SureWFM
Security & architecture — one-pager

surewfm.com/product/security

Multi-tenant security we prove on every release.

Not a policy document — an automated test suite. Tenant isolation is verified in CI on every single change to the database layer.

The tenant-isolation contract

Every table is guarded by Postgres Row Level Security. The isolation suite asserts four things, on every change:

- **Own-org reads work** — your users see your data.
- **Cross-org reads are blind** — queries against another tenant return nothing.
- **Cross-org writes are rejected** — not filtered, rejected.
- **Super-admin access is an explicit, audited path** — never an accident.

```
ci · tenant-isolation suite
PASS    own_org_read_returns_rows
PASS    cross_org_read_returns_empty
PASS    cross_org_write_rejected
PASS    super_admin_path_explicit_and_audited
status  passing · required to merge
```

Role & scope access control

Granular permission scopes — e.g. forecast.lock, schedule.generate, realtime.view, request.approve — attached to roles. Planners, RTAs, team leads and agents each get exactly the access they need, down to individual operations.

Full audit trail

Every lock, regeneration, approval and manual override is audited: who, when, why. Sensitive actions leave a record by design.

Immutability of locked artifacts

Locked forecasts and schedules reject changes. The plan of record can't be quietly rewritten after the fact — an audit property, not just a workflow one.

Architecture

Backend: Supabase — Postgres, Auth and APIs. All access goes through RLS-guarded, permission-scoped RPCs; there is no side door around the policy layer.

Frontend: React 18 + TypeScript, responsive throughout, with the agent view mobile-tested.

Data residency: hosted in ap-southeast-1 (Singapore). If residency in this region matters to your compliance posture, it's already where your data lives.

We describe our posture as **security-first architecture**. We publish exactly what is tested and how — and we do not claim certifications we haven't obtained.