



DATASHEET • DATA APIS • FAKE EMAIL DETECTION

Throwaway addresses in your customer list?

Now they stand out at sign-up.

Fake Email Detection checks an address in six layers: disposable domains, MX records, SPF and DMARC, the domain's web presence, suspicious patterns and learned domains. It returns risk, a recommendation and the individual findings. For sign-up, newsletter and CRM: via REST API and MCP.

AT A GLANCE

One call returns recommendation ACCEPT, REVIEW or REJECT with risk_score and every individual check. /fakeemail/check_bulk checks up to 100 addresses in one request.

01 · WHAT IT IS ABOUT

Lots of sign-ups, few customers? The address tells you first.

Throwaway addresses expire after a short time. People who sign up with them grab the voucher or download and are gone again, your list grows and your delivery rate drops. Fake Email Detection checks the address before the account exists.

INPUT

One email address, or up to 100 addresses in one batch request

RESULT

is_fake, is_disposable, is_deliverable, is_freemail, risk_score, risk_level, recommendation

CHECK LAYERS

Domain lists, MX, SPF and DMARC, A record, patterns, learned domains

ACCESS

REST API with an API key, MCP tools po_email_detector_check_email and po_validate_email


Disposable domains

The domain is matched against lists of temporary mail services, subdomains included. is_disposable and detection_method show the hit.

Mail server checked

The API reads the domain's MX records. is_deliverable means the domain has a mail server and can receive mail according to DNS.

SPF, DMARC and web presence

Missing email authentication and domains without a website raise the risk score. The individual values are in the checks block.

Patterns and learning

Suspicious domain and name patterns feed into the score. Domains detected as fake are remembered for later checks.

Clear recommendation

recommendation ACCEPT, REVIEW or REJECT and risk_level from MINIMAL to CRITICAL. One field is enough for the decision in your application.

Batch check

/fakeemail/check_bulk checks up to 100 addresses in one request. summary counts total, fake and legitimate.

02 · HOW IT WORKS

Send the address, read the verdict. Decide right in the form.

The check runs within the same call, and the response comes straight back. The address being checked receives no message.

1

Create an API key

Under `API & Developer > API Keys`, use `Create New Key` to create an `API Key`. You can copy the key there at any time.

2

Check the address

`POST /fakeemail/check` with email in the JSON body, from your backend when the form is submitted.

3

Read the result

result holds recommendation, risk_score, is_disposable and is_deliverable, and the individual checks under checks.

4

Clean up your data

`POST /fakeemail/check_bulk` with emails checks up to 100 addresses. summary counts total, fake and legitimate.

TECHNICAL DATA

FEATURE	DETAILS
Endpoints	<code>POST /fakeemail/check</code> , <code>POST /fakeemail/check_bulk</code> ; with phone and website: <code>POST /validate/all</code>
Base URL	<code>https://api.paperooffice.ai/latest/</code>
Parameters	email; for batches, emails as a list with up to 100 addresses
Response fields	is_fake, is_valid, is_disposable, is_deliverable, is_freemail, risk_score, risk_level, recommendation, checks
International domains	<code>/validate/email</code> converts internationalized domains (IDN) and returns ascii_email
Access	API key as a Bearer token; MCP <code>po_email_detector_check_email</code> , <code>..._bulk_check_emails</code> , <code>po_validate_email</code>
Billing	Pay as you go

03 · IN PRACTICE

Where the check helps. Three typical flows.

Sign-up

On REJECT, your form asks for a different address. On REVIEW, your system creates the account and flags it for review, and ACCEPT goes through as usual.

Newsletter sign-up

Your sign-up form turns away addresses with a disposable domain or without a mail server. The list stays clean and the delivery rate steady.

Clean up your CRM

Export your contacts and send them to /fakeemail/check_bulk in packages of 100. Afterwards you see which contacts are marked REJECT or REVIEW.

FREQUENTLY ASKED QUESTIONS

Is an email sent to the address?

No. The check works with domain lists, DNS records and patterns. The person behind the address notices nothing.

How do I decide automatically?

Use recommendation: accept ACCEPT, flag REVIEW, reject REJECT. For your own thresholds, risk_score from 0 to 100 is available.

What does is_deliverable mean?

The domain has a valid MX record and can accept mail according to DNS. Together with is_disposable and risk_score, you get the full picture.

Can I also check phone numbers and websites?

Yes. POST /validate/all checks email, phone number and website in one call: the number against the international E.164 format, the website for DNS, HTTP and SSL.

GET STARTED

Catch throwaway addresses from the next sign-up on

Create an account, generate an API key under [API & Developer › API Keys](#) and check your first address with POST /fakeemail/check.

paperoffice.ai/en/ai-fake-email-detector-disposable-email-validation



MORE ABOUT THE MODULE

paperoffice.ai/en/ai-fake-email-detector-disposable-email-validation

PRICING

paperoffice.ai/en/pricing

CONTACT

paperoffice.ai/en/contact