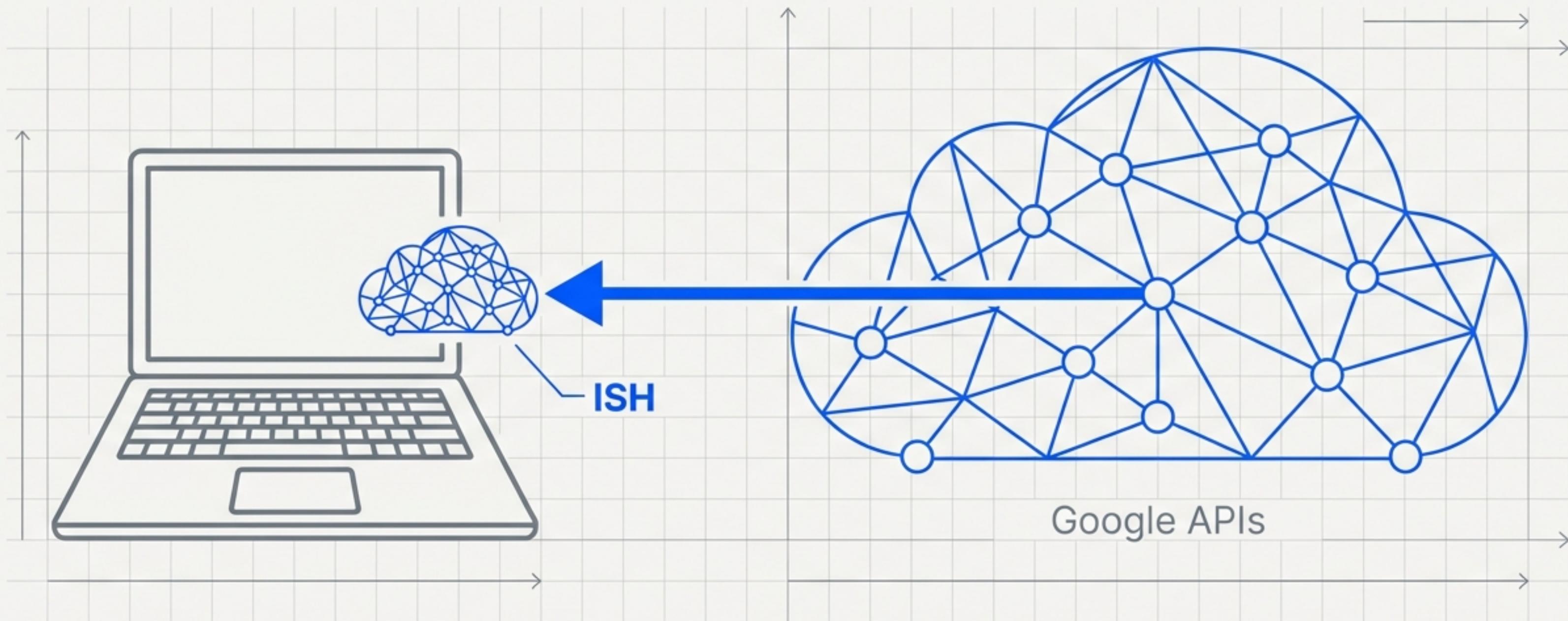


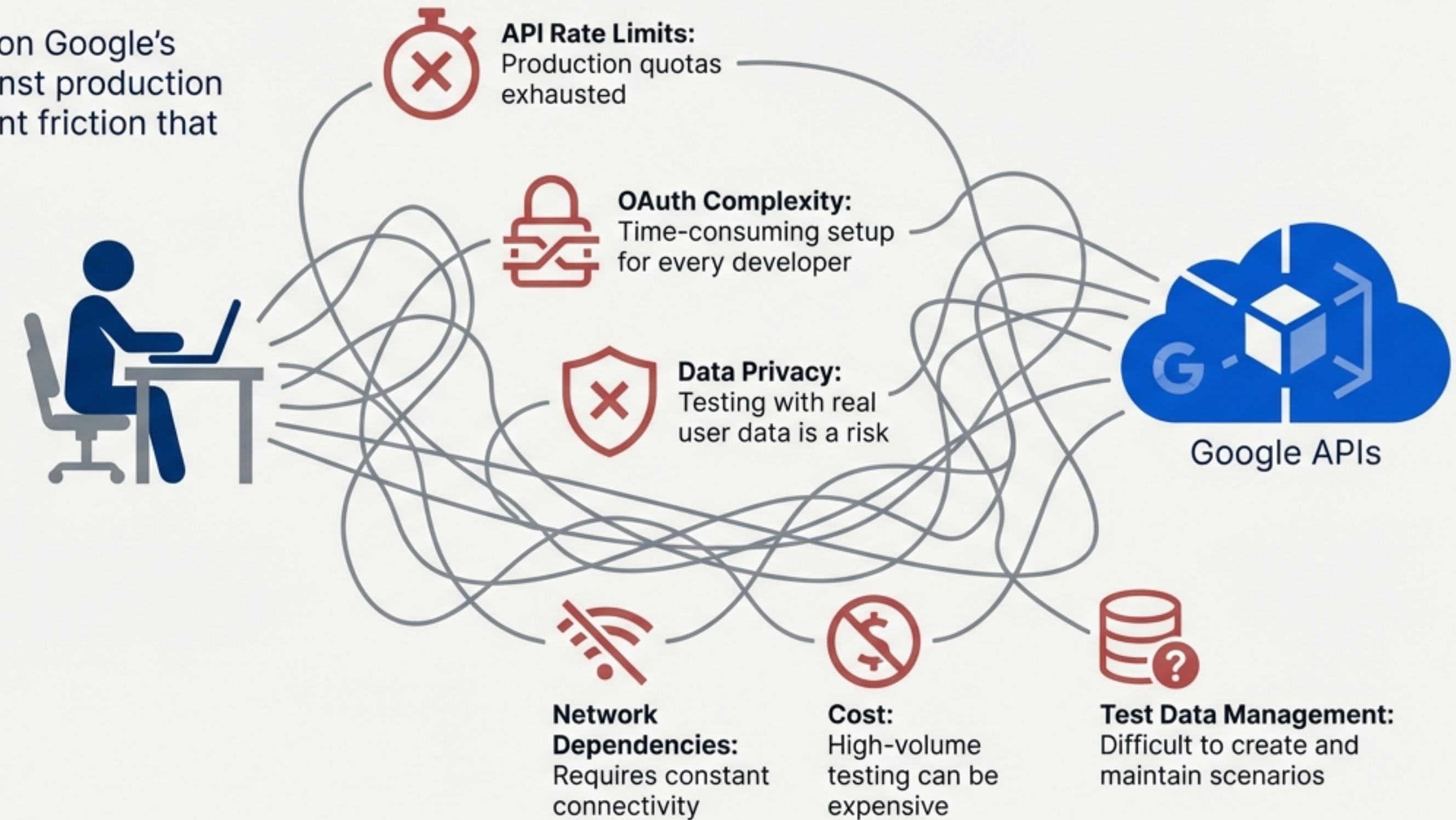
# ISH: Your Local Google API Digital Twin

Develop, test, and demonstrate without rate limits, network dependencies, or privacy concerns.



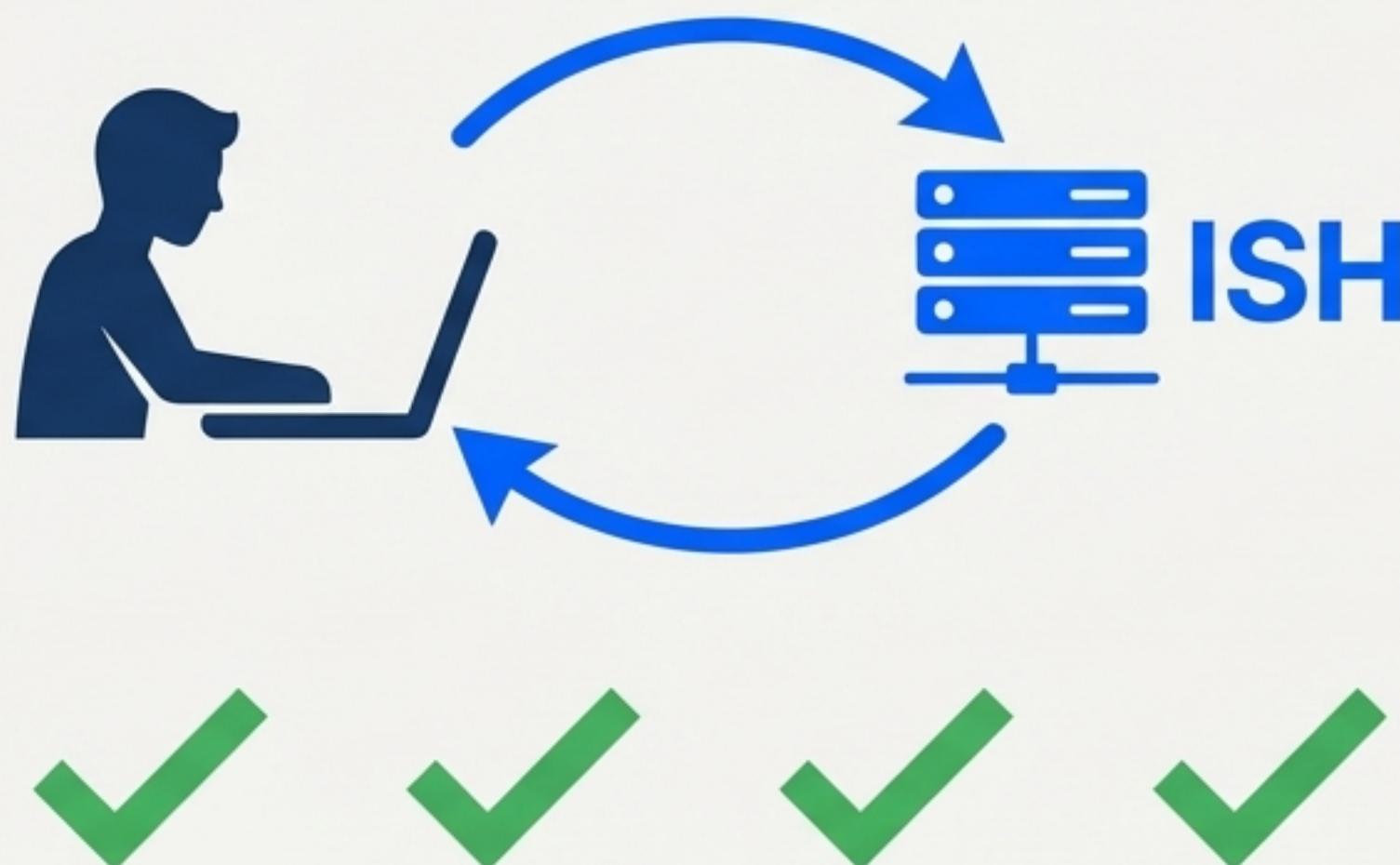
# The Friction of Developing with Live APIs

Modern applications rely on Google's APIs, but developing against production services creates significant friction that slows you down.



# A Frictionless Workflow is Now Local

ISH is a drop-in replacement for Google's APIs that runs entirely on your infrastructure, eliminating external dependencies and constraints.



- ✓ **100% Local Operation:** No external dependencies or network calls to Google.
- ✓ **Zero Rate Limits:** Test as aggressively as you need.
- ✓ **Instant Setup:** Single binary, running in seconds.
- ✓ **Full API Compatibility:** Works with your existing Google API client libraries.

# Complete API Coverage You Can Rely On

ISH implements the most commonly used Google API endpoints, so your existing code works without changes.



## Gmail API (v1)

List/send messages, attachment handling, label management, history.



## Calendar API (v3)

Create/update/delete events, recurring events, attendee management, sync tokens.



## People API (v1)

List/search contacts, batch operations, create/update/delete.



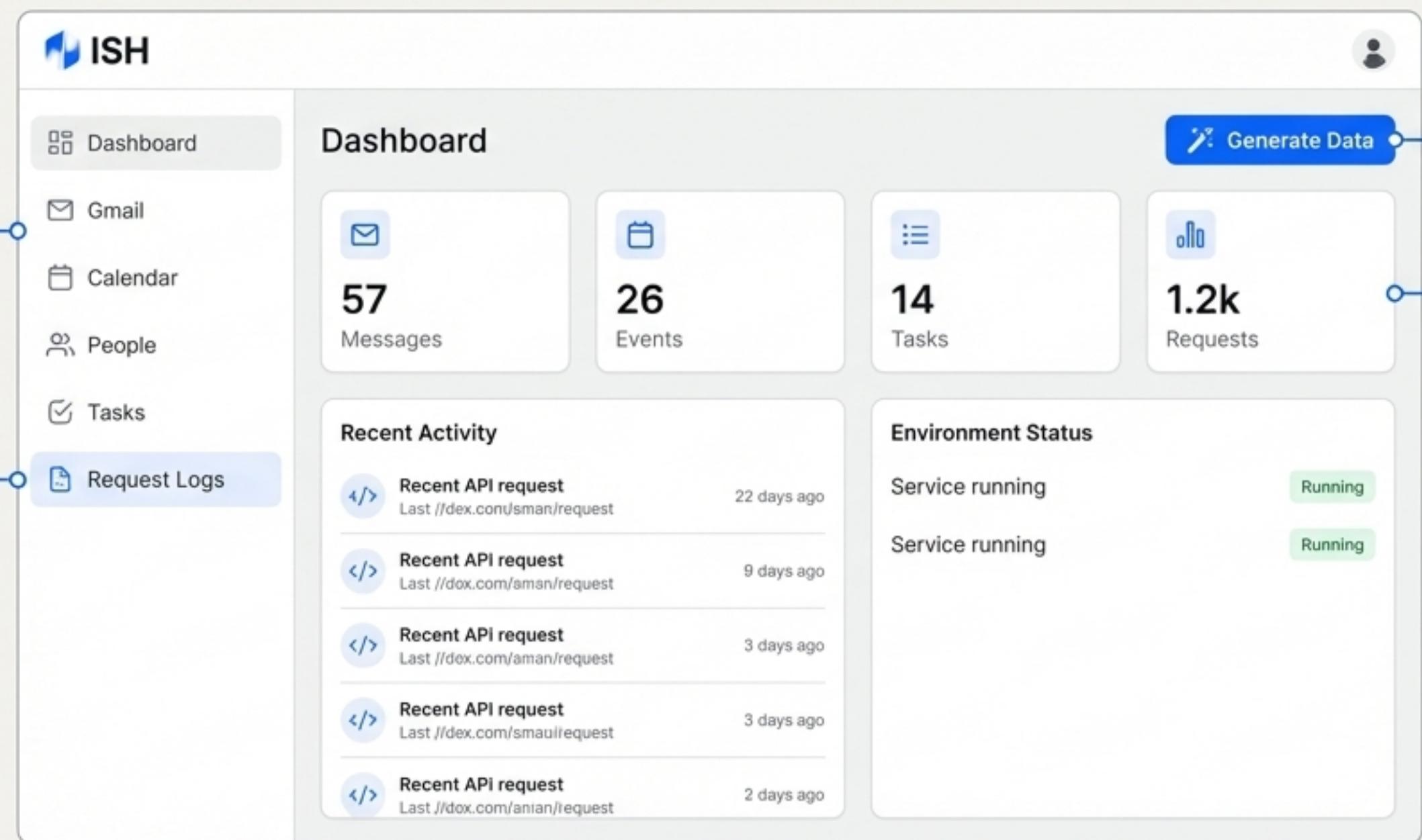
## Tasks API (v1)

Manage task lists and tasks, due dates, completion tracking.

Includes Auto-Reply settings management for office-sync tools.

# Gain Full Control with the Admin Interface

The built-in web interface provides a complete command center for managing test data, inspecting requests, and generating realistic environments.



The screenshot shows the ISH Admin Interface dashboard. On the left, a sidebar navigation menu includes: Dashboard (selected), Gmail, Calendar, People, Tasks, and Request Logs (highlighted with a blue box). The main dashboard area has a title 'Dashboard' and four cards: 'Messages' (57), 'Events' (26), 'Tasks' (14), and 'Requests' (1.2k). Below these are sections for 'Recent Activity' (listing five recent API requests) and 'Environment Status' (showing two services as 'Running'). A blue button labeled 'Generate Data' is in the top right. A user profile icon is in the top right corner. Callouts with arrows point to various features: 'Sidebar navigation for managing all services' points to the sidebar; 'Detailed request introspection' points to the 'Request Logs' button; 'AI Generation' points to the 'Generate Data' button; and 'Real-time metrics dashboard' points to the 'Requests' card.

Sidebar navigation for managing all services

Detailed request introspection

AI Generation

Real-time metrics dashboard

ISH

Dashboard

Generate Data

57 Messages

26 Events

14 Tasks

1.2k Requests

Recent Activity

- Recent API request  
Last /dex.com/sman/request 22 days ago
- Recent API request  
Last /dox.com/aman/request 9 days ago
- Recent API request  
Last /dex.com/aman/request 3 days ago
- Recent API request  
Last /dex.com/smaul/request 3 days ago
- Recent API request  
Last /dox.com/anian/request 2 days ago

Environment Status

- Service running
- Service running

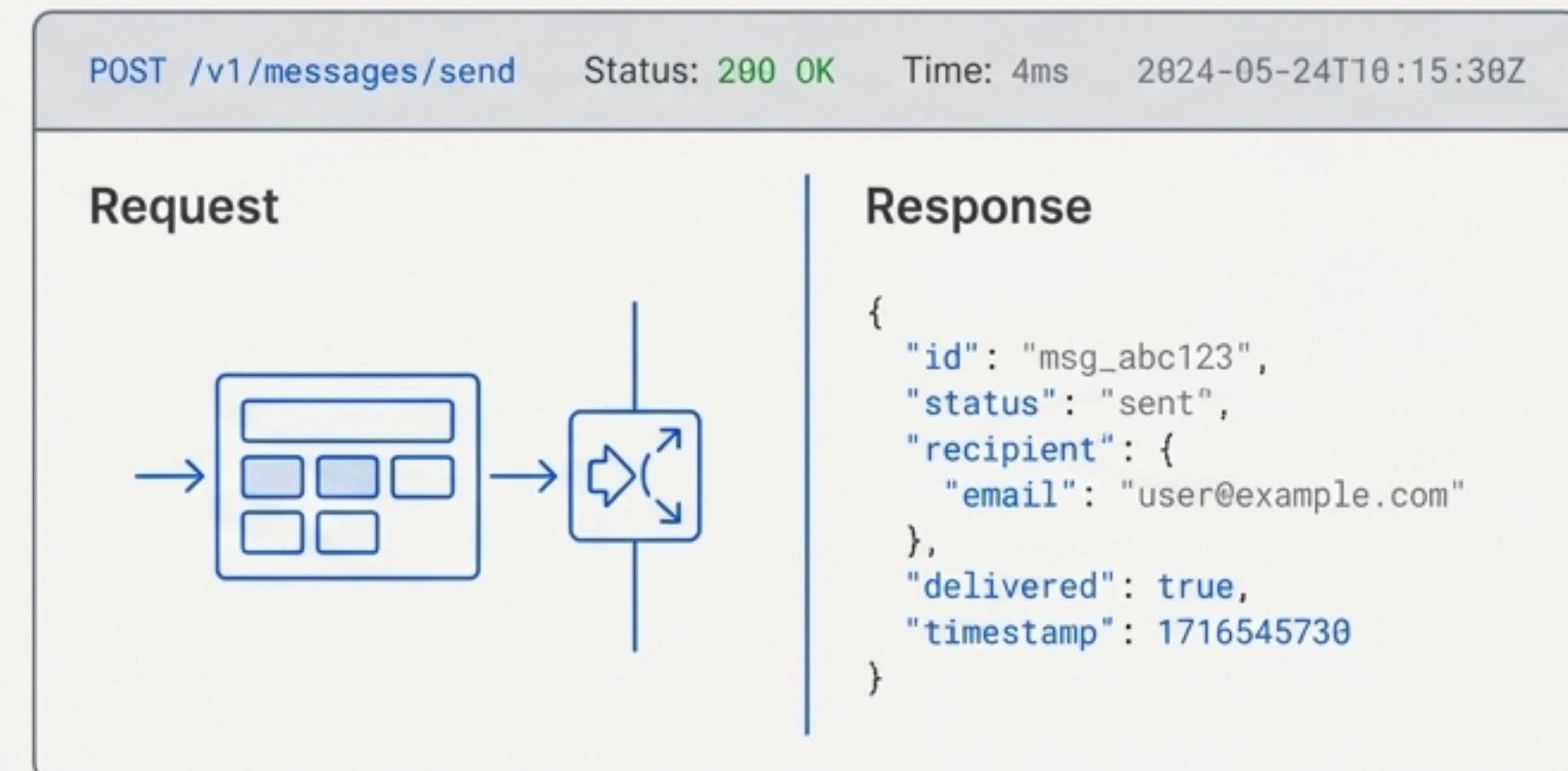
Request Logs

# See Everything with Advanced Request Introspection

Debug issues instantly. Every API request is logged with comprehensive details, providing an immutable audit trail for analysis.

## Logged Details

- HTTP method, path, and status code
- { } Request and response bodies (pretty-printed JSON)
- ⌚ Response time in milliseconds
- 👤 User identification and IP address
- 📅 Timestamp

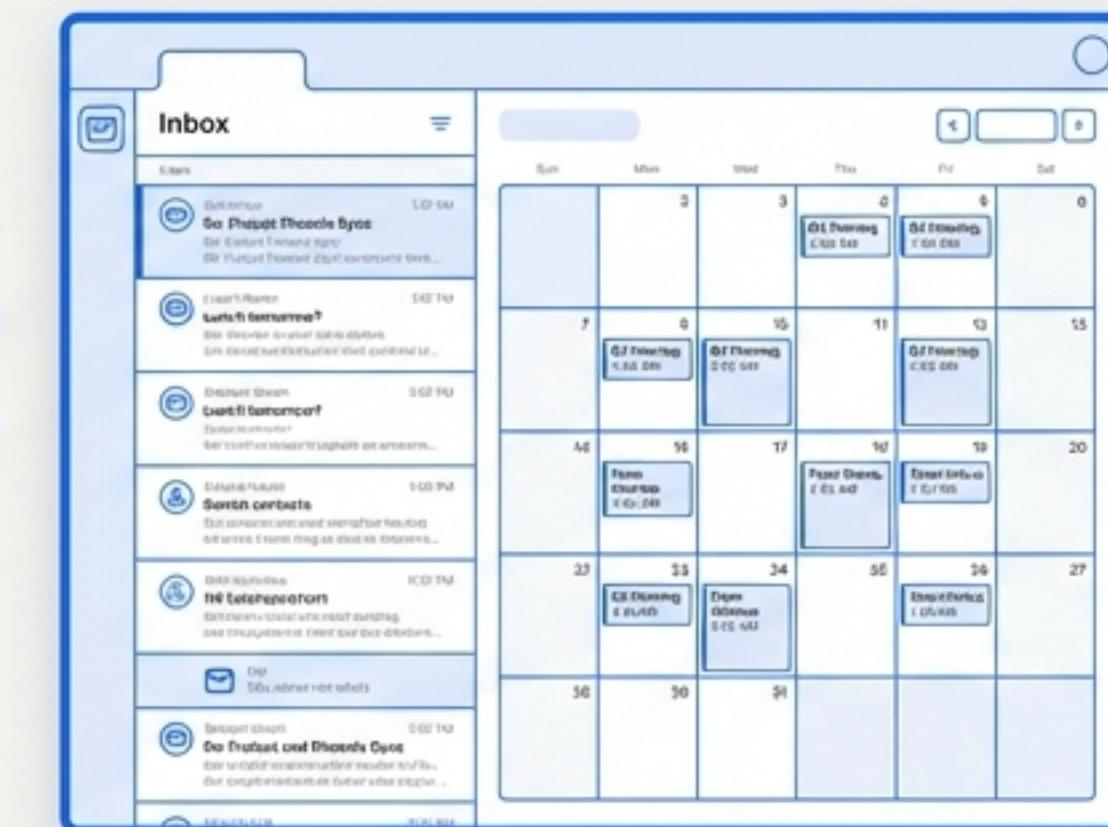
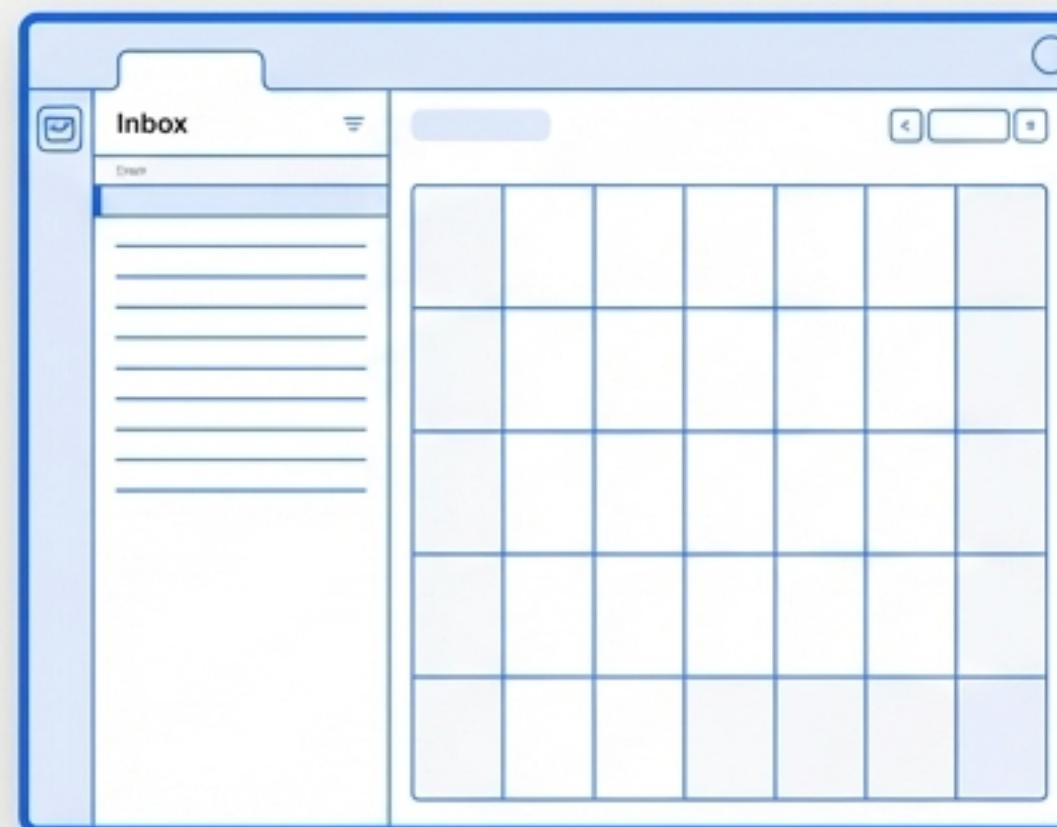


## Powerful Analytics

- 📊 Total request counts and trends
- ⚠️ Error rate monitoring
- ⌚ Average response times
- 👤 Most frequently accessed endpoints
- 📈 Per-endpoint performance metrics

# Seed Your Environment with Realistic AI-Generated Data

Stop creating test data by hand. ISH's AI generator creates contextually appropriate data that mimics real-world usage patterns with a single click.



Empty State

AI-Generated State

- ✉ 50+ realistic emails with proper headers and threading
- 📅 25+ calendar events with attendees and descriptions
- 👤 25+ contacts with names, emails, and companies
- ☑ 10+ tasks with due dates and completion status

# Built for Speed and Portability

A lightweight, modern architecture ensures high performance and simplifies deployment into any environment.



## Single Go Binary

No dependencies,  
cross-platform

## chi HTTP Server

Fast, idiomatic routing  
& middleware

## SQLite Backend

File-based, easy  
backup/restore

Admin UI is built with server-side rendered templates and HTMX for a fast, lightweight experience.

# Performance That Keeps Up with Your Tests

Optimized for low latency and high throughput, ISH is suitable for the most aggressive testing scenarios.

**< 100ms**

Startup Time

**< 5ms**

Request Latency

**> 10,000**

Requests/Second

**< 50MB**

Memory Usage

# Transform Your Workflow in Any Scenario



## Local Development

Point your existing clients at ISH. Code and debug with full API functionality, no network needed.



## Continuous Integration

Run fast, reliable, and flake-free tests without network issues or rate limits.



## Demos & Sales

Present your product with consistent, offline-capable demo data. Reset to a clean state instantly.



## Offline Work

Work on planes, trains, or anywhere. Explore edge cases and debug issues without internet access.



## Education & Training

Teach API integration without managing student Google accounts or complex OAuth setups.

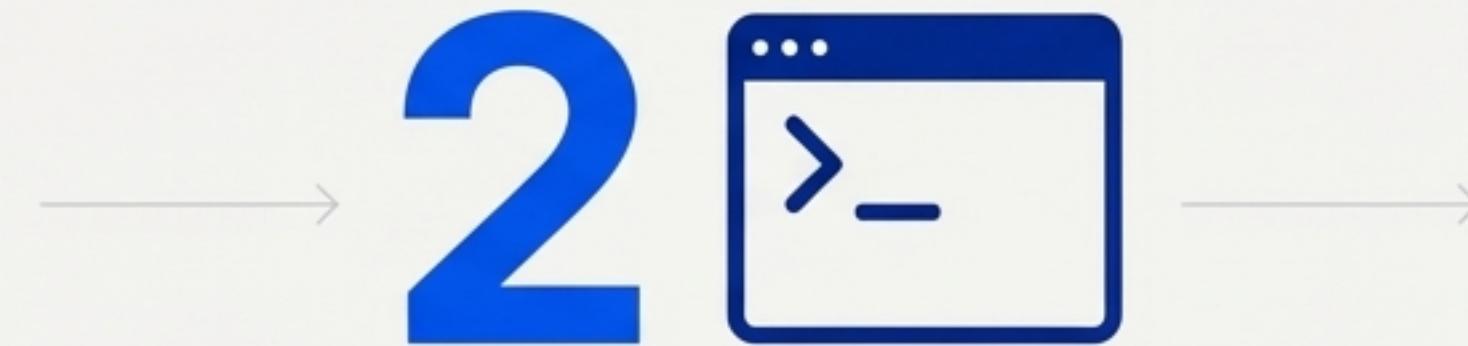
# The Clear Alternative

Solution	Setup Complexity	API Coverage	Cost	Offline
ISH	 One command Roboto Mono	 Gmail, Calendar, People, Tasks Inter Regular	 Free Inter Regular	 Yes Inter Regular
Google API Test Env	 OAuth setup	 All APIs	 Free tier limits	 No
Custom Mock Server	 Build yourself	 Whatever you build	 Time investment	 Yes
Postman Mock Servers	 Per-endpoint setup	 Manual config	 Paid plans	 No

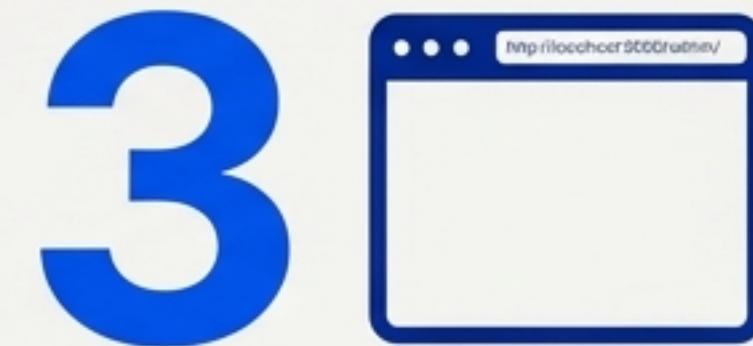
# Get Started in 60 Seconds



1  
Download the single  
binary for your OS.



2  
Execute `./ish` in your  
terminal.



3  
Navigate to  
<http://localhost:9000/admin/>

## Configuration

ISH\_PORT - (default: 9000)

ISH\_DB\_PATH - (default: ./ish.db)

# Integrate Seamlessly with Your Existing Code

ISH works with standard Google API client libraries. Just point them at your local ISH server endpoint.

## Node.js

```
const { google } = require('googleapis');
const auth = new google.auth.OAuth2(
  'YOUR_CLIENT_ID',
  'YOUR_CLIENT_SECRET',
  'YOUR_REDIRECT_URL'
);
const gmail = google.gmail({ version:
  'v1', auth, endpoint: 'http://localhost:
  9880' });
```

## Python

```
from googleapiclient.discovery import
build
import httplib2

http = httplib2.Http()
service = build(
  "gmail", "v1", http=http,
  api_endpoint="http://localhost:9880")
```

## Go

```
import (
  "context"
  "google.golang.org/api/gmail/v1"
  "google.golang.org/api/option"
)

ctx := context.Background()
service, err := gmail.NewService(ctx,
  option.WithEndpoint("http://localhost:
  9880"))
```

# The Future is Open

## What's Next

-  • Drive API
-  • Sheets API
-  • OAuth Mock
-  • Multi-User Support
-  • Official Docker Image
-  • Prometheus/StatsD Integration

## Contribute & Get Help

ISH is open source and welcomes contributions.



GitHub Issues for bugs



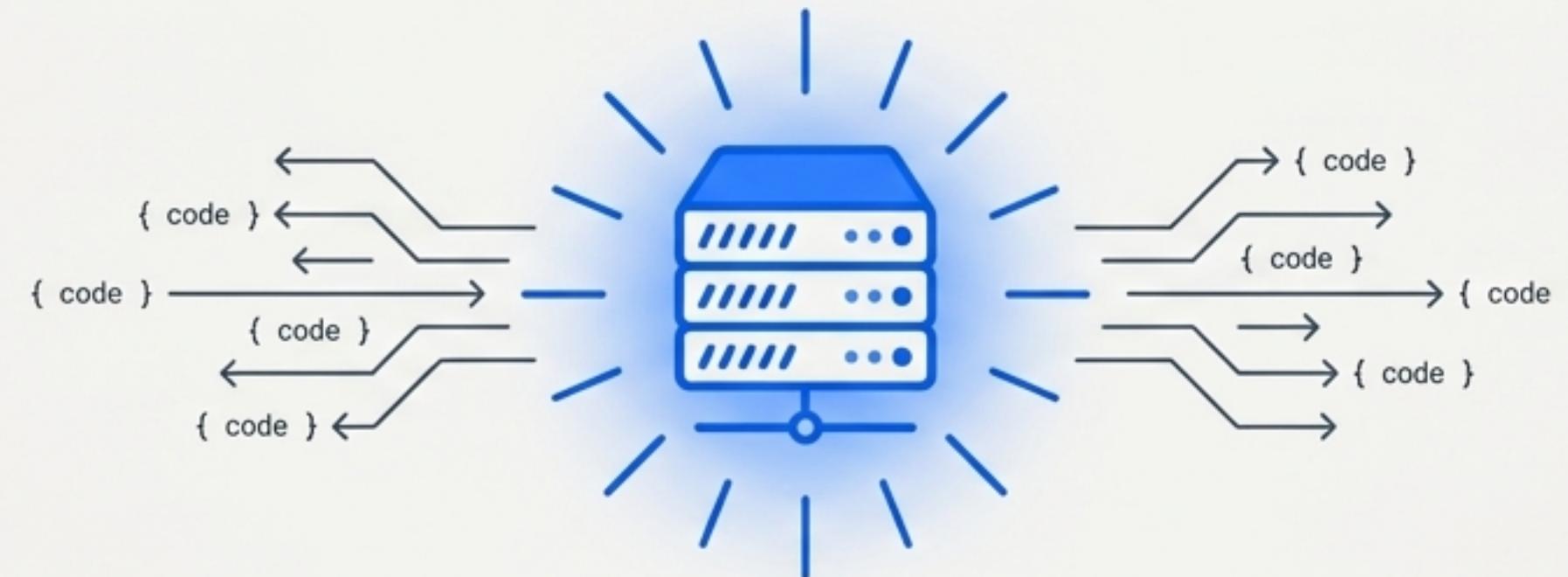
Discussions for questions



Email for enterprise support

# Eliminate API Friction. Reclaim Your Time.

ISH provides a fast, reliable, and completely local alternative to Google's production services. Stop waiting, start building.



**Get started now:**  
`curl -sL get.ish.dev | sh`  
`http://localhost:9000/admin/`

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