swift
NAVIGATION

SKYLARK™ Dx

Precise Positioning for Mobile Devices

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 Dx offers affordable sub-meter precision and uniform performance country-wide for applications requiring low power consumption, minimal processing loads, or low data transmission.

FEATURED USE CASES

Mobile Handsets

Wearables

Logistics and Asset Tracking

Connected Infrastructure

AFFORDABLE PRECISION
Sub-meter accuracy with a low power, processing, and data burden at an industry-leading price point.

RELIABLE PERFORMANCE
Uniform coverage and high availability, backed by a carrier-grade network and commercial-grade SLA.
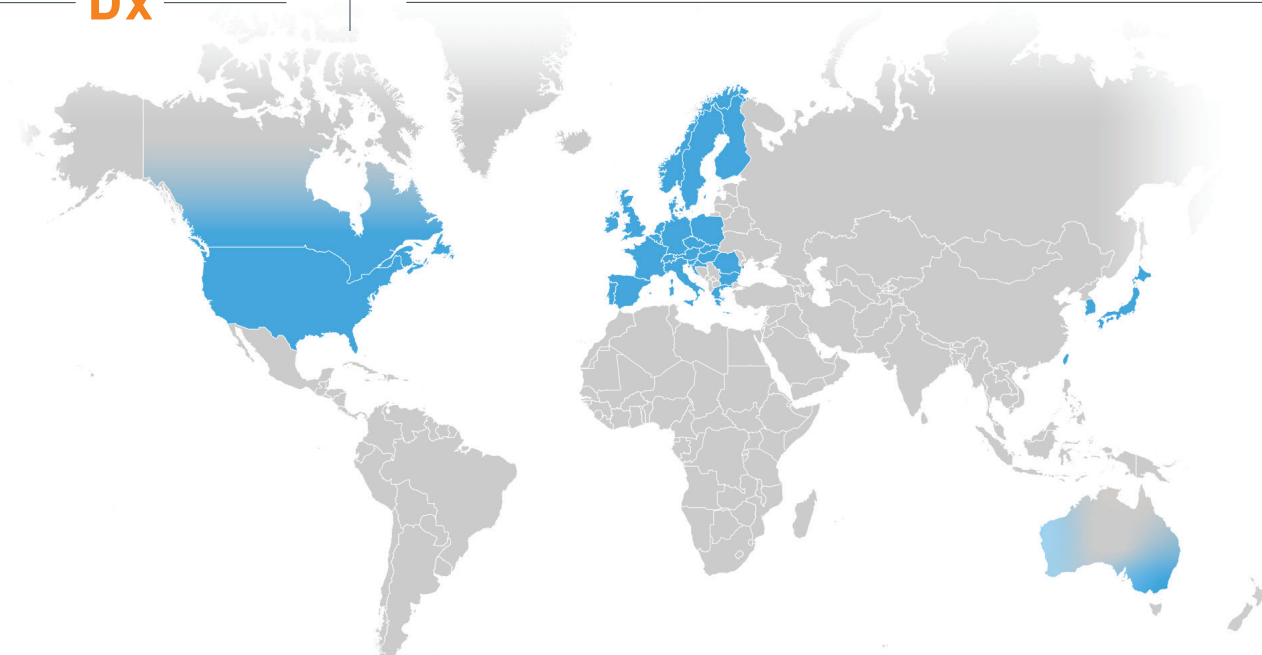
UNIVERSAL COMPATIBILITY
Works with any receiver capable of applying code-phase corrections.

BUILT FOR SCALE
Scalable to support billions of devices worldwide.

swift
NAVIGATION

CORRECTIONS TECHNOLOGY	Differential GNSS (DGNSS)
ACCURACY	Sub-meter[1]
CONVERGENCE	Instant
COVERAGE	Country-wide
STREAM DELIVERY MECHANISM	Over Internet Connection, directly through a Skylark endpoint or via OEM infrastructure
SUPPORTED GNSS SIGNALS	GPS (L1C/A, L2C, L5) Galileo (E1, E5b, E5a) BeiDou (B1I, B2A)
SUPPORTED 3RD-PARTY CLIENTS	GNSS receivers supporting MSM1 Broadcom BCM47xx Sony CXD5610 Other leading-edge mobile platforms
CORRECTIONS AVAILABILITY	99.9%
INTERFACE	NTRIP 1.0 / 2.0
DATA FORMATS	RTCM 3.2 MSM1
REFERENCE FRAME	ITRF2020

[1] Actual system performance may vary, dependent but not limited to: use-case dynamics, receiver and antenna characteristics, location of operation.

swift NAVIGATION