

Number Verification API: Silently verify your end-user's mobile device



The Verizon Number Verification API enables seamless authentication of a mobile device. The API verifies that the user mobile number is associated with the device, allowing for a secure and seamless experience.

What does this mean?

The Number Verification API authenticates the end user behind the scenes. If you currently leverage One-Time Password (OTP) authentication, the Number Verification API can serve as a more secure method for user authentication.

What are the benefits?

- Seamless User Experience:** Authentication happens in the background, eliminating the need for OTPs and creating a simplified experience.
- Reduces Fraud:** Direct verification of the phone number with the mobile network, helps reduce fraud.
- Network Advantage:** Leverage a secure and reliable connection while authenticating seamlessly using cellular, WiFi, an app or mobile browser.
- Industry Specifications:** Built using CAMARA specifications, an open source project hosted by the Linux Foundation, focused on simplifying access to telecom network capabilities through APIs.

What are the key applications?

-  **Application Onboarding**
-  **Application Login**
-  **Password Reset**

By leveraging the Number Verification API, businesses can authenticate end users with enhanced security and a simplified experience.

How It Works

The Number Verification API leverages the power of the Verizon network to authenticate a device.

The process is simple:

-  **1. Request:** User initiated interaction (account creation, password reset) triggers an authentication request for the mobile number.
-  **2. Verify:** API checks for the mobile number match with Verizon records.
-  **3. Result:** Successful mobile number verification or identification of potential fraudulent activity.

To explore the Number Verification API or discuss how this API can address your specific challenges or needs please contact your Verizon account representative or email us at networkapis@verizon.com.