

Albert Capability Manual

A system-level reference for what exists, what is operational, where the command surface reaches, what remains unfinished, and how the overall architecture should be understood by an operator, buyer, or reviewer.

CAPABILITIES

15

Integrated across strategy, CRM, messaging, web, memory, operations

CORPUS SIZE

194

Books and metadata rows currently in the political strategy store

EMBEDDINGS

26,183

52% complete at 3.2 chunks/sec

BLOCKED TITLES

20

16 DRM/token issues, 4 corrupted sources

•Calibre conversion path repaired by removing a conflicting local Python package

override.

•The 6 formerly skipped mobi/azw3 books were converted and ingested successfully.

•SMS tooling exists, but proactive SMS monitoring is not yet wired in.

•Stripe payment flow is configured but not yet deployed end-to-end.

•Print-ready PDF generation is live, but explicit printer-device integration is not yet

documented.

Executive map

The system is most legible when divided into perception, judgment, and execution. It sees, reasons, and acts across multiple connected surfaces rather than existing as a single isolated model call.

Perception

•User requests

•Books and doctrine

•CRM records

- Memory and wiki notes

- Service state and dashboard signals

Judgment

- Problem structuring

- Retrieval and synthesis

- Preference-aware ranking

- Tradeoff analysis

- Security and workflow rules

Execution

- Reports and PDFs

- Emails and broadcasts

- CRM data structures

- Website deployment

- Backup, recovery, and monitoring flows

Capability inventory

Political Strategy Intelligence Assistant

Decision-support system for campaign and political strategy questions. It structures problems, pulls doctrine, adds live context, and produces exportable strategy outputs.

STRENGTH

Operational core: ingestion, chunking, retrieval, research bundling, reporting.

CURRENT LIMIT

Synthesis depth still trails the architecture. Audience projection remains scaffold-level.

Attio CRM

API-first operational CRM for political contacts, candidates, donations, advocacy supporters, fundraising appeals, and NAIN events.

STRENGTH

Schema is live, Australian political context is modelled, import templates ready.

CURRENT LIMIT

Lists/views/pipelines still need finishing. No real contact import yet.

Canary Marker + Email

Controlled outward communication with invisible leak attribution and programmatic email delivery.

STRENGTH

Leak-traceable broadcasts, encrypted maps, CRM-compatible outreach.

CURRENT LIMIT

Does not survive full retyping. Operational/legal use still requires judgment.

Websites + Intake Infrastructure

Autonomous site publishing, contact forms, and campaign landing-page infrastructure on Cloudflare.

STRENGTH

Pages, Workers, analytics, KV, deployment pipeline all in place.

CURRENT LIMIT

Domain purchase still requires manual CAPTCHA step.

Memory + Knowledge

Local semantic memory and knowledge continuity across sessions.

STRENGTH

LanceDB + wiki + long-term memory give persistence and recall with no API cost.

CURRENT LIMIT

Memory quality depends on capture discipline and embedding quality.

Observability + Recovery

Monitoring, backups, DR, and system state visibility.

STRENGTH

Grafana/Prometheus/Loki stack running, backup protocols written, watchdogs active.

CURRENT LIMIT

Some strategic dashboards still need to be added.

Payments + Donation Flow

Stripe capability exists and the CRM-side design is done.

STRENGTH

Live payment link and products configured, AEC disclosure model included.

CURRENT LIMIT

Webhook worker not yet deployed, so full loop is not live.

Mobile + SMS Control

Pixel tooling exists for SMS and mobile operations.

STRENGTH

Device connected, SMS actions available.

CURRENT LIMIT

No proactive SMS monitoring workflow yet.

Print & Physical Output

Print-ready documents and deck exports can be generated for physical-world delivery and circulation.

STRENGTH

LibreOffice and browser render paths produce print-ready PDFs and presentation artifacts.

CURRENT LIMIT

Actual printer-device control is not yet explicitly integrated/documented.