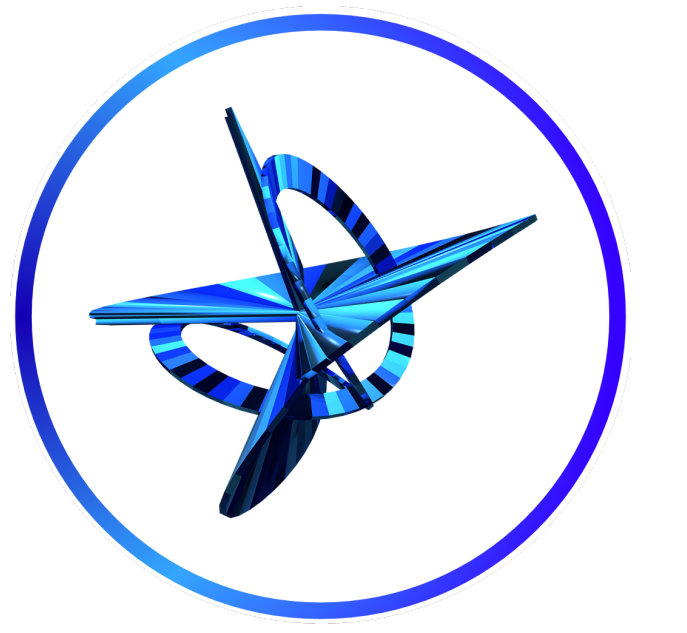


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# **Anthropic LabLab Hackaton**

**AITOversight**

**AI-Enhanced Email Compliance Monitoring System with Document Access**

**Constantine Vassilev, [constantine@aitrailblazer.com](mailto:constantine@aitrailblazer.com), <https://aitrailblazer.com>**

**2023-06-04**



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# **AITOversight**

## **AI-Enhanced Email Compliance Monitoring System**

**Transforming the way we manage email compliance.**

**Team Members: Constantine Vassilev, Founder AI Trailblazer.**  
**[constantine@aitrailblazer.com](mailto:constantine@aitrailblazer.com).**



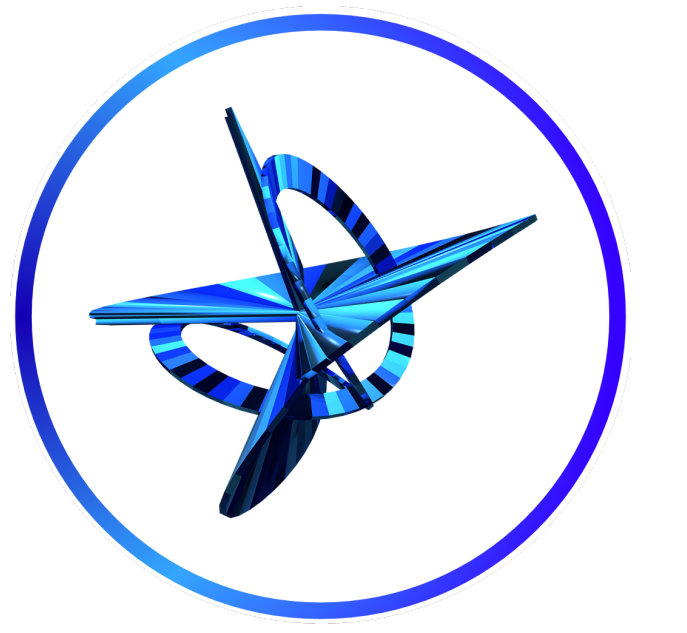


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## **The Challenge**

**Managing email compliance is a complex and time-consuming process.**

**Organizations need a tool that simplifies this process, ensuring all emails comply with relevant policies.**

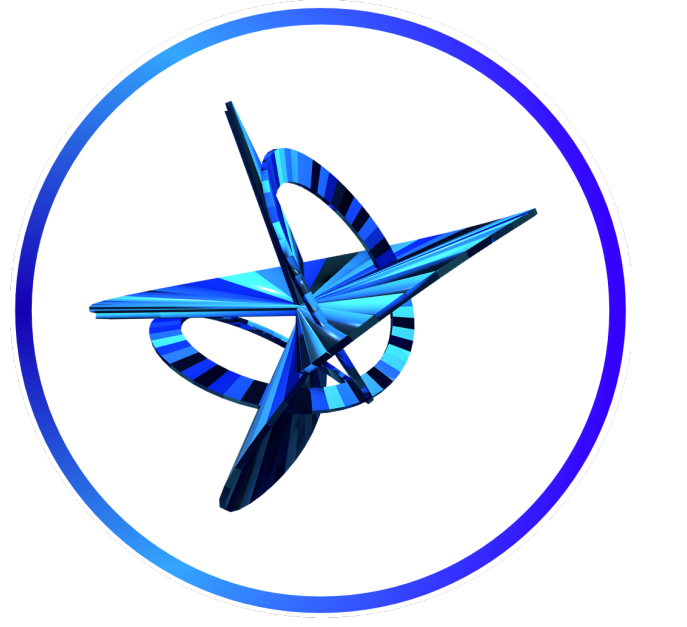


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# **Our Solution AITOversight**

**The AI-Enhanced Email Compliance Monitoring System uses advanced AI to analyze emails, extract key details, and create comprehensive responses.**

**It also reviews the associated Privacy Policy, ensuring full compliance.**



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# Our Solution

## AITOversight

### **Input: Email**

Output: Memory or Note, Privacy Policy Link, Extracted Privacy Policy Content, Email Response, Contacts & Organization Details (Name, Organization Name, Phone Number, Job Title, Address, Email Address, Website Details)

### **Step by step pipeline:**

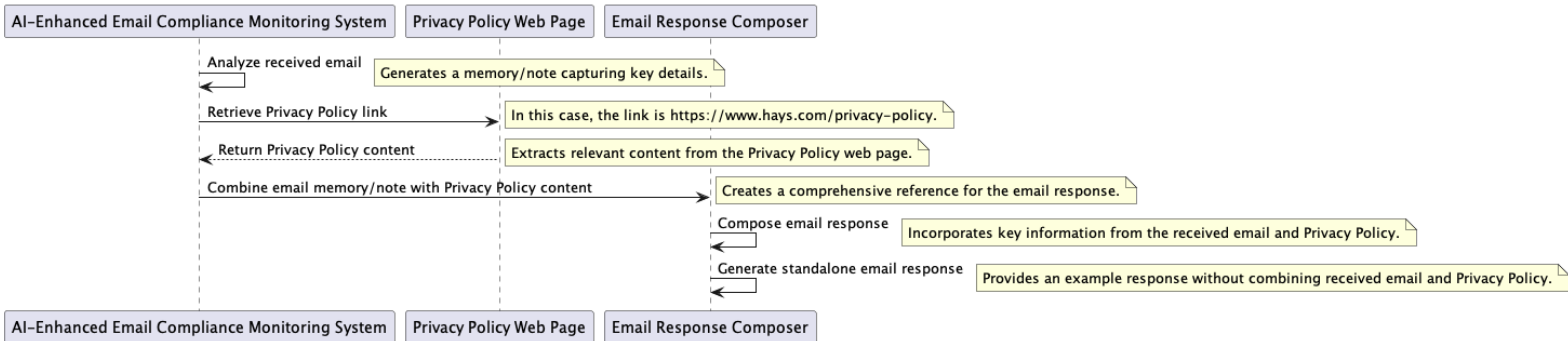
1. Analyze the received email using the AI-Enhanced Email Compliance Monitoring System. This system generates a memory or note capturing the key details and information from the email.
2. Retrieve the Privacy Policy link mentioned in the email. In this case, the link is <https://www.hays.com/privacy-policy>. Visit this web page.
3. Extract relevant content from the Privacy Policy web page that applies to the context of the received email.
4. Combine the generated memory or note from the received email with the extracted Privacy Policy content to create a comprehensive email response.
5. Start composing the email response, incorporating key information from the received email and Privacy Policy.
6. Generate an email response without combining the received email and Privacy Policy. Provide an example response for reference.

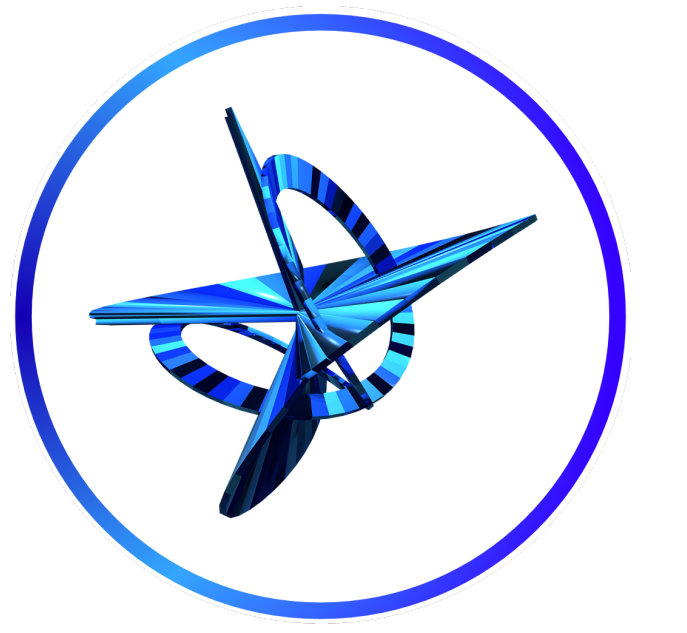




# Our Solution AITOversight

AITOversight: AI-Enhanced Email Compliance Monitoring System Pipeline





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# Our Solution AITOversight

The screenshot displays the AITOversight web interface. At the top left, there is a logo and the filename 'openapi.yaml'. A search bar with the text 'Filter' and a 'SEARCH' button is visible. The main content area is titled 'Execute a pipeline' and shows a 'POST /ait' endpoint. Below this, the 'REQUEST' section is active, displaying a 'REQUEST BODY' of type 'application/json'. An 'EXAMPLE' tab is selected, showing a JSON object: 

```
{  "input": "string"}
```

. At the bottom, the 'API Server' is set to 'http://localhost:8080' and 'Authentication' is 'Not Required'. There are buttons for 'FILL EXAMPLE', 'CLEAR', and 'TRY'. A 'Copy' button is also present next to the curl command: 

```
curl -X POST "http://localhost:8080/ait" \  -H "accept: application/json" \  -H "content-type: application/json" \  -d '{"input":"string"}'
```



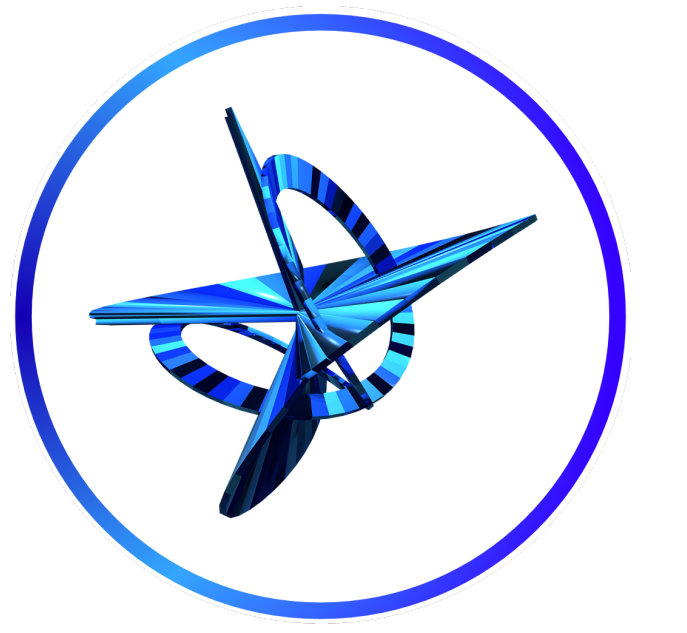


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# **User Interaction and Case Study**

**Let's take a look at how our system works in a typical user scenario.**

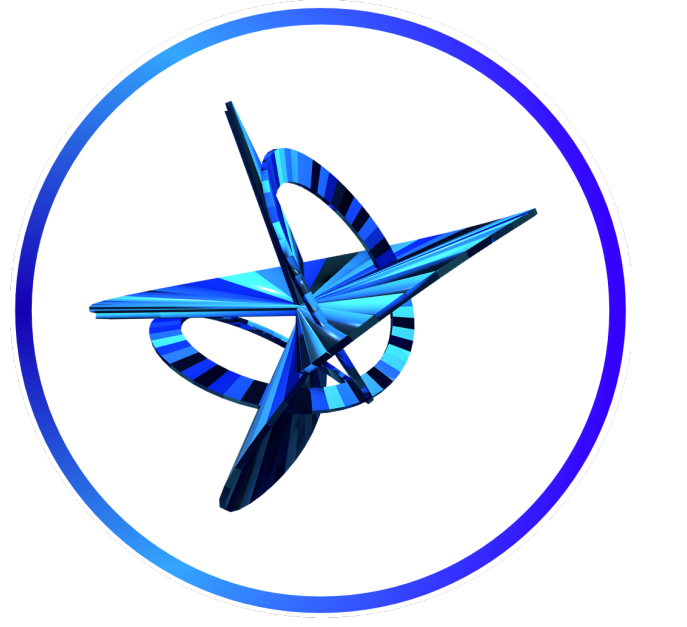
**A recorded demo showing the system analyzing an email.**



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## **Future Prospects**

**Our system has broad applications across industries, particularly in sectors where email compliance is crucial. With further development and investment, it can become a leading tool in email compliance management.**



- **Confidential Information Monitoring:** Scans outgoing emails for confidential or sensitive information to prevent unauthorized sharing and maintain the integrity of the company's data.

- **Inappropriate Language Detection:** Checks for profanity, offensive words, or unprofessional language to promote a positive and respectful communication environment within the company. **AI Trailblazer**

- **Data Privacy Compliance:** Ensures adherence to data privacy laws like GDPR and CCPA in all email communications, safeguarding personal data and avoiding potential legal penalties.

- **Anti-Harassment Compliance:** Monitors email content for signs of harassment or bullying, helping to maintain a safe and inclusive workplace.

- **Legal Disclaimer Enforcement:** Automatically verifies if necessary legal disclaimers are included in outgoing emails as per company policy or law.

- **Unapproved File Sharing Monitoring:** Detects and alerts the sender or IT department of any unapproved or potentially harmful files being shared via email.

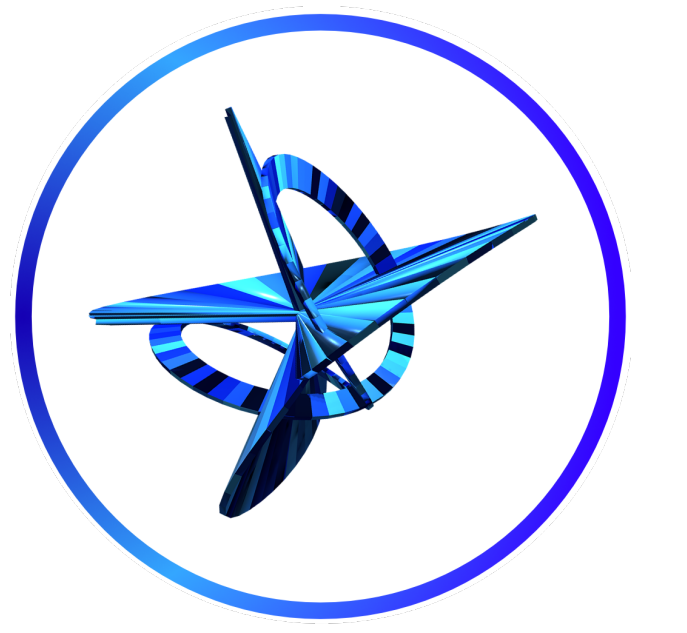
- **Phishing Detection:** Scans incoming emails to identify potential phishing attempts, helping to maintain the company's IT security.

- **Advertising Compliance:** For companies engaged in email marketing, the system checks that all emails comply with advertising regulations like the CAN-SPAM Act.

- **Record Keeping Compliance:** Ensures all necessary emails are properly archived according to record keeping laws and regulations.



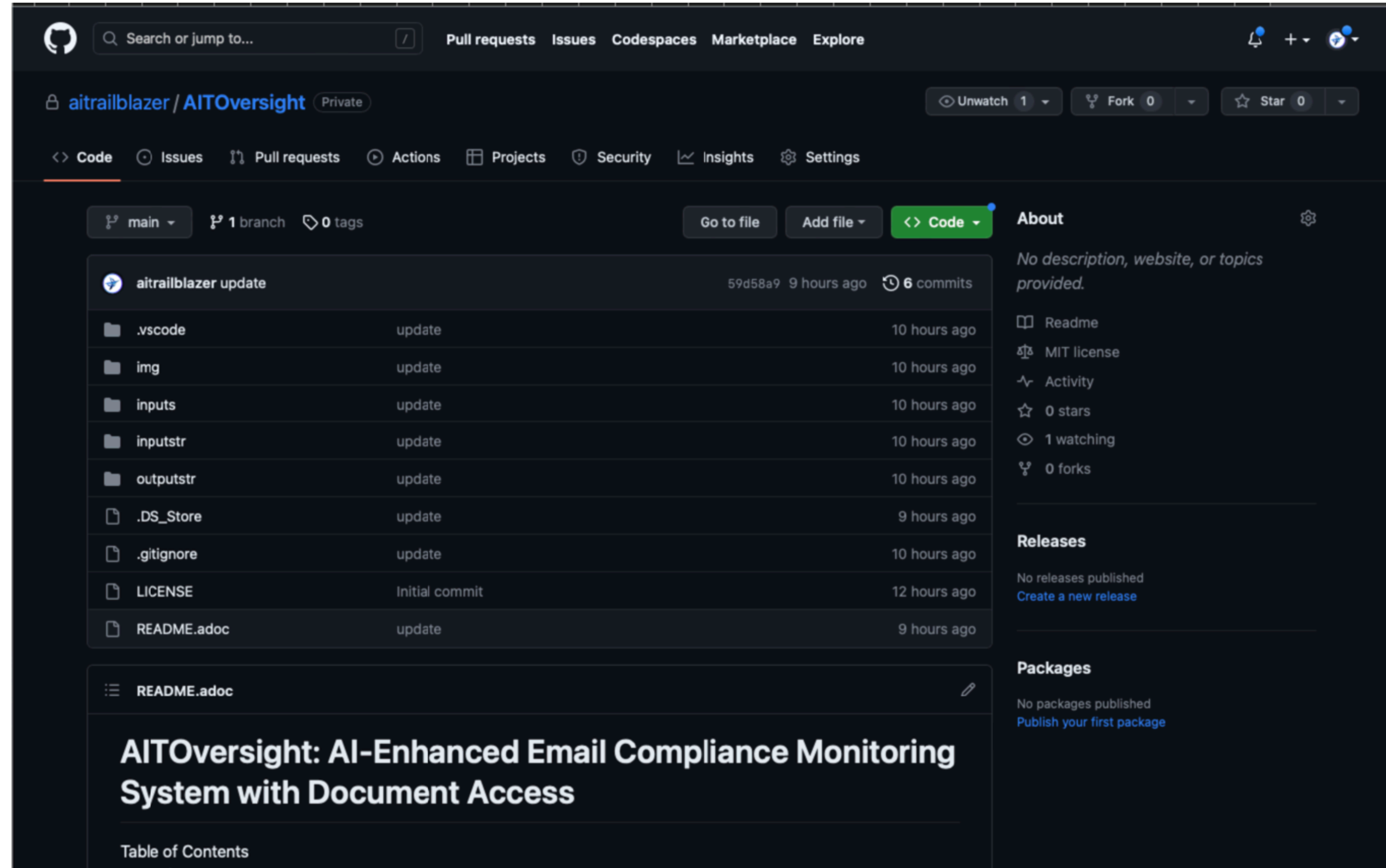
# Links:



**AI Trailblazer**

<https://github.com/aitrailblazer/AITOversight>

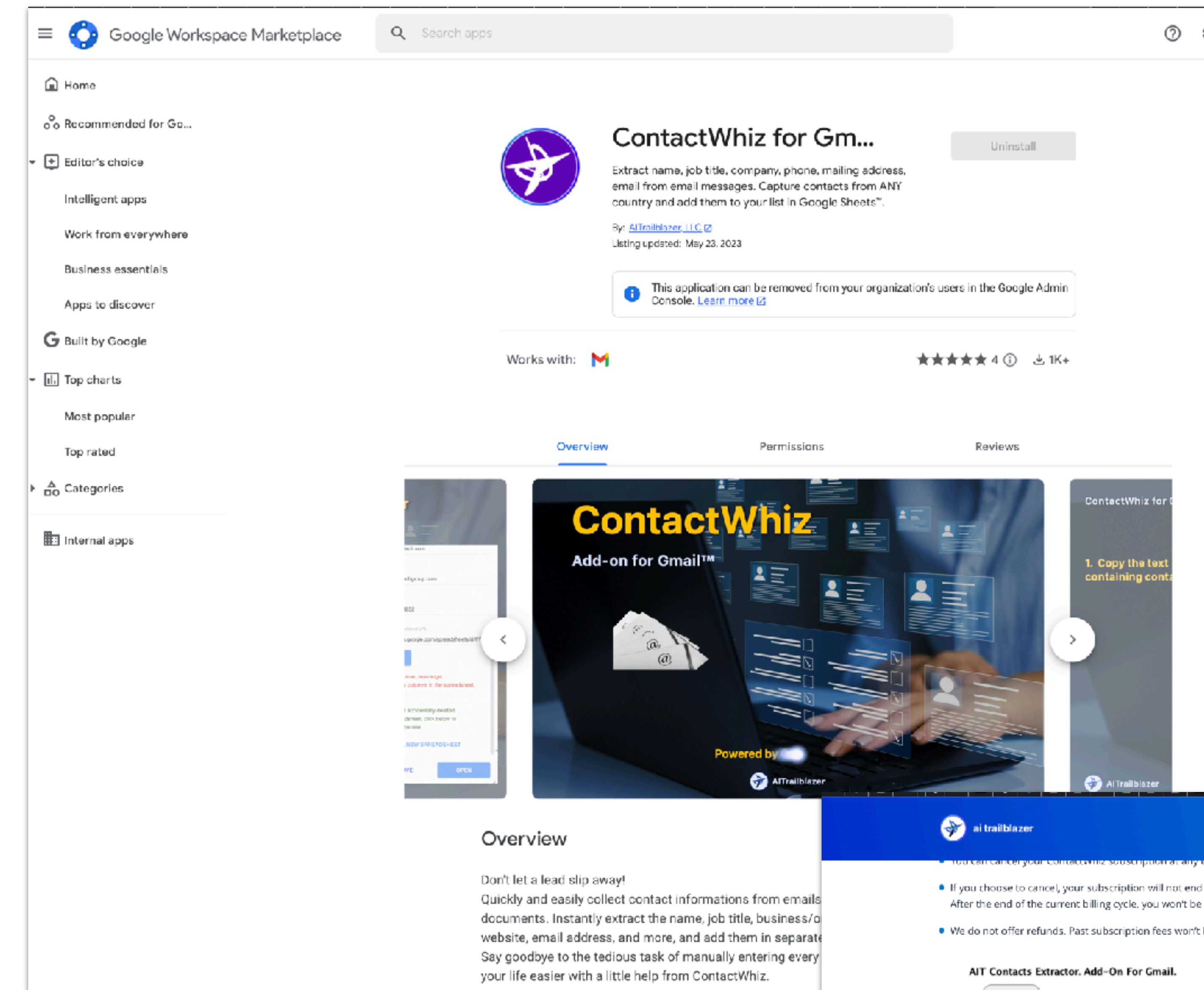
Github private repository - please ask for access!



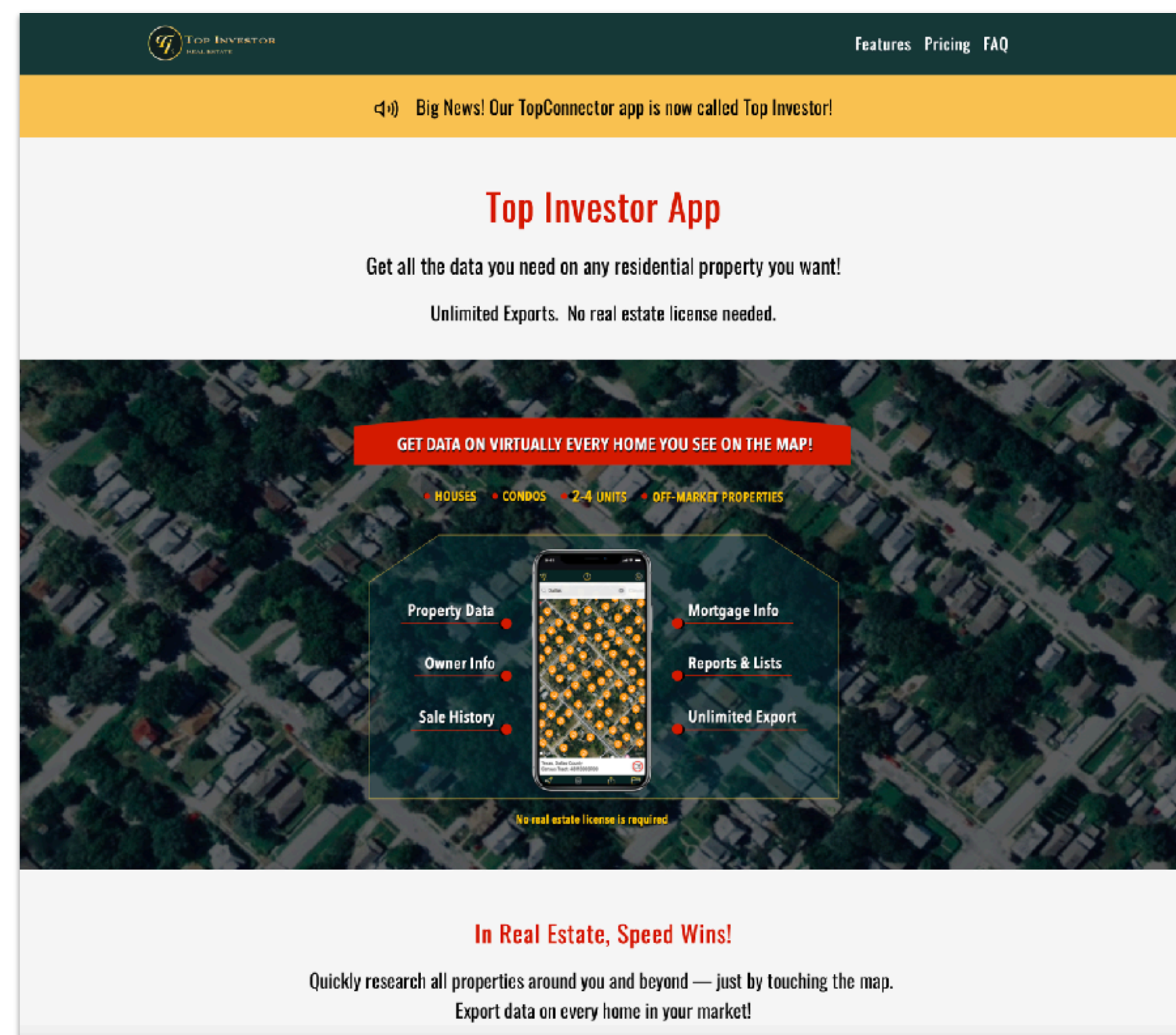
ContactWhiz for Gmail (tm)

[https://workspace.google.com/marketplace/app/contactwhiz\\_for\\_gmail/821716939565](https://workspace.google.com/marketplace/app/contactwhiz_for_gmail/821716939565)

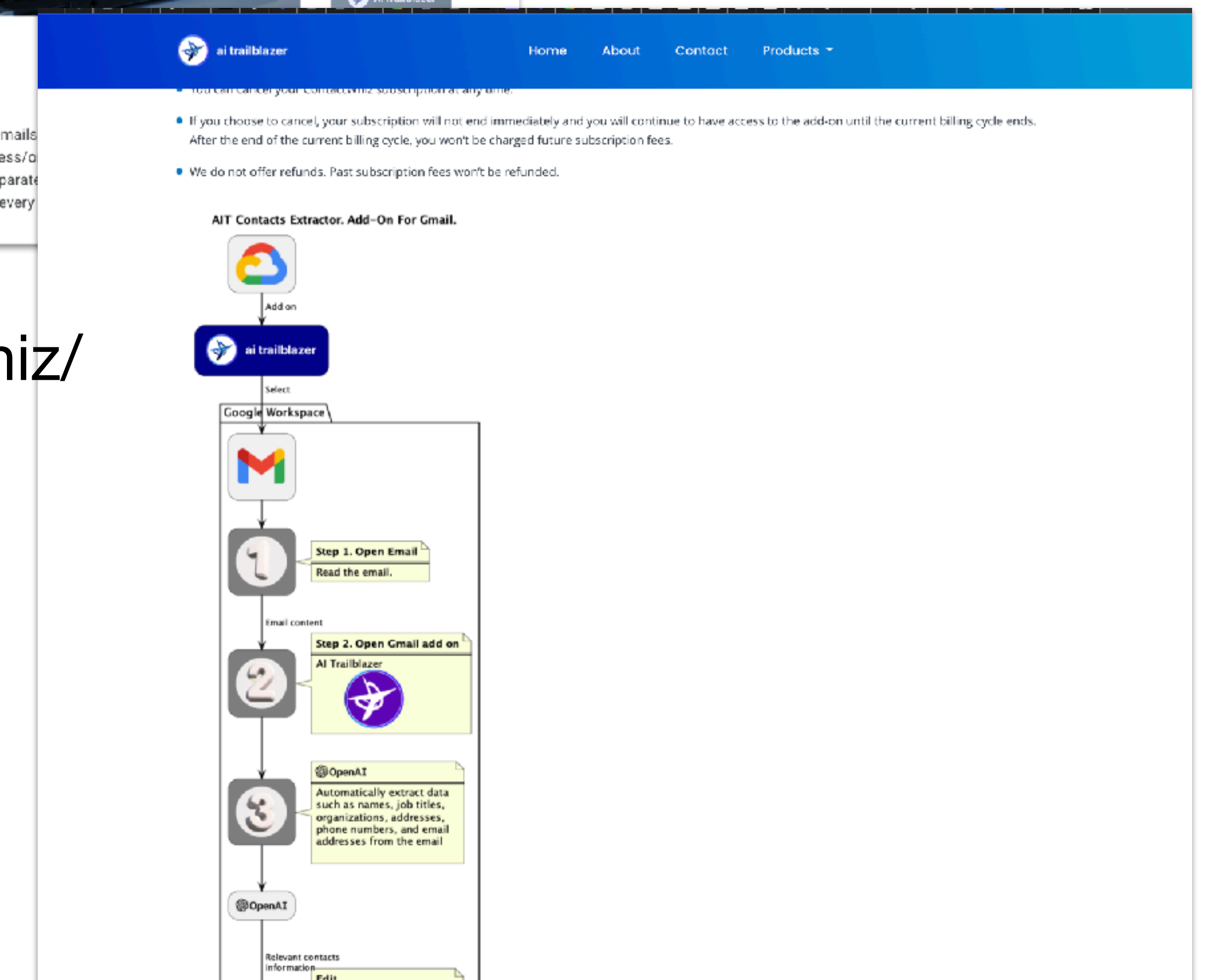
Please be advised that ContactWhiz for Gmail™ is scheduled for an update to incorporate AITOversight functionality, pending commercial approval. Due to the constraints of Google Workspaces, we are unable to provide a direct access link; access must be through our domain.



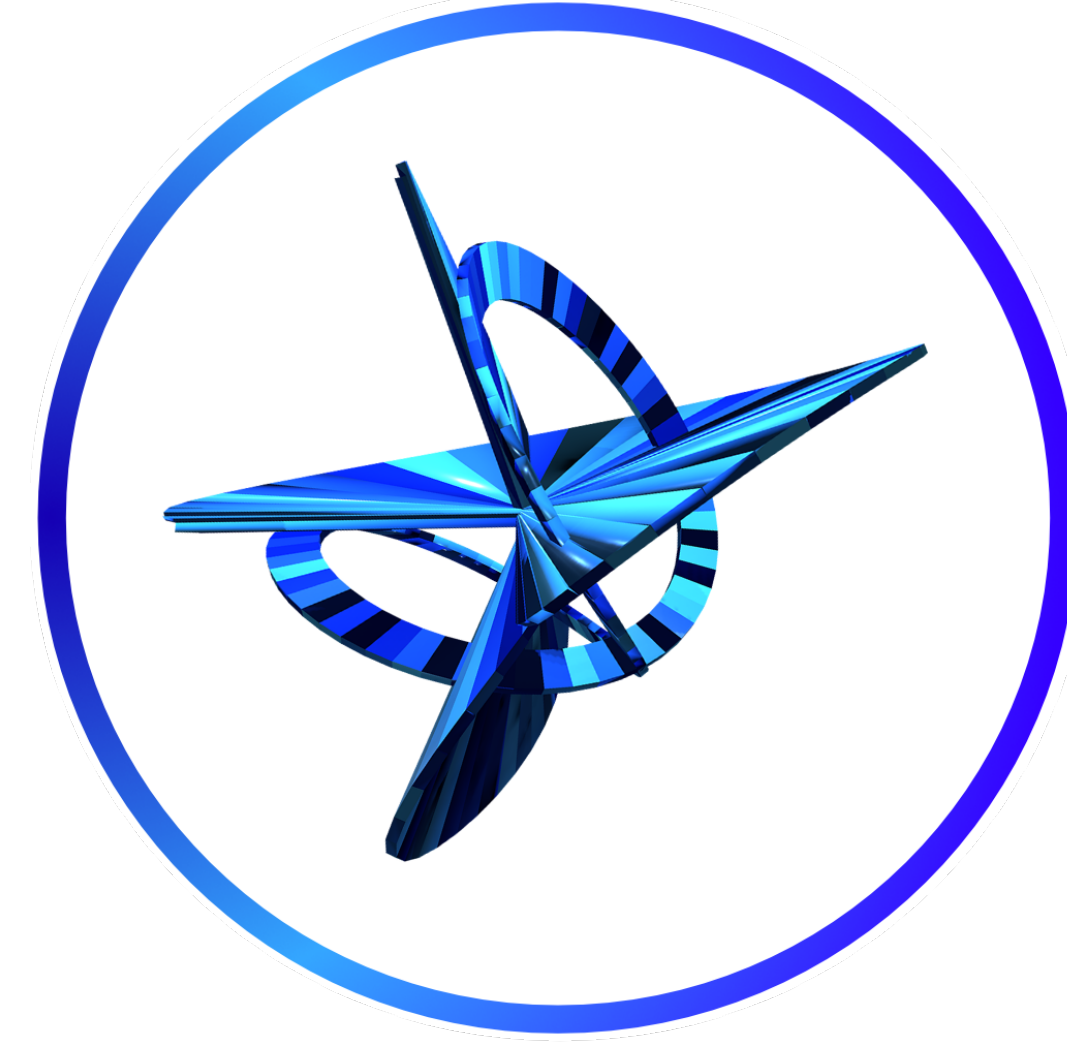
<https://topinvestor.app/> One of the first apps to incorporate AI for address parsing!



<https://aitrailblazer.com/contactwhiz/>







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**Thank you!**