

Phone ID API

Provide safer & smarter online experiences

Detailed and actionable global phone number and subscriber data intelligence to strengthen authentications, evaluate fraud risks, and enhance the user experience



Understand the strength, value, or risk of a user through their phone number attributes including contact information, location, and more. Telesign Phone ID validates the user verification process, can eliminate timely and costly knowledge-based authentications, reduce fake accounts, inform risk models, improve conversions and accuracy of collected information and even determine the optimal channel for message delivery.

Identity signals



Contact

Provide end-user phone number and receive name and address* based on carrier subscriber contact data.



Contact match

Provide end-user phone number, first and last name, and address and receive score of 0-100 as matched against carrier subscriber contact data.



Subscriber status

Provide end-user phone number and receive current carrier subscriber status (account activation date, prepaid or postpaid, active, suspended, deactivated, account type, primary account holder, length of account tenure, date of last status change).



Porting history

Provide end-user phone number and receive number porting history data for last 90 days.



Number deactivation

Provide end-user phone number and receive intelligence on when the number was truly deactivated based on carriers' phone number data and Telesign's proprietary analysis; delivers a date and time stamp in the event a trust anchor has been broken.



SIM swap

Provide end-user phone number and find out whether the SIM has been swapped, and if so, at what point. Telesign evaluates how likely it is that the SIM swap was fraudulent using a scale from 1-4.



Porting status

Provide end-user phone number and receive information on whether the number has been ported or not and which carrier currently has the number.



Age verify

Provide end-user phone number and receive confirmation on whether the users are over the age of 18.

Telesign value



Better-informed decisions with true global data coverage in 230+ countries & territories**



Boost authentication confidence of online interactions and consumers to reduce fraud



Reduce time-to-decision processes for an improved customer experience throughout their lifecycle

See Phone ID API in action

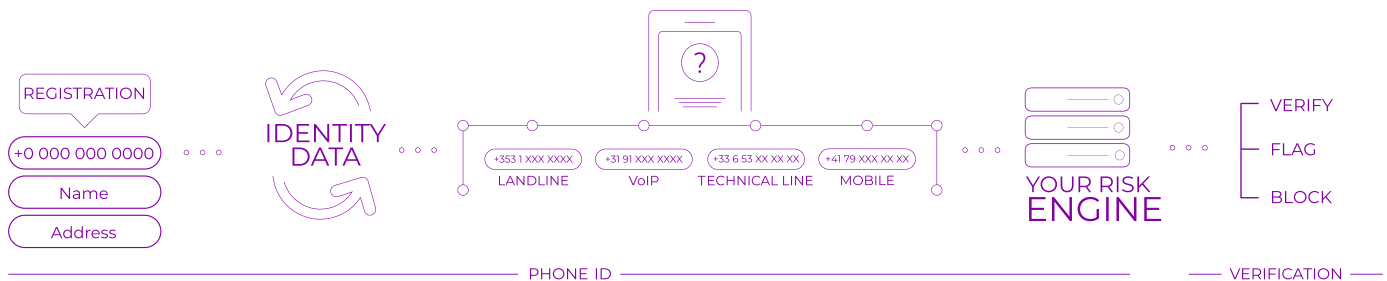
When a new user registers for a Web or mobile account, they are asked to provide their phone number. *** Evaluate phone-data attributes and compare the end-user-provided information against Telesign's verified identity data. If the returned phone data is not preferred or does not match, the account can be blocked, flagged, or required to verify using two-factor authentication (2FA).

A new user registers for an eCommerce site with a phone number

Subscriber Status identifies it as an active, post-paid number with lengthy tenure

Returned phone data is acceptable (e.g., phone type, postpaid, long tenure)

This number is **VERIFIED**, and account can be created



A new user registers for a financial site with a phone number

Returned phone type is not preferred (e.g., VoIP)

Contact Match identifies end-user data does NOT match verified carrier subscriber data and returns a low score (i.e., 40)

New account registration can be **BLOCKED**, flagged or required to verify using two-factor authentication (2FA)



"We were looking at several vendors, Telesign won out as our CPaaS vendor because of their demonstrated security expertise, high-quality direct-to-carrier routes, and global coverage. We use them to send both SMS notifications and security 2FA messages."

Dave Engberg,
CTO, Evernote



*Address available in US & Brazil **Data coverage by country varies by API *** Explicit consent may be required from the user, depending on data attributes requested, and should be collected using a separate, checked box.

