

ZeroOne DOTS.ai — Security Brief (1■Pager)

Posture: Responsible AI • Outcome■first • Data Safeguard First

Security posture (at a glance)

- Least privilege & separation of duties — access is scoped, reviewed, and time■bound.
- Encryption — AES at rest; TLS 1.2+ in transit (TLS 1.3 roadmap).
- Privacy & minimization — collect/process only what's needed; prefer tokenization/redaction.
- AppSec — build & test against OWASP■style controls; shift■left security in CI.
- Auditability — comprehensive audit trails, access logs, and break■glass procedures.
- Compliance alignment — SOC 2 Trust Services Criteria: Security, Availability, Processing Integrity, Confidentiality, Privacy.

Data handling

- PII strategy — default to minimization; pseudonymize where feasible; manage secrets via KMS/Secret Manager; rotate keys.
- Storage & transit — AES at rest; TLS 1.2+ in transit with a migration track to 1.3.
- Residency & isolation — per■customer isolation; BYO■VPC option when required.

Identity & access

- RBAC & short■lived credentials — enforce least privilege; automatic expiry; periodic reviews.
- SSO & MFA — strong authentication for admin and data■path roles.

Reliability & operations

- SLOs & error budgets — alert on multi■window burn■rate policies tied to user impact.
- Change safety — canary/blue■green deployments with automatic rollback on SLO breach.
- Incident response — runbooks, post■incident reviews, and captured learnings.

Development lifecycle

- Secure defaults — templates enforce security checks; CI pipelines block on security tests.
- Secrets management — no secrets in code; centralized KMS/Secret Manager; audit and rotation.

What this means for you

- Lower risk via least■privilege design and strong cryptography.
- Faster, safer change via SLO■aware alerting and canary releases.
- Easier audits with SOC 2■aligned controls and OWASP■style coverage.

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