



# 2-Factor Authentication

Global one-time PIN delivery  
with SMS and Voice

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Secure your applications, your users'  
online accounts and your business.

**infobip**

# 2-FACTOR AUTHENTICATION

## GLOBAL OTP DELIVERY WITH SMS AND VOICE

Online transactions and user accounts have become the norm in our digital world. With them come threats to user privacy, but also the reputation and profitability of web services and mobile apps.

SMS and Voice powered two-factor authentication (2FA) is a simple but efficient tool to secure your application, your users' confidential data and your business.

It relies on a cell phone to receive an additional login credential – a one-time password or PIN number (OTP) delivered via SMS or Voice.

Ideal for online companies with a global user base, SMS-powered authentication is easy to integrate, user friendly, and requires no additional hardware.

The Infobip solution is available in different versions, giving you the flexibility to deploy according to your needs.

### 1. FULLY-FEATURED SOLUTION

Complete system for OTP generation, verification and global delivery. Security logic is provided by Infobip, including:

- OTP request limit
- OTP validity
- Verification attempts limit

### 2. OTP DELIVERY - WORLDWIDE!

In this scenario you take care of security logic, OTP generation and validation, while Infobip provides PIN delivery anywhere

### WHEN TO USE 2FA?

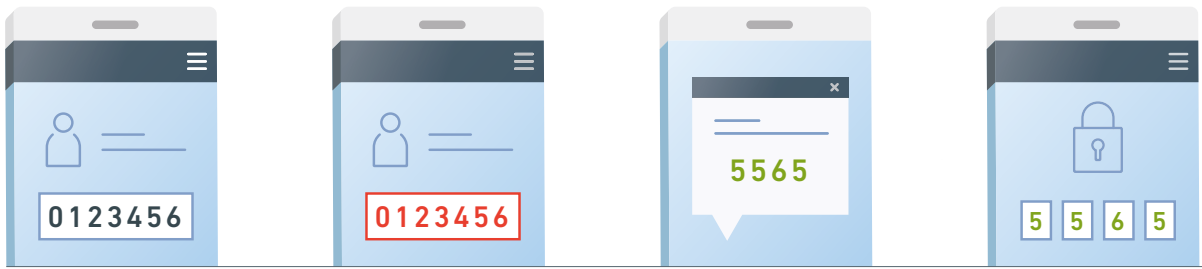
Every time a confirmation of identity is needed:

- Creating a new account
- Authenticating transactions
- Verifying access
- Software activation
- e-signatures

### WHO IS USING 2FA?

Websites and mobile apps that require logins, or perform transactions:

- SaaS providers
- All major social networks
- E-commerce solutions
- Booking systems
- Online banking solutions



- 1 User enter his or her mobile number into a web form
- 2 Number Lookup checks number validity. If invalid, Infobip alerts
- 3 OTP number is generated and sent to user's mobile phone
- 4 User receives the OTP and enters it to confirm his or her identity

■ 2FA flow example: One-time PIN is delivered in an SMS message; before that, phone number is checked for validity

your business needs it. Build your own authentication solution and use our global network for unmatched technical performance in delivering SMS or Voice OTPs to your users.

We harness our global coverage, in-house development, support and industry-leading messaging platform to deliver the most reliable SMS and Voice authentication on the market.

## SPECIAL FEATURES

**Customization.** SMPP/HTTP REST APIs allow developers to build custom solutions. Android and iOS available.

**Number Lookup.** Silent, automatic verification of each number, allowing you to send OTPs to valid numbers only.

**Transparent PIN delivery flow.** Real-time info on your PIN messages status. Get step-by-step delivery reports, and easily check your conversion rates and statistics.

- Reach over 800 networks worldwide
- 24/7 support with strict Service Level Agreements
- No hidden costs or setup fees
- Increase conversion with number validation
- No extra resources or maintenance needed
- ISO 9001, ISO 27001 certified

Contact us today to find out more!

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## GLOBAL PRESENCE

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Infobip operates one of the world's leading proprietary messaging and communications platforms, designed to connect mobile network operators with enterprises. Offices on six continents and strategic partnerships with major telco groups enable us to provide seamless integration and delivery.

Always looking for innovation and new ideas, fostering a customer-first business philosophy and being at home in every part of the world makes us the reliable provider for thousands of clients worldwide.

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### AWARDS:



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