe Hutton, director of inertial technology and airborne business at Trimble. "This evolution will expand the possibilities for operators who can now more quickly and more consistently deliver highly accurate maps, enabling drones to be used in precision geospatial applications."

The enhanced capabilities afforded to DroneDeploy customers using Applanix POSPac Cloud PPK and RTX will elevate the accuracy of 3D reality capture models. This opens new opportunities for drone operators across various industries and applications, including construction, topography and temporal analysis.

"DroneDeploy is delivering high accuracy by default. The collaboration with Trimble allows us to provide centimeter-level accurate data collection as simple as drag and drop," said Michael Winn, CEO and co-founder of DroneDeploy. "In testing, we've seen large construction, energy and agriculture customers get high-accuracy drone maps simply and reliably to gain insights about the projects and assets they care about, while operating with more confidence."

DroneDeploy reality capture software with Applanix POSPac Cloud PPK and RTX is currently available via subscription and compatible with most common RTK-enabled drones. For a complete list, visit https://dronedeploy.com/.

To learn more about Trimble Applanix POSPac Cloud PPK service and RTX, visithttps://www.applanix.com/products/pospac-cloud.htm.

About DroneDeploy
Build with certainty, operate with confidence. That's why thousands of construction, oil and gas and renewable energy companies use DroneDeploy on a daily basis. We help them automate reality capture using drones, robots and 360 cameras – combining this data in one platform for AI-powered analysis. From aerial and ground views of construction progress to automated gauge readings and methane leak detection, DroneDeploy is shaping the future of reality capture.

About Trimble
Dedicated to the world's tomorrow, Trimble is a technology company delivering solutions that enable our customers to work in new ways to measure, build, grow and move goods for a better quality of life. Core technologies in positioning, modeling, connectivity and data analytics connect the digital and physical worlds to improve productivity, quality, safety, transparency and sustainability. From purpose-built products and enterprise lifecycle solutions to industry cloud services, Trimble is transforming critical industries such as construction, geospatial, agriculture and transportation to power an interconnected world of work. For more information about Trimble (NASDAQ: TRMB), visit: www.trimble.com.

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