



# POSPac UAV SaaS

## SOFTWARE-AS-A-SERVICE (SAAS) - FREQUENTLY ASKED QUESTIONS

### 1) WHAT IS POSPAC UAV SOFTWARE-AS-A-SERVICE (SAAS)?

The Applanix POSPac UAV SaaS is a cloud-based version of the Applanix POSPac UAV SW available to OEMs. It enables data collected from the Applanix APX UAV products to be processed on a pay-per-use basis through the internet. The interface to the Cloud service is via an Application Programmer Interface (API).

### 2) WHAT PRODUCTS ARE SUPPORTED FOR POSPAC UAV SAAS?

APX-15, APX-15-EI, APX-18, and APX-20 UAV products are supported in POSPac UAV SaaS.

### 3) HOW IS APX DATA PROCESSED BY POSPAC UAV SAAS?

Data logged from APX-UAV HW are processed through POSPac UAV SaaS using its API. The API is integrated by the OEM into their own cloud or desktop-based application. The OEM is provided a set of unique credentials that allows them to send the data to the cloud service along with information such as dedicated GNSS base station data and how to run the data. The API is controlled through a series of HTML commands, which use the same protocol as the POSPac Windows Desktop Command Line application (POSPacBatch.exe).

### 4) HOW IS POSPAC UAV SAAS PRICED?

The processing in POSPac UAV Cloud is priced per minute of non-zero velocity trajectory and type of processing mode. Price per minute is set by tiers of total minutes processed per year.

### 5) WHAT TYPES OF TRAJECTORY PROCESSING ARE AVAILABLE IN POSPAC UAV SAAS?

POSPac UAV SaaS supports the following processing modes:

PPK Single Base:	Differential GNSS processing with Single Base station
PPK SmartBase:	Differential GNSS processing with Applanix SmartBase Virtual Reference station
PPK PP-RTX:	GNSS Precise Point Position processing with Trimble Centerpoint RTX correction service
DG Single Base:	Differential GNSS-Aided Inertial processing with Single Base station
DG SmartBase:	Differential GNSS-Aided Inertial processing with Applanix SmartBase Virtual Reference station
DG PP-RTX:	GNSS-Aided Inertial Precise Point Position processing with Trimble Centerpoint RTX correction service



## 6) WHAT DATA ARE RETURNED FROM THE POSPAC UAV SAAS?

POSPac UAV SaaS returns the following data:

- ▶ Processing QC report (PDF)
- ▶ Processing logs
- ▶ Batch defined Export files (target format)
- ▶ Binary trajectory file
- ▶ Binary estimated RMS error file

## 7) CAN I HAVE A DEMO LICENSE?

Yes, demo credentials are available to qualified OEMs. Please contact Applanix sales.