

# Enterprise Platform Overview

Prepared for executive and board review · [www.fastyoke.io/enterprise](http://www.fastyoke.io/enterprise)

## Platform thesis

FastYoke is an **application platform as a service (aPaaS)** purpose-built for operations-intensive organizations where process integrity, auditability, and data residency are procurement requirements—not afterthoughts.

Line-of-business capabilities—CRM, inventory, field service, patient throughput, and financial operations—are delivered as installable applications on a single platform core. Teams consolidate onto one governed environment rather than coordinating across multiple SaaS products with inconsistent data models, integration middleware, and audit trails.

State transitions are enforced through a **finite state machine** with sandboxed guard evaluation, recorded in an **append-only event log**, and exposed through **role-gated APIs**. This architecture aligns with the controls enterprise security and compliance teams expect to validate.

## Platform architecture

Applications consume a shared experience layer; every transition passes through the FSM core; governance applies uniformly; deployment substrate is operator-controlled.

### LAYER 1 · MARKETPLACE APPLICATIONS

CRM Suite · Inventory & WMS · Field service · Healthcare ops · Ledger & accounting

### LAYER 2 · EXPERIENCE LAYER

Schema-driven UI · Public forms & embeds · Workspaces & portals · App Builder output

### LAYER 3 · PLATFORM CORE

Finite state machine · Sandboxed guards (Wasm) · Append-only event log · Transition engine

### LAYER 4 · GOVERNANCE & ISOLATION

Per-tenant data stores · 72-permission RBAC · Role-gated APIs · Export & audit artifacts

### LAYER 5 · DEPLOYMENT SUBSTRATES

Managed Runtime · On-Prem / air-gap · Substrate mobile · FastYoke DB

## Sovereignty guarantees

GUARANTEE	SUMMARY
<b>Data sovereignty</b>	Each tenant operates on its own database file—isolation is mechanical, not a shared-row filter. Export tenant data and compiled rules on demand.
<b>Logic sovereignty</b>	Guards compile to WebAssembly with fuel and memory caps. Business rules run in-process without an opaque cloud scripting tier.
<b>UI sovereignty</b>	Advanced App Builder output is standard Next.js/Astro you can host anywhere. You own the frontend repository.

## Compliance posture (summary)

CONTROL	POSTURE
<b>Tenant isolation</b>	Dedicated SQLite file per tenant (or FastYoke DB at scale)
<b>SSO</b>	WorkOS AuthKit
<b>HIPAA</b>	BAA + add-on on Enterprise tier
<b>GDPR</b>	DPA, data-subject rights, EU region pinning
<b>Accessibility</b>	VPAT 2.5
<b>SOC 2 Type II</b>	Roadmap — bridge letter on request

Full posture: [Security executive summary](#) · [Trust hub](#)

### Next steps

- **Procurement & sales:** [Contact sales](#) · [sales@fastyoke.io](mailto:sales@fastyoke.io)
- **Security questionnaires:** [security@fastyoke.io](mailto:security@fastyoke.io)
- **Open architecture:** [www.fastyoke.io/developers](http://www.fastyoke.io/developers)