

SmartGeo LBS Platform

Hybrid Network Location Platform



Our SmartGeo Location-Based Services (LBS) Platform provides powerful tools and technologies to enable precise, scalable, and compliant location services for telecom operators, developers, and enterprises harnessing the power of real-time and passive location data in hybrid mode.

SmartGeo Active Locate

MLC (GMLC & SMLC(SMLC/SAS/eSMLC/LMF)

Enables real-time subscriber location retrieval.

Multi-Network Support

Works across 2G/3G/4G/5G NSA/SA networks.

Advanced Positioning

Supports E-CID, OTDOA, AoA, DL-AoD, Multi-RTT, AGNSS etc.

Multi-Source Data Fusion

Combines network, device, and external data for enhanced accuracy.

Multi-Vendor Compatibility

Supports seamless integration with ZTE, Huawei, Ericsson, and other network vendors.

SmartGeo Passive Edge

Historical & Predictive Analytics

for movement trends, dwell time, and footfall analysis.

Non-Intrusive Location Extraction

Works with existing telecom data.

Regulatory Compliance

Adheres to 3GPP, ETSI, and privacy laws.

Network Data Utilization

Converts telecom network data into location intelligence.

SmartGeo GeoHub

Comprehensive API Suite

Supports MLP interface and 50+ REST APIs for location, geofencing, proximity, and mass location services.

Multi-LBS App Management & Controlled Acces

Seamlessly onboard LBS apps with robust consent management and API usage restrictions tailored to app requirements.

Monetization & Charging

Implements flexible charging models for location-based services, enabling new revenue streams.

Location SDK

supports both iOS & Android Apps, enabling real-time tracking, geofencing, and offline location storage

Key Features



Hybrid Location Tracking

(Active & Passive Locate) across 2G, 3G, 4G, and 5G networks.



Multi-Source Data Fusion

Combines network, device, and external data for enhanced accuracy.



API & SDK Access

Secure location APIs for seamless integration with enterprise applications.



Comprehensive Reporting & Analytics

Customizable dashboards for real-time decision-making.



Consent Management

Ensures compliance with global data protection laws.



Regulatory Compliance

Meets 3GPP TS 23.271, TS 23.167, TS 29.171, TS 32.422, TS 33.107, TS 29.280 and ETSI NG112 standards.



Privacy & Security Compliance

Adheres to country-specific anonymization and data protection laws.

900M+

Connected Devices Reached

180B+

Location Events Processed Monthly

15000+

Transactions Requests Per Second (TPS) deployed Platform Capacity

Benefits



One Platform, Multiple Solutions

Combines real-time, passive, and analytical location intelligence.



Enhanced Decision-Making

Supports emergency response, business intelligence, and public safety.



Revenue Growth

Monetize location data for advertising, retail, and mobility insights.



Regulatory & Security Compliance

Meets 3GPP, ETSI, and national security mandates.

Target Audience



Telecom

Location services for subscribers, compliance, and monetization



Govt & Law Enforcement

Emergency tracking, lawful interception, disaster response services and fraud detecton.



Enterprises & SMEs

Enhance customer engagement and business intelligence.

3GPP / ETSI COMPLIANCE

- Active Locate: 3GPP TS 23.271, TS 29.171 (GMLC, SMLC & Positioning Standards)
- Passive Locate: 3GPP TS 32.422, TS 33.107 (Trace & Analytics Standards)
- Location Insights: Compliance with BI & AI analytics frameworks
- Data Privacy & Security: 3GPP TS 33.320, ETSI TS 102 232 (Subscriber Data Protection)



Get in touch

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