

Get Smart with Restcomm 2FA



Smart 2FA for Identity Verification

The most widely implemented solution for strong authentication is to use a one-time password (OTP), also known as two-factor authentication (2FA). 2FA helps organizations protect user accounts with identity verification. The more individuals rely on web-based services for their work or daily life, the more pressure falls on enterprises to strengthen their security and validation procedures. Restcomm Smart 2FA from Telestax makes it easier.

A Turnkey Solution

Typically, a communications service provider (CSP) has to work with an enterprise client to build a 2FA application. With Smart 2FA, **99 percent** of the application development work is done.

The Smart 2FA Advantage

Smart 2FA allows CSPs to deliver a reliable and scalable 2FA solution over SMS, voice, and email channels to their enterprise customers and developers. With Smart2FA CSPs can go to market in hours while ensuring that all voice and SMS traffic can be routed over their own network.

2FA FACTS

Adding a recovery phone number to an individual account can block up to

100%

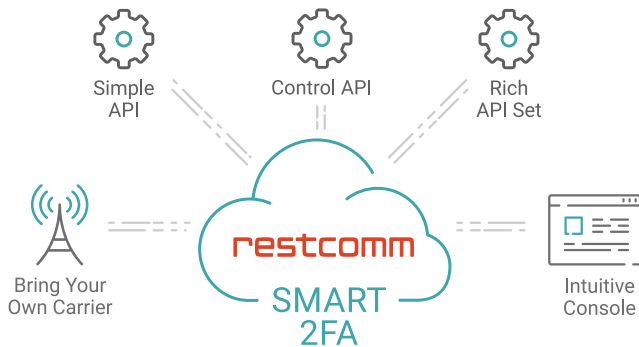
of automated bots,

99%

of bulk phishing attacks, and

66%

of targeted attacks.*



*Google Security Blog



TELESTAX RESTCOMM SMART 2FA ADVANTAGES

Bring Your Own Carrier (BYOC) to reduce costs and enable better delivery rates. The CSP is able to control routing from their existing core softswitch / SMSC to quickly address delivery or routing issues.

Intuitive Console allows users to view usage reports by day, month, or year and search using filter criteria like country code, channel, delivery status, and more.

Simple APIs to send OTP via various channels including SMS, voice, or email.

Control APIs enable users to cancel an existing OTP (while it is still active) to resend a new one. Or keep an old OTP active for a period of time while a new one is also sent. Many times there are network delays and users receive the first OTP after a delay while the system would have already generated a second OTP. In that case, allowing both the OTPs offers more options for users.

Rich API Set allows users to select any language for voice call via text-to-speech (TTS) with support for engines like VoiceRSS, Acapella, Amazon Poly, and Google Text-to-Speech.

2FA Use Cases

FINANCIAL

Financial institutions enable 2FA to ensure secure access to banking portals, mobile devices, financial records, and more. As 2FA is completely programmable, a bank may choose to require 2FA on specific events like sending an international wire.

RETAIL

A retail chain may enable 2FA so that customers can log in securely to order goods and services online and save and update their credit card or PayPal account information with confidence.

TRAVEL

A travel agency may implement 2FA so that customers can access their account history securely and privately, save credit/debit card information for a faster checkout experience and gain the status of a verified account that can book now and pay later.

ONLINE MARKETPLACES

Online marketplaces may enable 2FA to verify the identity of their buyers and sellers so that they can conduct transactions with confidence that the other party has been securely verified in advance in the marketplace.

HEALTHCARE

Healthcare facilities enable 2FA to allow for secure access to patient records and for online appointment scheduling. 2FA also protects patient identity and privacy in consult calls where patient and doctor are in different locations.

AUTOMOTIVE

Car rental companies may enable 2FA so that customers can book and pay for car rentals securely.

Find out how you can leverage OTP for account security with Smart 2FA today.

Contact us at info@telestax.com.



Bringing CPaaS to communications service providers, helping enterprises embrace the digital transformation.

www.telestax.com