Google Maps Platform

Address Validation API

Improve checkout, delivery, and operations with reliable addresses.

You entered

4079 Albany Post St
Hyde Park, NY 12537
United States

Keep original

Recommended

4079 Albany Post **Rd**
Hyde Park, NY **12538**
United States

Confirm
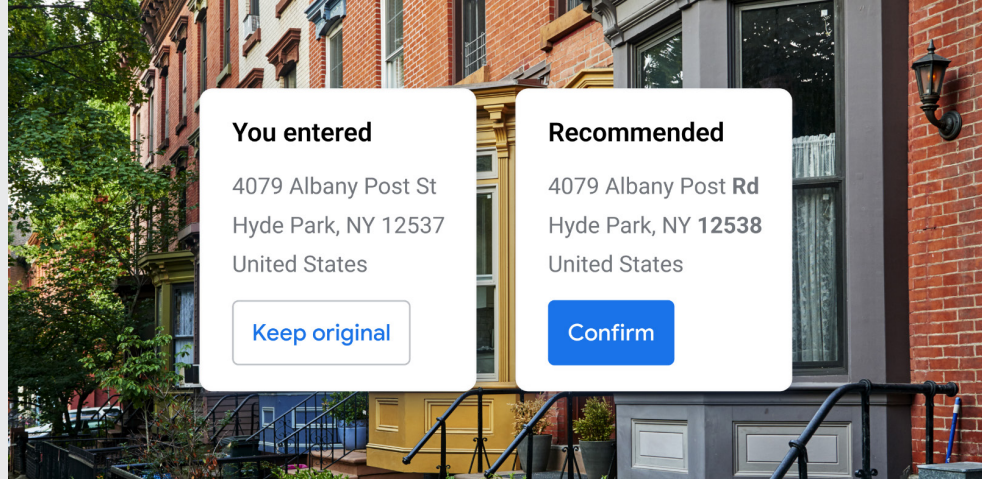
Improve user experience

5-10% of all last-mile deliveries fail.[1] Help improve delivery success by assisting users in entering deliverable addresses at checkout or account creation.

Reduce costly errors

Increase customer loyalty by minimizing delayed deliveries, lost sales, and chargebacks from catching and correcting invalid addresses early in the process.

Get enhanced accuracy

Benefit from accessing points of interest in Google Maps Platform's Places data for enhanced accuracy.

> Address Validation helps us identify and resolve problematic components of the bad addresses, which in turn improves business efficiency. We have more granular information on the errors. For example, if it was Line 1 and/or Line 2 that is problematic, so that our Operations team can rectify it accordingly.
>
> **PEDRO DIAS**
> Senior Software Engineer, Slerp

SLERP.

1. The Sustainable Last Mile, Accenture, 2021

Benefits of Address Validation

Powered by the Best of Google

[Address Validation](#) is built on Google's foundation of world-class infrastructure to deliver the stability and scale your enterprise needs, along with 24/5 support.

Rich, dynamic places data

Enable users to search the 200M+ places of interest in Google Maps Platform's Places data, and apply metadata, such as residential or commercial distinction.

Scalable performance

Reliable, high-performance infrastructure that scales with you—globally.

A single platform

No need to manage multiple vendors for an address capture solution: access Autocomplete and Address Validation in one place.

A complete address capture platform

128

128 Midland Ave
1282 21st St Unit 202
12817 Sycamore Blvd

Autocomplete

Get address entry started **faster** and transactions completed by predicting places as users type.

128 Midland Ave Apt 640

Townsville   NY

12345

Address Validation

Finish address entry more **reliably** by validating and correcting each component.

Google Maps Platform

Address Validation in Practice

Use cases across industries

Retail and Ecommerce

Offer shoppers an easy way to correct addresses, reduce failed or mis- deliveries, and minimize complications caused by address errors.

Transportation and Logistics

Help drivers save time, predict delivery challenges, and reach the consumer's door with greater precision and confidence.
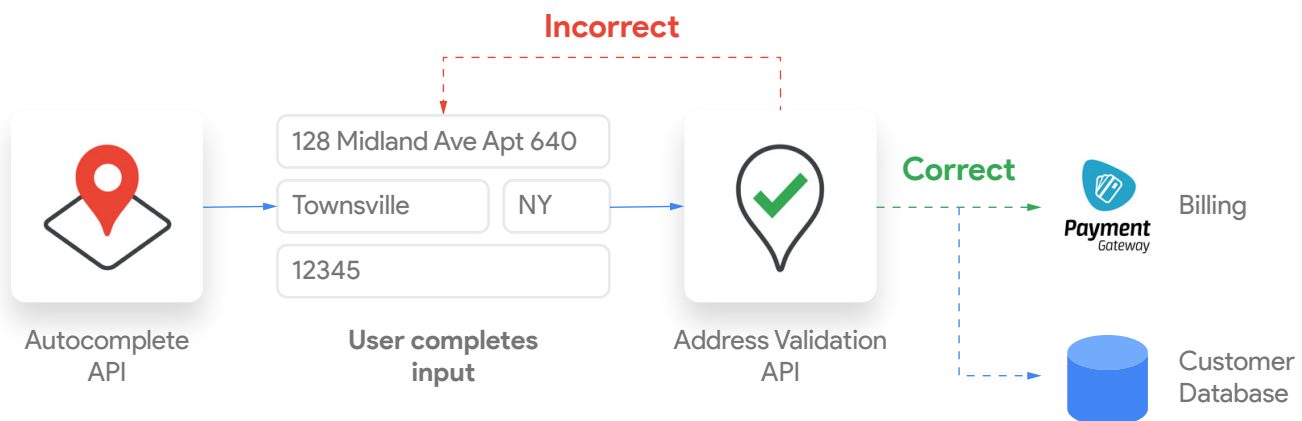

Financial Services and Insurance

Help authenticate cardholders and validate new accounts with proof-of-address. And potentially detect fraudulent sign-ups.

Easy to implement

The Address Validation API is designed for quick and easy integration with your existing processes. Below is a sample implementation guide for ecommerce checkout. Additional resource guides are available in the **Architecture Center**.

Incorrect

128 Midland Ave Apt 640

Townsville   NY

12345

Autocomplete API

User completes input

Address Validation API

Correct

Billing

Customer Database

Google Maps Platform

Get Started Today

How to get started

Address Validation API is generally available to anyone with a Google Cloud account.

Learn how to **set up your Google Cloud project** before using the Google Maps Platform APIs.

Try the demo! See examples of how the API responds to common address mistakes, or enter your own address to view the API response.

Dive deeper into adoption resources in the **Architecture Center**. For example, how to process a high volume of addresses, or how to implement for ecommerce checkout.

Explore the Demo Now

Google Maps Platform