

Security Overview

Enterprise security architecture, data protection, and compliance controls

1. Tenant Isolation

Aromis employs a dedicated-schema multi-tenant architecture. Each customer organisation receives an isolated database schema within Supabase PostgreSQL. Row-level security (RLS) policies are enforced at the database layer, preventing cross-tenant data access by design.

- Dedicated Supabase schema per tenant with no shared tables
- Row-level security (RLS) enforced on every query
- Tenant context validated in API middleware before database access
- No cross-tenant data leakage by architectural design

2. Encryption

All data is encrypted both in transit and at rest using industry-standard algorithms.

Layer	Method	Standard
Data in Transit	TLS 1.3	All API and web traffic
Data at Rest	AES-256	Supabase-managed encryption
Backups	AES-256	Point-in-time recovery enabled
Secrets	Environment Variables	Vercel encrypted storage

3. Identity & Access Control

Aromis supports enterprise identity management with role-based access control.

Capability	Status	Detail
SAML 2.0 / SSO	Roadmap	Enterprise IdP integration
SCIM Provisioning	Roadmap	Automated user lifecycle
RBAC	Roadmap	Admin, Regulatory, R&D, Read-only
API Key Scoping	Live	Tenant-scoped with role permissions
Session Management	Live	Configurable timeout policies

4. Audit & Logging

- Full audit trail on all compliance decisions (CP1 through CP10)
- Formulation version history with diff tracking
- Approval, rejection, and revision event logging
- API request logging with tenant and user attribution
- Immutable audit records with no retroactive modification

5. Infrastructure

Component	Provider	Region
Application Hosting	Vercel Edge Network	Global CDN
Database	Supabase PostgreSQL	US/EU (configurable)
AI Inference	Anthropic (Claude)	US
Email	Resend	US

6. Incident Response

- Documented incident response procedure with severity classification (P1 through P4)
- Customer notification within 24 hours for confirmed data incidents
- Post-incident review with remediation report
- Quarterly security review cadence

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