

# Technical Sheet

# CAMARA-ready APIs

Telecom network exposure, especially through 5G Standalone (5G SA), involves making advanced network capabilities-such as activity, mobility data, and programmable services-securely accessible to external developers, enterprises, and marketplaces via standardized APIs. Telecom companies are thus presented with a compelling opportunity to monetize their networks, enabling the creation of innovative application experiences, and enterprises release added-value services such as smart factories and fraud prevention.

## CAMARA-READY APIs



In line with the GSMA & Linus Foundation CAMARA program, the establishment of a network-powered ecosystem involving telecom companies, developers, and enterprises emerges as a crucial catalyst for generating new revenue streams: Omdia analysts predict that global network API revenues will reach \$9 billion by 2029, driven primarily by device location services. Metadata goes beyond device location, encompassing information on SIM card identification and traffic, thereby expanding operators' scope of action.

Our Agora platform enables the delivery of 24 CAMARA APIs, in three categories:

### #1: AUTHENTICATION AND FRAUD PREVENTION

- |  |                              |
|--|------------------------------|
| 1. Call forwarding signal              | 7. Know your customer tenure |
| 2. Customer insights                   | 8. Number recycling          |
| 3. Device swap                         | 9. Number verification       |
| 4. Know your customer age verification | 10. One-time password SMS    |
| 5. Know your customer fill in          | 11. SIM swap                 |
| 6. Know your customer match            | 12. SIM swap subscriptions   |

**#2: LOCATION SERVICES**

- 13. Geofencing subscriptions
- 14. Location retrieval
- 15. Location verification
- 16. Population density data
- 17. Region device count

**#3: DEVICE INFORMATION**

- 18. Connected network type
- 19. Connected network type subscriptions
- 20. Device identifier
- 21. Device reachability status
- 22. Device reachability status subscriptions
- 23. Device roaming status
- 24. Device roaming status subscriptions

**INTERSEC: ADVANCED NETWORK EXPOSURE**

With Intersec's proprietary APIs, telecom operators gain access to a wide range of unique and advanced features and functionalities:

- **Historized location data & Subscriber profile:** our platform enables telcos' customers to harness historized location data, empowering them to analyze trends, patterns, and customer behavior over time: place of living/work, patterns of life, mileage, travel habits...
- **Live population displays:** our interactive maps provide real-time insights, allowing users to accurately count the number of people present in a defined area, especially useful when managing crises, or for geo-statistics purposes.
- **AI-powered location algorithms:** our platform can detect unusual fluctuations in population density, known as threshold crossing, and trigger intelligent notifications based on contextual parameters. These capabilities are powerful tools to optimize network performance, enhance customer experiences, and unlock new revenues.
- **Proximity Detection:** our platform can detect if 2 devices are seen in the same area.

In PULL operations, Agora processes requests from client applications and returns the corresponding results from its Location cache database.

In PUSH operations, Agora autonomously sends real-time notifications to the client application for each occurrence of an event that matches the filtering criteria.

**About Intersec**

Intersec is a global leader in telecom metadata and location intelligence solutions. Designed by fast data experts, our solutions guide governments and telcos in their data-driven revolution to build tangible value, from efficiently warning people in case of danger to driving new sources of revenue. Our 90 clients in 50 countries leverage our instruments to reach, locate, and map nearly one billion connected devices 24/7, and our mission-critical communication solutions cover 400 million people around the world. Headquartered in France, Intersec places Privacy by Design well beyond accepted standards, it assures regulatory compliance, no matter where our clients operate. Learn more at [intersec.com](https://intersec.com).

