

SIM Swap API: Catch recent SIM swaps



What is the SIM Swap API?

The SIM Swap API allows you to check if a SIM card associated with a phone number has been recently changed, providing a crucial signal to help detect and prevent fraud. By integrating this simple check, you can better protect your users from account takeover and other malicious activities.

What does this mean?

The SIM Swap API is a powerful security signal working in the background, indicating a “yes” or “no” if a swap has occurred within your defined timeframe. This allows you to take additional steps to identify suspicious activity to help prevent fraud.

What are the benefits?



Strengthen Security: Receive a real-time signal of potential suspicious activity.



Build Customer Confidence: Protect user accounts with a powerful, behind-the-scenes security check for a frictionless user experience.



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.

The SIM Swap API is essential for any business focused on securing its mobile operations and building customer trust. It is particularly valuable for:

- **Financial Services:** Banks and payment platforms can secure fund transfers, deposits, and password changes.
- **E-commerce:** Online retailers can protect customer accounts during checkout and for profile updates.
- **Healthcare:** Telehealth services and patient portals can ensure that sensitive information remains secure.

By leveraging the SIM Swap API, organizations across various sectors can deliver a seamless and more secure customer experience.

How it Works

The process is seamless and happens in the background during key user interactions:



1. Secure Transactions: Instantly verify user identity during high-risk transaction (password reset, fund transfer).



2. SIM Swap Detection: Our API checks for recent SIM card changes.



3. Real-time Risk Assessment: Get a “Yes or No” answer to enhance security.

To explore the SIM Swap 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.