WEBSITE DEVELOPER HANDOVER NOTES & RUNBOOK

Standard Engineering Transition Document | ISO 32000-1 Validated Test Fixture | Zero Production Credentials

Project Name: Enterprise Cloud SaaS Platform **Document ID:** DEV-HANDOVER-2026-SYNTH **Date:** 2026-11-10

Lead Developer: Alex Morgan, Staff Engineer **Client Tech Lead:** Jordan Hayes, Engineering VP

Production URL: https://portal.enterprise-client.org **Staging URL:** https://staging.enterprise-client.org

1. DOMAIN, DNS & HOSTING INFRASTRUCTURE

DNS Provider / Registrar:	Cloudflare Enterprise Registrar (DNSSEC Enabled, Cloudflare Proxy Active)
Edge Hosting Platform:	Cloudflare Pages (Global CDN, 280+ Edge Points of Presence, Zero Cold Starts)
Origin & API Gateway:	AWS ECS Fargate Cluster (Node.js 22 LTS, Fastify Engine, us-east-1 Auto-scaling)
SSL/TLS Certificates:	Cloudflare Full (Strict) SSL with Origin CA Certificate (Auto-renewed 15-Year CA)

2. SOURCE REPOSITORY, ARCHITECTURE & BUILD TOOLCHAIN

Version Control & Remote:	GitHub Enterprise: git@github.com:organization/enterprise-web-portal.git
Branching Model & Policy:	Main (Production, 2 Reviews + CI Gate), Staging (Auto-deployed Preview Environment)
Framework & Toolchain:	Static HTML5, Modern ES2024 JS Modules, CSS Grid / Flexbox, pnpm v9 Package Manager
Node & Runtime Engine:	Node.js v22.11.0 LTS (Iron) with strict engine lock in package.json

3. ENVIRONMENT CREDENTIALS & SECRETS DELEGATION MATRIX

Secrets Storage Protocol:	HashiCorp Vault & Cloudflare Encrypted Secrets (Zero raw secrets in Git repositories)
Database Credentials:	PostgreSQL 16 Multi-AZ RDS (DATABASE_URL configured via runtime secret injector)
Payment & Billing Gateway:	Stripe API v2024 (Restricted Live Secret Key + Webhook Signature Secret)
Transactional Email API:	Resend / SMTP Gateway (REST API Key delegated with sending-only scope)

4. LOCAL DEVELOPMENT RUNBOOK & CI/CD PIPELINE

Local Initialization:	git clone git@github.com:... && cd repo && pnpm install --frozen-lockfile
Local Dev Server:	pnpm dev (Runs local Vite server at http://localhost:3000 with HMR)
Production Build & Gate:	pnpm run build && node scripts/build.js (Verifies TDK, Schemas & ISO byte standards)
Deployment Pipeline:	GitHub Actions (.github/workflows/deploy.yml) triggers on green main branch push

5. THIRD-PARTY APIS, WEBHOOK HANDLERS & INTEGRATIONS

WhatsApp Cloud API:	Meta for Developers WhatsApp API (Webhook endpoint: /api/webhooks/whatsapp)
Stripe Webhook Listener:	Endpoint: /api/webhooks/stripe (Listens for payment_intent.succeeded events)
Analytics & Telemetry:	Google Tag Manager (GTM container: GTM-TEST01), PostHog Self-Hosted Telemetry
Headless CMS Sync:	Automated webhook trigger on content publish for instant edge cache invalidation

6. MONITORING, ESCALATION RUNBOOK & ACCEPTANCE SIGN-OFF

Error Monitoring & APM:	Sentry APM (DSN embedded in client runtime) + Datadog Synthetic Uptime Monitors
Uptime SLA & Escalation:	99.95% Availability Target. Primary Alert: PagerDuty on-call roster (tier1-eng)
Warranty Transition Period:	30-Day Critical Defect Warranty active through 2026-12-10 with 4-hour SLA response
Acceptance Sign-Off:	All deliverables validated against project scope. Successor engineering team briefed.
Signatures & Verification:	Lead Architect: Alex Morgan [SIGNED] | Client Tech VP: Jordan Hayes [ACCEPTED]