

Software built for your business. Run by us.

Custom applications deployed in your private cluster, operated as part of the same engagement — not stitched together from SaaS vendors.

Every business has problems that no off-the-shelf product solves cleanly. The traditional answer is to bolt five vendors together with an integration layer and live with the Frankenstein. The PKG answer is to build the application you actually need.



A deliberately small stack.

Python (FastAPI + async daemons), Postgres (with views as the reporting surface), SolidJS (small, fast admin UIs), Authentik (OIDC + SSO), an AI integration layer. Less to maintain, fewer seams, easier to hand off.



Discovery before code.

Architecture documents and working agreements before we open an editor. Two-week iterations with working software at each end. Tests as we go — not "QA is your team's problem."



Yours when we're done.

Source code in your repository. Perpetual license. Every component ships with a README; every system with a runbook. The next engineer who touches it — yours or ours — is set up to succeed.

WHAT WE TYPICALLY BUILD

- **Data ingestion daemons** daily or near-real-time pulls from REST APIs, databases, file drops, webhooks — with retry, observability, and incremental sync.
- **Admin web UIs** operations consoles for the customer's team to monitor sync, manage users, run migrations, audit activity, export reports.
- **Reporting surfaces** dynamic SQL views surfaced as live tables with sort / filter / paginate / CSV export.
- **AI integration layers** retrieval against the canonical data, conversational analysis, agentic workflows — against models we deploy in your cluster.
- **Migration tooling** operators that run on a schedule, moving customer data organization-by-organization with rollback safety.
- **Customer-facing apps** when the platform produces value the customer wants to surface to their own users, franchisees, or customers.

HOW WE RUN THEM

BUILD

Fixed-price, two-week iterations against the Discovery architecture. Tests, runbooks, and documentation ship with the code.

OPERATE

Monthly run-rate covers the cluster, the application, the integrations. Enhancement work is included within an agreed envelope; large features get scoped separately.

HAND-OFF READY

The application is yours from day one — source in your repository under a perpetual license. You can take it elsewhere if you ever want to.