

Open Source Adaptive Authentication SDK

First GSMA Open Gateway, CAMARA-compatible solution for phone verification, user authentication and fraud prevention.

One Adaptive SDK. Multiple phone verification and authentication channels.

Combine Direct Carrier Network signals with Smart Fallbacks (OTP and IM) to onboard, verify, and protect your mobile app users in seconds.

<2s AUTH

>150 MNOs

100% REACH

CAMARA COMPATIBLE

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GSMA

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3GPP STANDARDS

Android Adaptive Authentication SDK

<https://github.com/ipification/ipification-android-sdk>

iOS Adaptive Authentication SDK

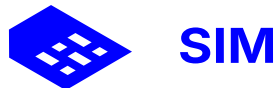
<https://github.com/ipification/ipification-ios-sdk>

The main reason for choosing the IPification SDK

Built-in Smart Fallback is a waterfall-based system.

The SDK doesn't pick a single channel—it runs a real-time decision loop, probing network conditions and carrier availability, and automatically routing each authentication attempt through the best available method. You can set your channel fallback logic through the SDK setup.

1. Try **Auth Methods** (in any order):



SIM



IP



SMS



IM

2. Any available and successful?

► **YES** (Phone Number Verified)

► **NO** (Verificaiton Failed)

A few available automations:

- 1** If IP-based mobile authentication is used, **we force cellular mobile data connections**, bypassing Wi-Fi entirely for that one request. The user stays on Wi-Fi for everything else and never notices. But the auth request carries a carrier-assigned IP, so the match succeeds.
- 2** **It supports phone number pre-population** for silent number verification, so the user doesn't have to type in the phone number by hand. IPification's technology can read the user's phone number from the SIM or Google Hint. Available only on Android SDK.
- 3** **Dual-stack API handling - IPv4 as well as IPv6.** The SDK detects which IP version the device presents on the mobile data interface and routes the auth request over the correct stack (v4 or v6) to ensure the carrier sees the correct IP for the successful authentication.

Coverage

4.9B

Population reached

40/20

Live / Deploying markets

Live service

Argentina, Australia, Brazil, Cambodia, Canada, Chile, China, Cyprus, France, Germany, Ghana, Greece, Hong Kong, Hungary, India, Indonesia, Iraq, Italy, Kuwait, Malaysia, Mexico, Mongolia, Montenegro, Netherlands, Peru, Philippines, Portugal, Qatar, Serbia, Singapore, South Africa, Spain, Switzerland, Thailand, United Kingdom, United States, Vietnam

Coming soon

Bangladesh, Belgium, Bosnia & Herzegovina, Colombia, Ethiopia, Japan, Kenya, New Zealand, Nigeria, Pakistan, Paraguay, Russia, Saudi Arabia, Shri Lanka, Sweden, Taiwan, Turkey, UAE, Uganda, Zambia

*As of June 2026, contact us for up-to-date coverage

Authenticate Globally. Stay Adaptive.
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