

The intelligent desktop for email, work and trusted AI.

Your inbox tells you what arrived. OneDesk tells you what matters. A native desktop workspace that combines mail, calendar, contacts, tasks and cases with governed AI, keeps everything in an encrypted local store, and never lets AI grant itself authority.

engineering preview 0.0.81 · Tauri 2 and Rust · targets Windows, macOS and supported Linux · not a finished client release · sold with a pilot only

01 — FOUR WAYS TO WORK, ONE TRUSTED CONTEXT

Surface 01

Mail

A fast desktop experience for reading, composing, organising and searching every account.

BEST FOR focused daily work

Surface 02

Chat

Ask across mail, attachments, calendar, cases and connected knowledge, with citations.

BEST FOR understanding, comparing and preparing safe actions

Surface 03

Cases

Turn messages into owned work with status, priority, SLA, evidence and resolution history.

BEST FOR shared inboxes and service teams

Surface 04

Radar

See demand, flow, risk, capacity, approvals and cost before service fails.

BEST FOR leaders

Mail and Chat are in the preview today. Cases and Radar are shown with synthetic previews and reach multi-user operation in a later phase.

02 — GOVERNED BY DESIGN

AI never grants itself authority.

- **A device-wide AI kill switch** in the persistent footer stops all native AI execution.
- **A security kernel that answers no by default.** Discovery shows what is possible; identity, policy and approval decide what is allowed.
- **Drafts are prepared, never sent automatically.** Sending is a two-step confirmation: review, then confirm.
- **Bring your own model provider.** Credentials live in the OS keychain; local intelligence stays network-free. Route through OneAI for one policy across the stack.
- **No backend service.** All state lives in an encrypted local database under a single OS-keyring master key.

TRUST CHAIN · DESIGN INTENT FOR EVERY AI ACTION

- 01 **Untrusted input** · mail, HTML, links, attachments, retrieved passages, model output
- 02 **Grounded proposal** · the model may recommend, with citations
- 03 **Policy decision** · deterministic, default deny
- 04 **Human approval** · where consequences are
- 05 **Idempotent execution** · no duplicate side effects
- 06 **Immutable evidence** · every outcome has provenance

The design contract: prompt injection cannot broaden access, reveal secrets, select unauthorised tools or self-approve an action. Connected-content inference stays disabled until the required security analyses are provisioned.

03 — WHO IT IS FOR

Knowledge workers

One workspace for every account, with drafts that wait for you.

Shared-inbox and service teams

Messages become owned work with evidence and history.

Operations leaders

Demand, flow, risk and capacity before service fails.

IT, security and compliance

Local state, no backend, a kill switch, provider choice.

04 — PREVIEW SCOPE, STATED HONESTLY

What works in the preview today

- Microsoft 365, Google Workspace or Gmail, and IMAP/SMTP onboarding with system-browser sign-in; CalDAV and CardDAV auto-discovered.
- Bounded inbox reading and search across the connected account.
- Plain-text send with two-step confirmation: review and send, then confirm.
- Account-bound calendar, contacts and tasks; two-minute foreground and fifteen-minute in-process background calendar and contact refresh.
- Chat Copilot that summarises and filters mail, lists events and tasks and prepares exact drafts. It never sends.
- Device-wide AI kill switch; bring-your-own provider keys in the OS credential store.
- Remote content is not auto-loaded; unverified attachments are blocked.
- No administrator login and no default administrator credentials.

Not yet enabled

- Rich HTML composition, attachment sending and scheduled send.
- Background synchronisation while OneDesk is closed; offline message caching.
- Explicit switching between several accounts (under development).
- Connected-content model inference and autonomous replies: both fail closed until the required security analyses are provisioned.
- Multi-user Cases, Radar, queues and handover: synthetic previews in this phase.
- Signed, notarised multi-OS packages: qualification outstanding; only a Windows local candidate has evidence today.
- Tasks on generic IMAP accounts.

05 — ARCHITECTURE FACTS

Application	Native desktop built on Tauri 2 and Rust with a React and TypeScript renderer. No server or database prerequisite.
State and keys	All state in an encrypted local SQLCipher/SQLite database with no plaintext fallback. One master key in the OS keyring; other secrets in an encrypted vault. Plaintext secret storage is never a fallback: it fails closed.
Backend	None. Network access is limited to your mail, calendar and contact providers and the model provider you configure.
Model providers	Bring your own: OpenAI, Anthropic, Gemini, Mistral, Azure OpenAI, Vertex, Bedrock, OpenRouter, Ollama, vLLM and others. Credentials stay in the OS keychain; local intelligence stays network-free. Route through OneAI for one policy across the stack.

06 — CONTROLS · ENGINEERING PREVIEW 0.0.81

CONTROL	DETAIL
Architecture	Native desktop (Tauri 2, Rust); all state in an encrypted local database; a single OS-keyring master key; no backend service.
Network	Limited to the user's mail, calendar and contact providers and the model provider the user configures; local intelligence stays network-free.
AI authority	A device-wide AI kill switch in the persistent footer; a security kernel that answers no by default; drafts are prepared, never sent automatically; two-step confirmed send.
Fail-closed	Connected-content model inference and autonomous replies are disabled until the required security analyses are provisioned.

Sold with a pilot only: an Omega engineer beside your team for six to eight weeks, a baseline agreed first, a runbook at the end. No production release exists yet.

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