

#### RODUCT SUMMARY

# Network RTK for High Precision Positioning

Skylark is a cloud-based GNSS corrections service that enables accurate and reliable precise positioning for location-based products across industries and around the world. Skylark RTK enables centimeter accuracy for applications requiring high levels of precision and greater flexibility and affordability than traditional vertically integrated solutions.

#### **FEATURED USE CASES**



Rail Equipment Monitoring



**Drones** 



Robotic Lawnmowers



Autonomous Agriculture



GIS

### MAXIMUM PRECISION

Accuracy down to 2 cm with convergence to first RTK integer fix in under one minute.

#### RELIABLE

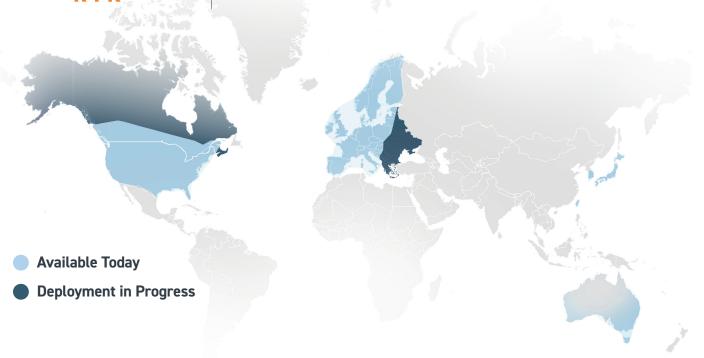
RTK networks in major markets around the world, including the United States, Europe, Japan, Korea, and Taiwan.

#### EASY TO DEPLOY

Interoperable with any standards-compliant RTK receiver, instant access to RTK corrections without the need for a local base station.



## SKYLARK



CORRECTIONS TECHNOLOGY	Network RTK
ACCURACY	2 cm <sup>1</sup>
CONVERGENCE TO FIRST RTK INTEGER FIX	<60 seconds
COVERAGE	United States, Europe, Japan, Korea, and Taiwan
STREAM DELIVERY MECHANISM	IP based, directly through Skylark or via third-party infrastructure/cloud
SUPPORTED GNSS SIGNALS	GPS L1CA, L2C, L5 Galileo E1, E5b, E5a
SUPPORTED 3RD-PARTY CLIENTS	3rd Party RTK receivers via NTRIP and support from RTCM 3.1 or RTCM 3.2 MSM5
INTERFACE	NTRIP 1.0 / 2.0
DATA FORMATS	RTCM 3.1 & RTCM 3.2 MSM5
REFERENCE FRAME	ITRF 2014

<sup>&</sup>lt;sup>1</sup> Actual system performance may vary. Results depend on a variety of factors including but not limited to: use-case dynamics, receiver and antenna characteristics, location of operation. 2 cm 95% accuracy measured over 24 hours stationary on a geodetic-quality RTK receiver.

