

SMS Verify API

Delivers patented phone-based verification and two-factor authentication using a time-based, one-time passcode sent over SMS.



ESTABLISH A GLOBAL TRUST ANCHOR

Ensuring the validity of your users is extremely important in preventing fraud and securing accounts from compromise. A great way to do that is to attach a verified phone number to end-user accounts, ideally when they first register. From there, that user's identity can easily be confirmed when they access their account from a new browser or device or attempt a high-value transaction.

-  **HIGH QUALITY, DIRECT-TO-CARRIER ROUTES**
Connects directly to thousands of carriers around the world and employs a waterfall approach across multiple routes to help ensure the highest delivery and conversion rates.
-  **SECURE, TIME-BASED, ONE-TIME PASSCODE (TOTP)**
Verifies users in real time by sending a one-time code via SMS that can be used to authenticate a known user, verify a transaction or block fraudsters from opening illegitimate accounts.
-  **SMART MESSAGE SPLITTING**
When splitting a long SMS message, it prevents the breaking of critical pieces of information, such as urls and email addresses, to ensure messages are delivered and viewed as intended.
-  **LONG MESSAGE SUPPORT**
Separates SMS message over 160 characters based on device type and operator requirements and sends it to the user's handset with instructions to reassemble the message back in the correct order as one SMS.
-  **RELIABLE GLOBAL COVERAGE**
Reach and ensure message delivery to end-users in over 200 countries and territories and in 87 different languages.
-  **ADVANCED PHONE NUMBER CLEANSING**
Properly formats phone number entered by end-user to ensure greater global delivery.
-  **INBOUND SMS FOR INTERACTIVE TWO-WAY COMMUNICATIONS**
Send an SMS with an OTP along with transaction details, and allow the user to reply with the code to approve or deny the request.
**This feature requires an additional transaction fee and is not available in all markets. Contact TeleSign for specific availability.*
-  **INSTANT MESSENGER APP INTEGRATIONS**
Send OTPs directly through to Facebook Messenger users. Instantly authenticate users in one of their preferred communication channels to reach more users.
-  **MESSAGE ENCODING & SMPP INTERFACE**
Utilize broad character sets and deliver different message encodings to handsets for global operations (GSM7, Latin1, and various Unicode encodings). Send messaging requests via Short Message Peer-to-Peer (SMPP) protocol to ensure high throughput and interoperability with your SMPP Short Message Entities (SME/ESME).

BENEFITS



PREVENT FAKE USERS

Mitigate new account registration fraud and attempts at bulk account creation.



PROTECT ACCOUNT ACCESS

Seamlessly authenticate existing users and secure accounts from compromise.



VERIFY TRANSACTIONS

Verify high-value transactions such as accessing credit card details, transferring funds or making bill payments.



ACCESS 24X7 SUPPORT

Team up with a dedicated technical account manager who provides user experience reviews and ensures global integrations are successfully implemented.



We were looking at several vendors, but TeleSign won out because of their demonstrated security expertise, the quality of their global SMS authentication offering, and because they understood the importance of the overall experience. TeleSign worked closely with us to ensure our UI/UX provided the best experience possible and would be easily adopted.”

DAVE ENGBERG
CTO, EVERNOTE

HOW IT WORKS



The following is one example of how to use the product to verify the identity of a user attempting to access their Web account from a new device.

- 1 The user visits your website and enters their existing credentials (username and password) to access their account.
- 2 The user already provided a verified mobile phone number when they first registered for an account.
- 3 Because this is the first time the user is accessing their account from a new device, a challenge is needed to further verify the user and permit them to complete the login attempt.
- 4 SMS Verify sends a time-based one-time passcode to the user's mobile number and at the same time, the user is shown a secondary login screen in their Web browser with a prompt to enter the passcode once it is received.
- 5 Once the user receives the passcode to their mobile device, they simply enter it in on the webpage as prompted.
- 6 You confirm with TeleSign that the passcode entered is the same code that was sent to the user and, if matched, the user is verified.
- 7 The user is then able to access their account.

Our platform connects and protects online experiences with sophisticated customer identity and engagement solutions. Through APIs that deliver user verification, data insights, and communications, we solve today's unique customer challenges by bridging your business to the complex world of global telecommunications.



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