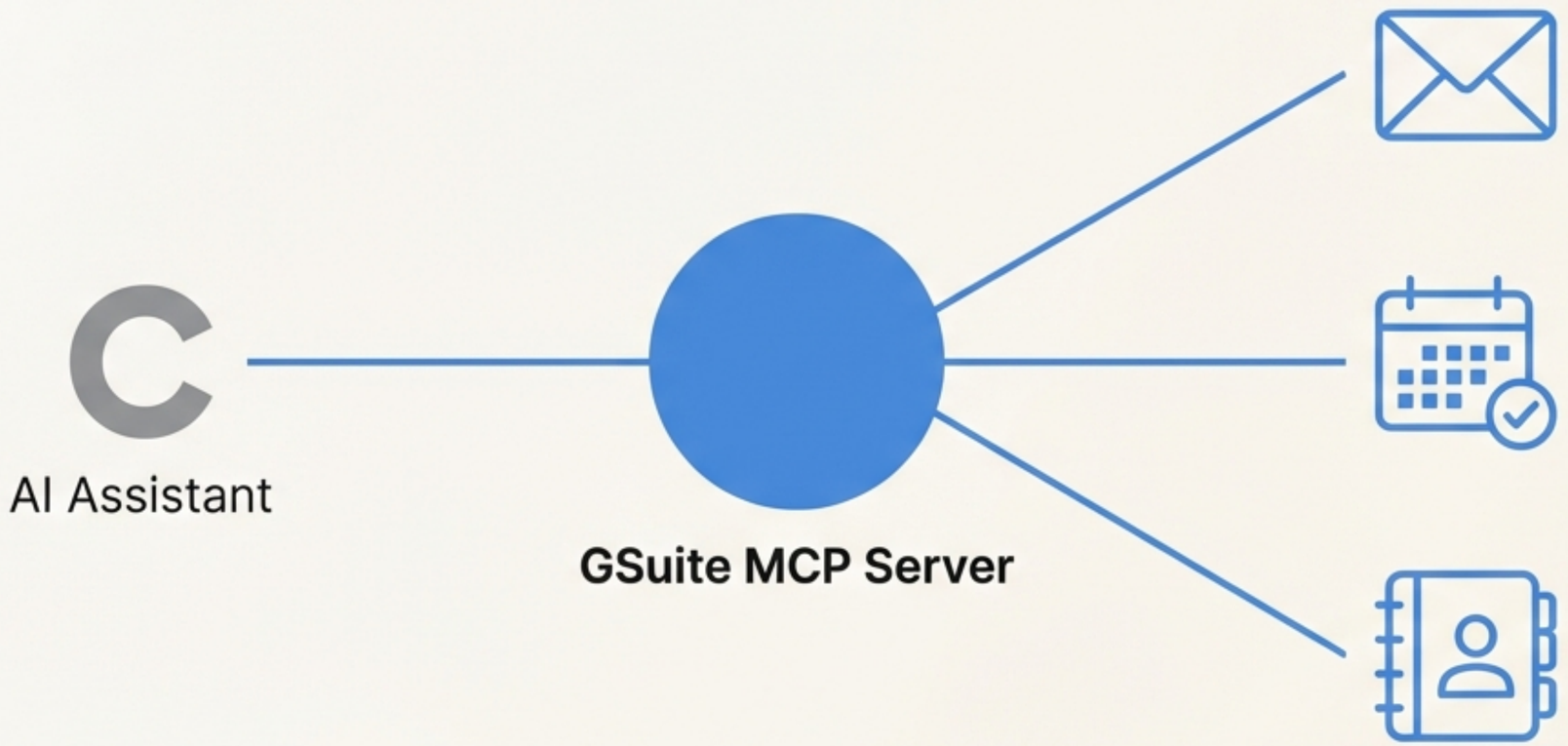
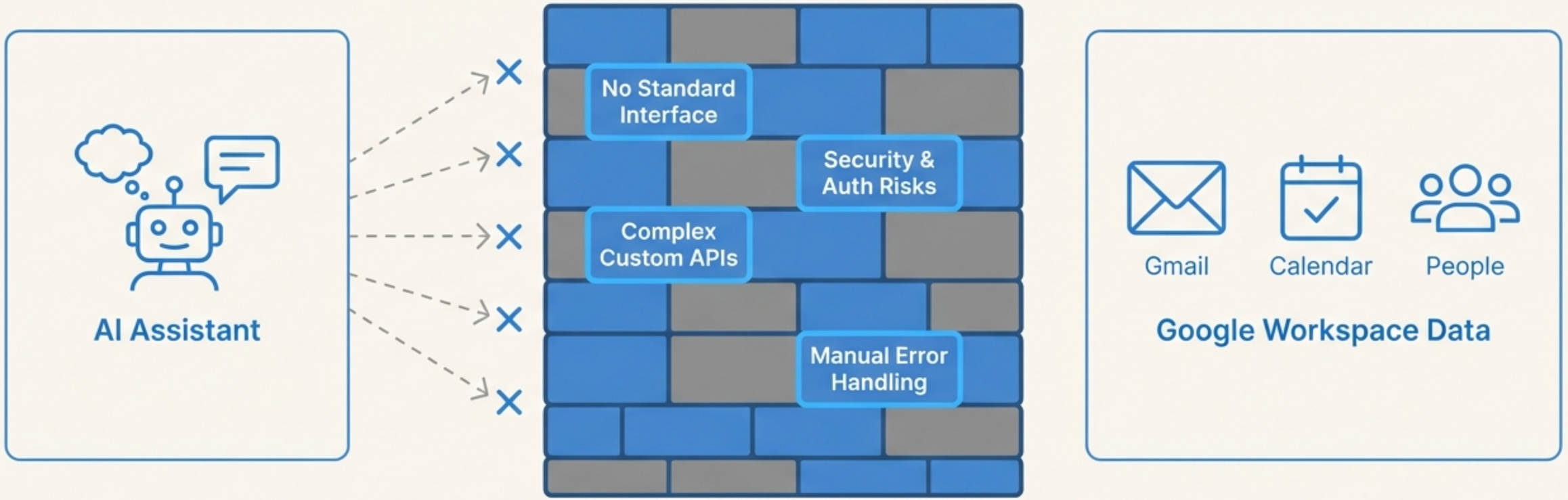
Unlock Your AI's True Potential in Google Workspace

The **Production-Ready GSuite MCP Server.** A secure, high-performance bridge to Gmail, Calendar, and Contacts.



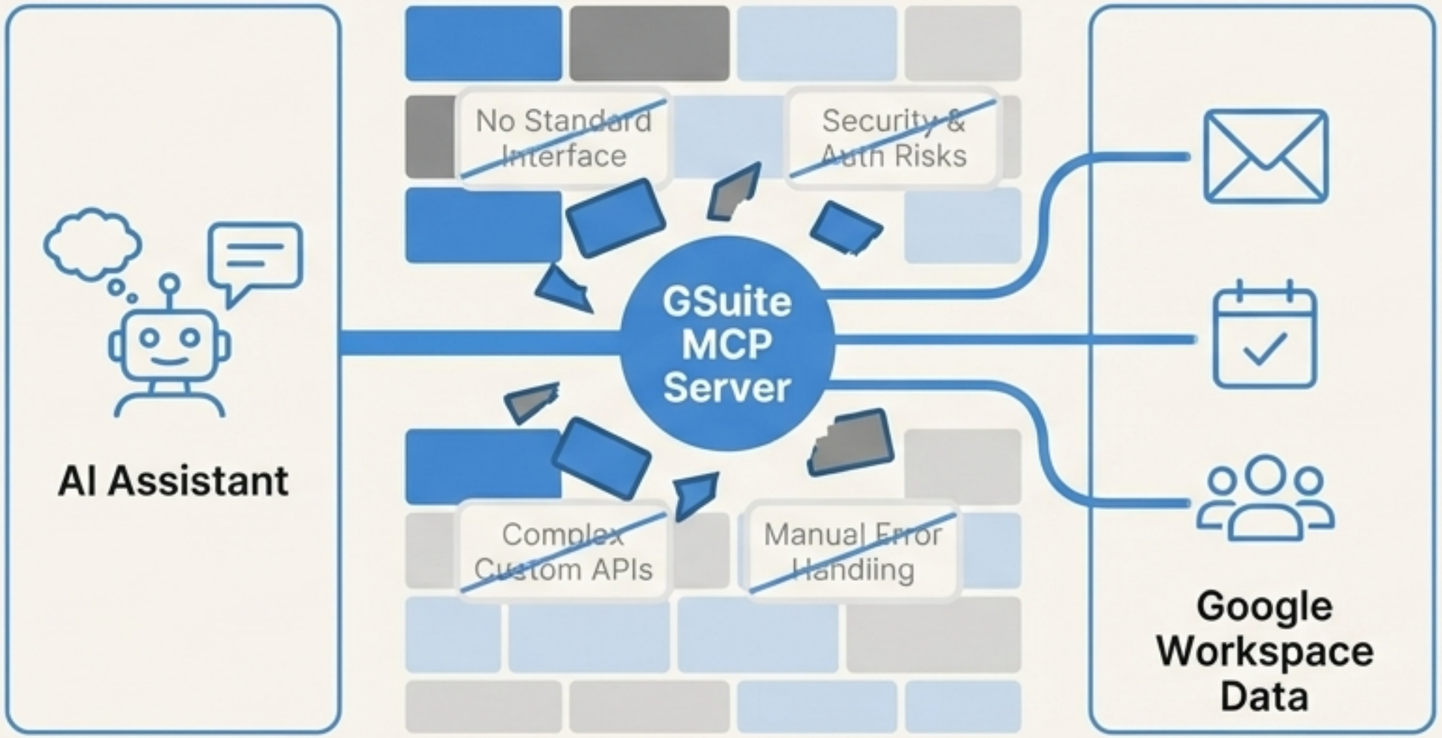
Your AI is Powerful, But It’s Flying Blind

Today’s AI models lack access to the user’s most critical operational data, which is locked inside Google Workspace. This prevents them from moving beyond chat to become active productivity partners.



The Bridge: A Standard Protocol for Integration

Introducing the GSuite MCP Server, built on Anthropic's open Model Context Protocol (MCP). It’s a universal adapter that transforms GSuite into a programmable, AI-native platform.



Standardization: One protocol for all integrations, no custom APIs per tool.

Security: Built-in permission model and sandboxed execution.

Composability: Chain multiple MCP servers for complex workflows.

Type Safety: Strongly-typed schemas prevent runtime errors.

Complete Workspace Control: 19 Production-Ready Tools

Get full CRUD (Create, Read, Update, Delete) mastery over the core GSuite applications from day one.

Gmail (8 Tools)

- Search & Filter Messages
- Send, Draft & Manage Emails
- Organize with Labels
- Trash & Delete Securely

Calendar (5 Tools)

- List, Search & Get Events
- Create & Schedule Meetings
- Update & Cancel Events

People (6 Tools)

- List, Search & Get Contacts
- Create & Update Contacts
- Manage Your Address Book

From Language to Action: A Practical Example

1. Intent

Claude, find a 30-min slot with Jane Doe next week for a project sync and send an invite.

2. Processing

GSuite MCP Server

```
people_search_contacts(name='Jane Doe')
calendar_list_events(...)
calendar_create_event(...)
```

3. Result

Project Sync

Tuesday, 2:30pm - 3:00pm

You, Jane Doe

Engineered for Production: The Go Advantage

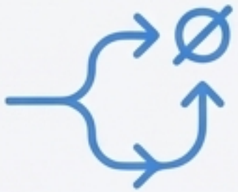
Built in Go for high concurrency, low latency, and operational reliability. This **isn't a prototype; it's designed for scale.**

High Performance (Go)

Single binary deployment, low memory footprint (~50MB), sub-millisecond handler overhead.

Resilience by Design

Automatic retries with exponential backoff for rate limits (429) and server errors (500, 503).



Robust Error Handling

Nil-safe for optional API fields, full context propagation for timeouts, and structured error wrapping.

Strict Input Validation

Required field validation at the handler level, preventing bad data from reaching the APIs.

Secure by Default, Granular by Design

We implement the industry-standard OAuth 2.0 flow, ensuring users have full control over permissions and that credentials are never exposed.

1. User Authorizes in Browser (Grants Scopes)
2. Server Receives Authorization Code
3. Server Exchanges Code for Access & Refresh Tokens
4. Tokens Stored Encrypted (`token.json`)
5. Server Refreshes Tokens Automatically

- ✅ Principle of Least Privilege (Scoped Permissions)
- ✅ No Credentials in Code
- ✅ Encrypted Token Storage at Rest
- ✅ Full Audit Trail for All Operations

Save Weeks of Engineering. Outperform Alternatives.

vs. Direct API Integration

Feature Roboto Flex	**GSuite MCP Server** JetBrains Mono **#1A1A1A**	Direct API JetBrains Mono #202124
Setup Time	**5 minutes**	Days/weeks
Error Handling	**Automatic**	Manual
Retry Logic	**Built-in**	Manual
Testing Mode	**Included (Digital Twin)**	Build yourself

vs. Other MCP Servers

Feature Roboto Flex	**GSuite MCP Server** JetBrains Mono **#1A1A1A**	Alternatives JetBrains Mono #202124
Language	**Go (Sub-ms latency)**	Python (Slow)
Memory Usage	**~50MB**	200-500MB
Completeness	✔️ **All 19 CRUD Tools**	⚠️ Partial / Read-only
Production Ready	✔️ **Defensively Coded**	❌ Alpha quality

Test Fearlessly. Iterate Instantly.

The built-in "**Digital Twin**" testing mode uses a fake API server, enabling a revolutionary development and CI/CD workflow.

Zero API Quotas

Run unlimited tests without cost or rate limits.

Offline Development

Code and test on a plane, no internet needed.

Deterministic CI/CD

Get fast, reliable, and predictable integration tests.

Safe Experimentation

Never risk corrupting production user data.

> "The digital twin testing mode is a game-changer. We can run 1000+ integration tests in CI without hitting any API quotas."
>
> — DevOps Engineer, Fortune 500 Company

Fast at Scale. Rock-Solid Under Load.

Test Environment: MacBook Pro M1, 16GB RAM. Local dev with digital twin.

Roboto Flex SemiBold

Operation	Avg Latency	P95 Latency	P99 Latency
List Messages (100)	12ms	18ms	24ms
Send Email	8ms	14ms	20ms
Create Event	10ms	16ms	22ms
Search Contacts	15ms	22ms	30ms

Concurrent Load Test Results (110 simultaneous operations):

95%+ Success Rate

<5% CPU Usage

~50MB Memory (Stable)

Zero Zero Crashes or Panics

Powering a New Class of Automation

Executive Support

Automated email triage and calendar management for busy execs.

80% reduction in email triage time.

"...Our CEO's productivity increased 3x..."
— Chief of Staff in Roboto Flex Regular (#202124)

Sales Automation

Auto-updating CRM from emails and scheduling follow-ups.

100% follow-up compliance.

"...replaced 5,000 lines of custom Python code..."
— Engineering Lead in Roboto Flex Regular (#202124)

Customer Service

Tracking customer interactions and routing support tickets from Gmail.

40% faster response time.

Event Planning

Coordinating large team events with dozens of attendees.

Event scheduled in 10 minutes vs. days.

Constantly Evolving: What's Next

Get Started in 5 Minutes

```
$ git clone https://github.com/example/gsuite-mcp-server

$ # Configure your credentials.json from Google Cloud

$ go run ./cmd/server
```

Prerequisites:

- Go 1.21 or higher
- Google Cloud Project with APIs enabled
- OAuth 2.0 credentials file

`github.com/example/gsuite-mcp-server`

Open Source, Enterprise Ready

Open Source

Cost: Free for all uses (commercial, personal).

- ☑ Full source code
- ☑ Self-hosting
- ☑ Community support via GitHub
- ☑ Regular updates

Coming Soon

Enterprise Support

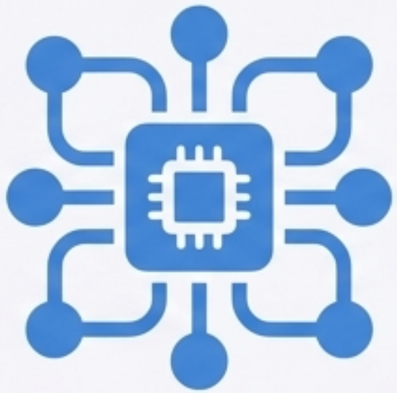
- ☑ SLA-backed support
- ☑ Custom feature development
- ☑ Priority bug fixes
- ☑ Security audits & compliance

Transform GSuite into a Programmable Platform

✅ **Complete**: 19 CRUD tools for Gmail, Calendar, & People.

✅ **Production-Ready**: Resilient, tested, and nil-safe.

✅ **Fast**: Sub-millisecond Go performance.



GSuite MCP Server

✅ **Secure**: Built on OAuth 2.0 with an audit trail.

✅ **Testable**: Game-changing built-in Digital Twin.

✅ **Open**: MIT licensed and free forever.

Full Documentation | GitHub Issues & Discussions | contact@example.com