POSPac UAV

FREQUENTLY ASKED QUESTIONS

1) WHAT IS POSPAC UAV?

POSPac UAV is Applanix Aided-Inertial Post-processing SW dedicated for UAV applications using Applanix APX products. It is a tailored software product to optimize the workflow and GNSS-Inertial trajectory results for direct geo-referencing of UAV payloads.

2) WHAT IS THE DIFFERENCE TO POSPAC MMS?

POSPac UAV is a smaller software package than POSPac MMS. POSPac MMS is the post-processing software for mobile mapping application for various business lines/applications, such as manned/unmanned airborne, land and marine.

3) CAN I PROCESS MY APX DATA FROM A UAV PAYLOAD IN POSPAC MMS?

Yes.

4) CAN I UPGRADE FROM POSPAC UAV TO POSPAC MMS?

Yes.

5) IS POST-PROCESSING IN POSPAC UAV LIMITED TO SINGLE BASE PROCESSING?

No, POSPac UAV does also support PP-RTX processing. To learn more, please check the PP-RTX FAQs. Customers interested in SmartBase processing can also upgrade to this feature.

6) CAN I RUN BATCH PROCESSING WITH POSPAC UAV?

Yes, there are two batch options, either use the batch manager in GUI mode or use the batch command line version.

7) CAN I USE THE CENTERPOINT RTX SURVEY IN FUNCTIONALITY FOR BASE COORDINATES IN POSPAC UAV WITHOUT AN ADDITIONAL LICENSE?

Yes, this feature allows you to get precise coordinates of your base station in the field – so you do not need to pitch your base over a known point or use any other software/service to obtain base coordinates.

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8) DOES POSPAC UAV SUPPORT OTHER FEATURES THAT ARE HELPFUL FOR MY WORKFLOW?

Yes, there is for instance LiDAR QC. This tool can calculate the boresight angles between the LiDAR sensor and the IMU. In addition, LiDAR QC can perform corrections to the trajectory (position & orientation) used to generate the point cloud based upon a global point cloud adjustment. Please refer to the LiDAR QC solution page and its FAQ's.

9) DOES POSPAC UAV SUPPORT NETWORK LICENSES?

Yes, this is identical to POSPac MMS. Network licenses are supported and a license can be checked out from the license server if work in the field is due.