

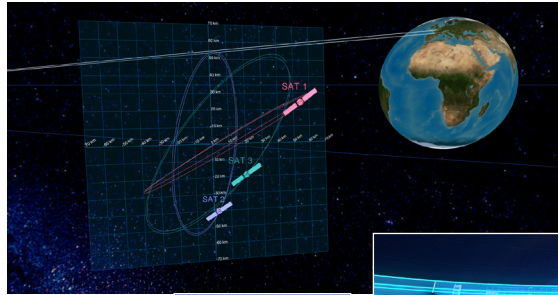
DATA SYSTEMS



TRACK MONITOR ANALYZE GEOLOCALIZE

WETRACK®

GEO Satellite Orbits
24/7/365 Data Service



We
TRACK



COMMUNICATION & SITUATIONAL AWARENESS

WeTrack accompanies you on your mission. **A pioneer in passive RF technology for over a decade**, WeTrack generates **reliable and ultra-accurate data from LEO to GEO satellites, and beyond**, to optimize your space domain awareness.

Complementary to optical, radar, and laser technologies, WeTrack **prevents blind decisions in threat-scenarios** with its real-time detection capability. It provides unparalleled relative accuracy **without cross-tagging** for collision avoidance.

Get comprehensive views and a high data refresh rate for sharper decision making at all orbit regimes, with our global coverage. With automated sensors for detection, you are aware **24/7, 365 days a year**.

WeTrack provides an innovative, competitive and tailored data-surveillance service. A unique solution to meet major current and future space challenges



Space
Situational
Awareness



Spectral
Efficiency
& Awareness



Flight
Dynamics
Resilience

HIGHEST EPHEMERIS ACCURACY

- Typical accuracy of 200m (1 sigma)
- No cross-tagging
- Top-class conjunction analysis & close approach monitoring
- Patented sensor technology ensuring utmost measurement accuracy
- Responsive co-variance matrixes and thrust vectors

ULTIMATE MANEUVER DETECTION

- High-rate measurement refresh to guarantee immediate maneuver detection

STRAIGHTFORWARD ADOPTION

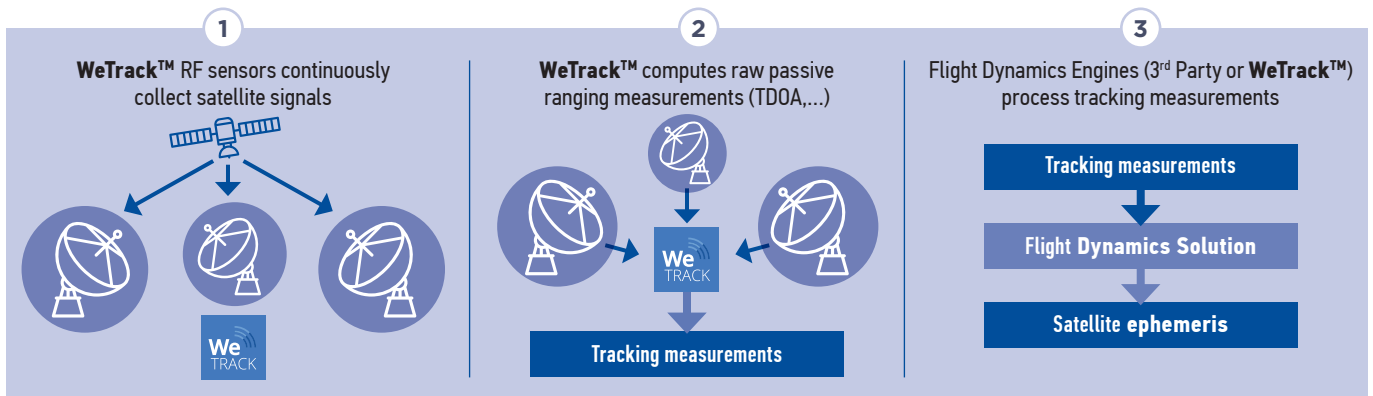
- Plug-and-play with major Flight Dynamics Systems
- API on web-interface
- Pay-per-use or yearly plans

HIGHEST REVISIT RATE

- Refreshed by the minute orbital measurements
- Continuous day and night tracking in all weather conditions
- Scheduled tasking in critical situation

VISIT [HTTPS://WETRACK.SPACE/](https://wetrack.space/)

WETRACK™



TECHNICAL PERFORMANCES

Sensor observation collection

- Any radio frequency signal (sparse, continuous, and telemetry signal)
- C & Ku bands. More bands upon request
- Even in non-standard satellite status (inclined orbits, drift, emergency)

Supplied orbital data

- Output format: Cartesian, Keplerian and NORAD TLE
- Wide range of supported time
- Standards and reference frames
- Continuously updated
- Typical accuracy: 200m (1 sigma)

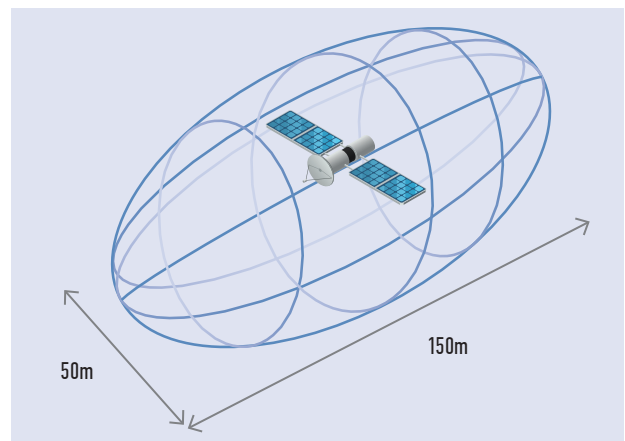
Subscription mode

- Satellite continuous tracking
- Global service (full GEO belt)
- On-demand request
- Raw data observations
- Orbital elements
- Maneuver information

Use-cases

- Satellite housekeeping
- Transmitter geolocation
- Satellite conjunction analysis
- Ranging maintenance backup solution
- Ranging system calibration
- Satellite drift tracking
- Data fusion

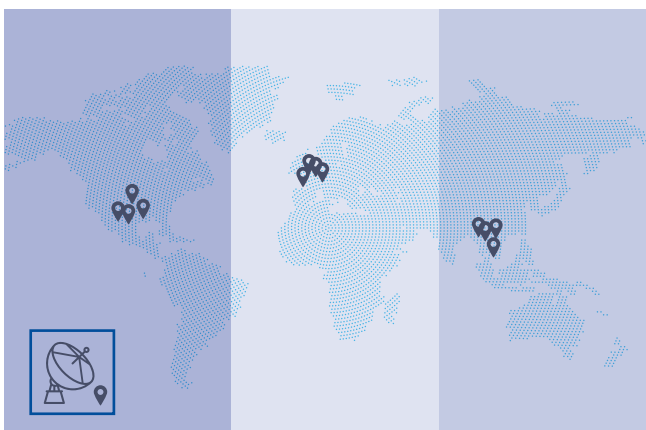
ORBIT DETERMINATION ACCURACY



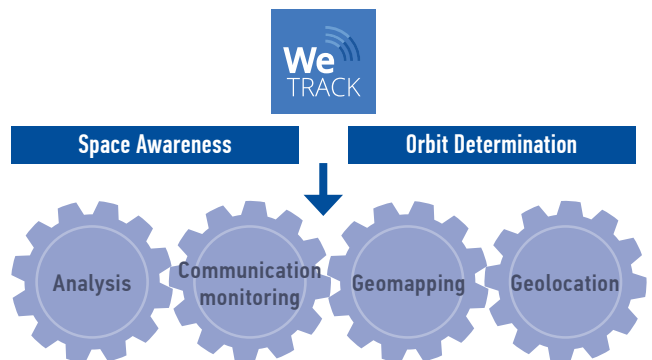
1 σ position uncertainty (m), including all bias uncertainties.

COVERAGE

Global coverage from three main tracking networks.



GOING FURTHER WITH SATELLITE SIGNALS



Find out how our solutions will transform your operations.

GLOBAL SALES

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