SKYLARK™
— Nx RTK —

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 Nx 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.
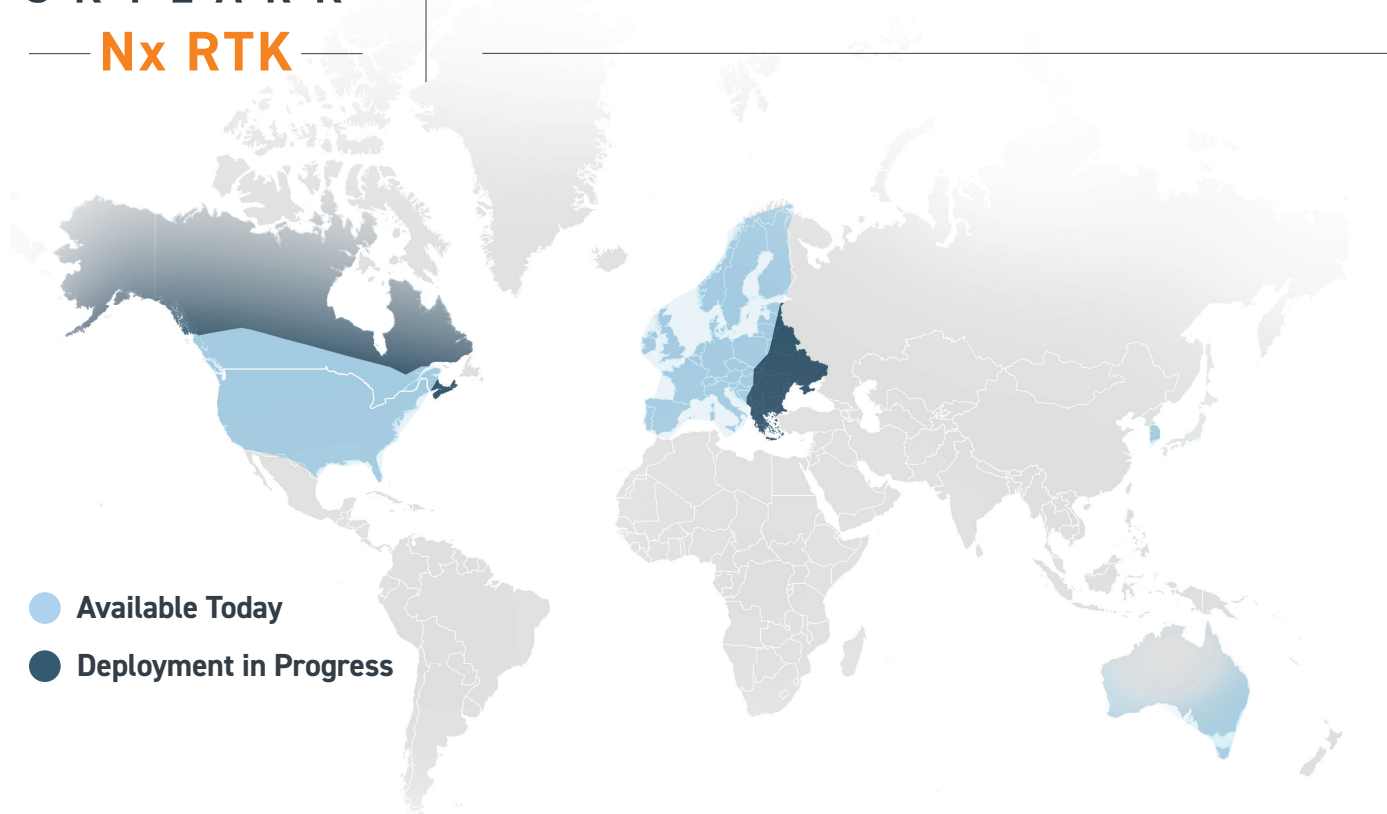
RELIABLE

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

EASY TO DEPLOY

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

- ● Available Today
- ● Deployment in Progress

CORRECTIONS TECHNOLOGY	Network RTK
ACCURACY	2 cm[1]
CONVERGENCE TO FIRST RTK INTEGER FIX	<60 seconds
COVERAGE	United States, Europe, and South Korea
STREAM DELIVERY MECHANISM	Over Internet Connection, directly through Skylark or via customer backend
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

[1] 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.

swift NAVIGATION