



BUILDERS STREAM PRO v3.0

OPEN SAAS / WASP EDITION

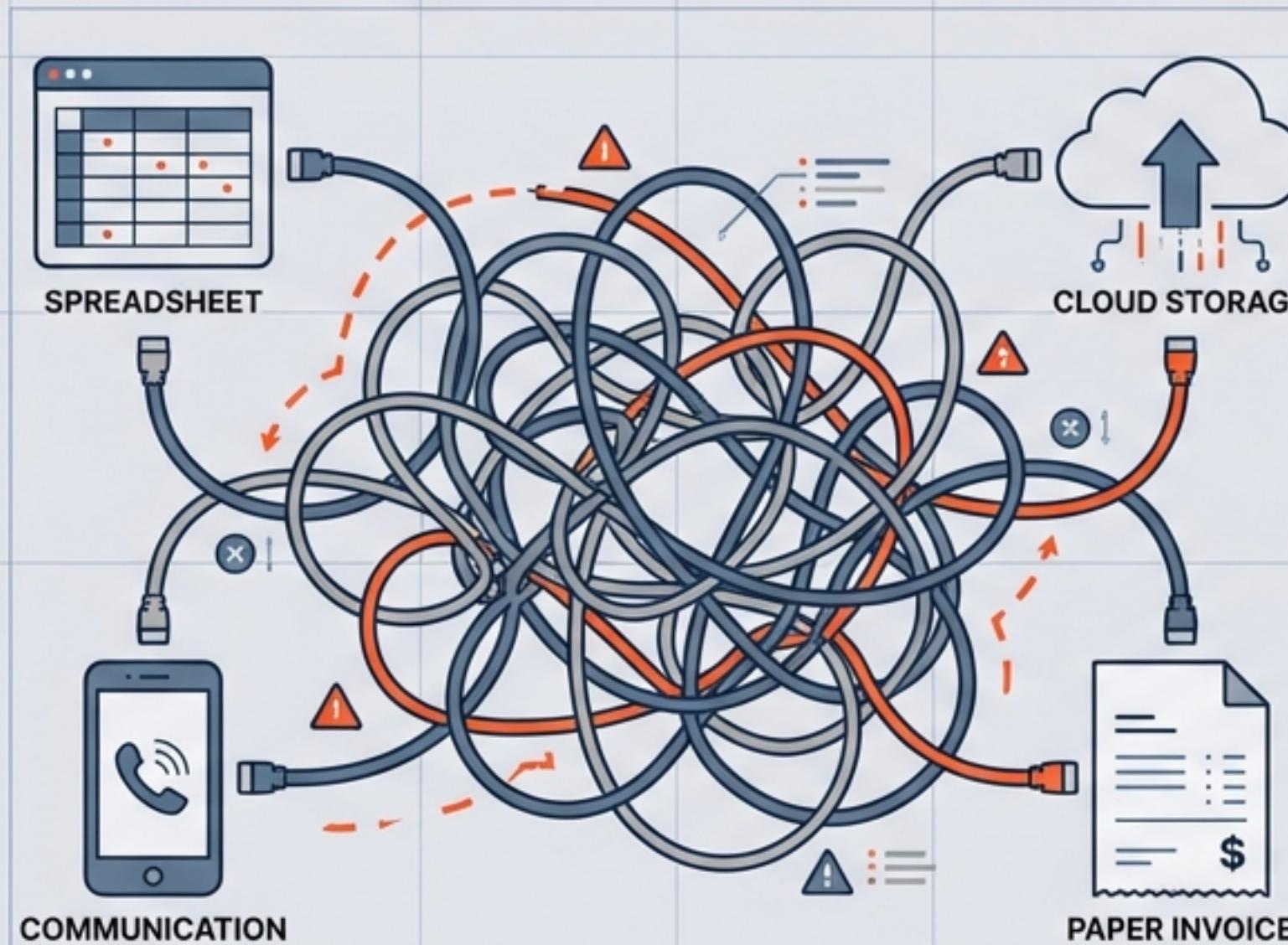
```
const App = () => {
  const { data: posts } = useQuery(getPosts);

  return (
    <div>
      {posts?.map(post => <Post key={post.id} {...post} />)}
    </div>
  );
};
```

```
model User {
  id Int @id @default(autoincrement())
  email String @unique
  username String?
  posts Post[]
}

model Post {
  id Int @id @default(autoincrement())
  title String
  content String?
  published Boolean @default(false)
  author User @relation(fields: [authorId], references: [id])
  authorId Int
```

THE PROBLEM: THE FRAGMENTATION TAX



15-25%

Loss in Project Overhead due to data silos and manual double-entry.

THE SOLUTION: UNIFIED OPEN SAAS



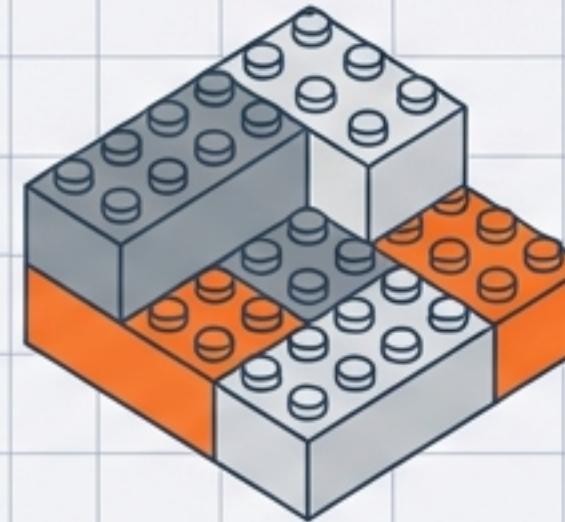
A modular, web-based platform unifying the entire workflow—from Lead Capture to Warranty. Scales from residential remodelers to enterprise firms.

ENGINEERED FOR REALITY: DESIGN PRINCIPLES



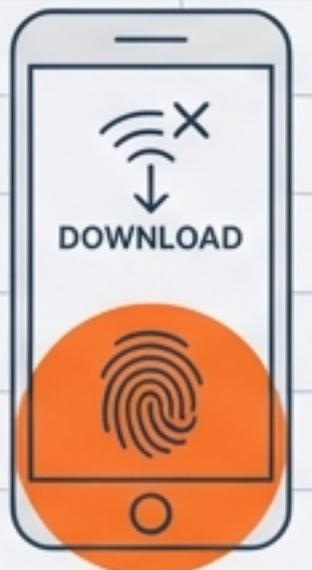
The Muddy Glove Test

User-First Design. Every feature is field-tested. If a superintendent cannot use it with gloves on, it is redesigned.



Modular Architecture

Contractors see only what they need. A residential remodeler never encounters enterprise clutter.



Mobile-Native

Designed for one-thumb operation and full offline capability. Not just a desktop site on a small screen.



Speed to Value

New contractors manage their first project within 60 minutes of signup via smart templates.

THE TECHNICAL ADVANTAGE: OPEN SAAS + WASP FRAMEWORK

EXPERIENCE:
React 18 / TailwindCSS

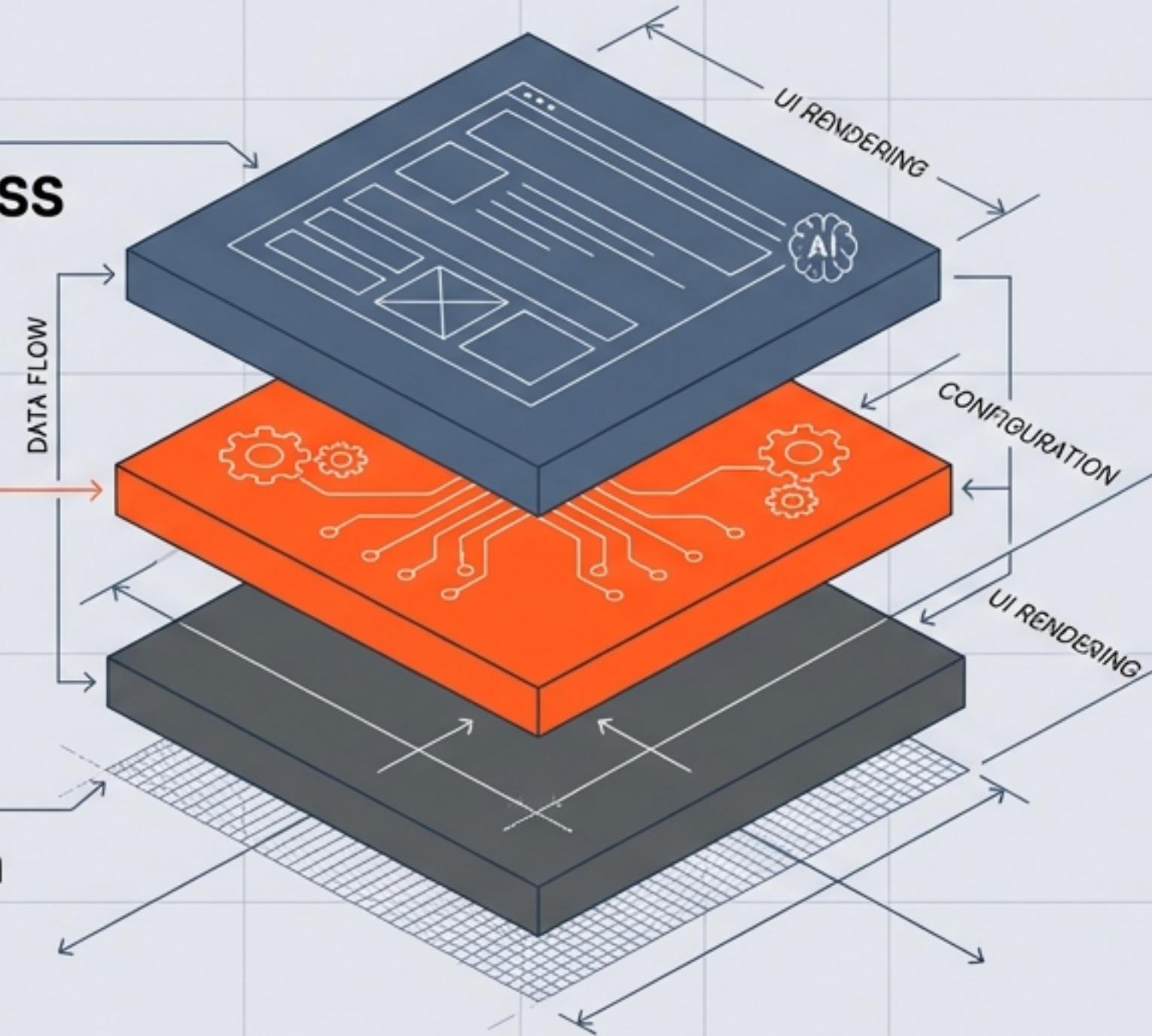
AI-Ready / Production Grade

THE CORE:
Wasp v0.16+

main.wasp Configuration /
Central Nervous System

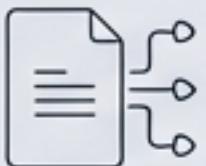
DATA LAYER:
PostgreSQL / Prisma

Full-Stack Type Safety



Key Differentiators

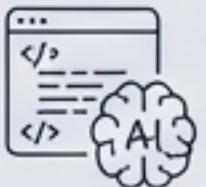
- **Single Source of Truth:** main.wasp defines auth, routes, and jobs.



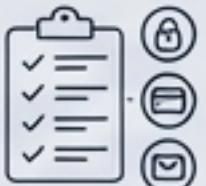
- **No Vendor Lock-in:** 100% Open Source. Deploy to Fly.io, Railway, or Docker.



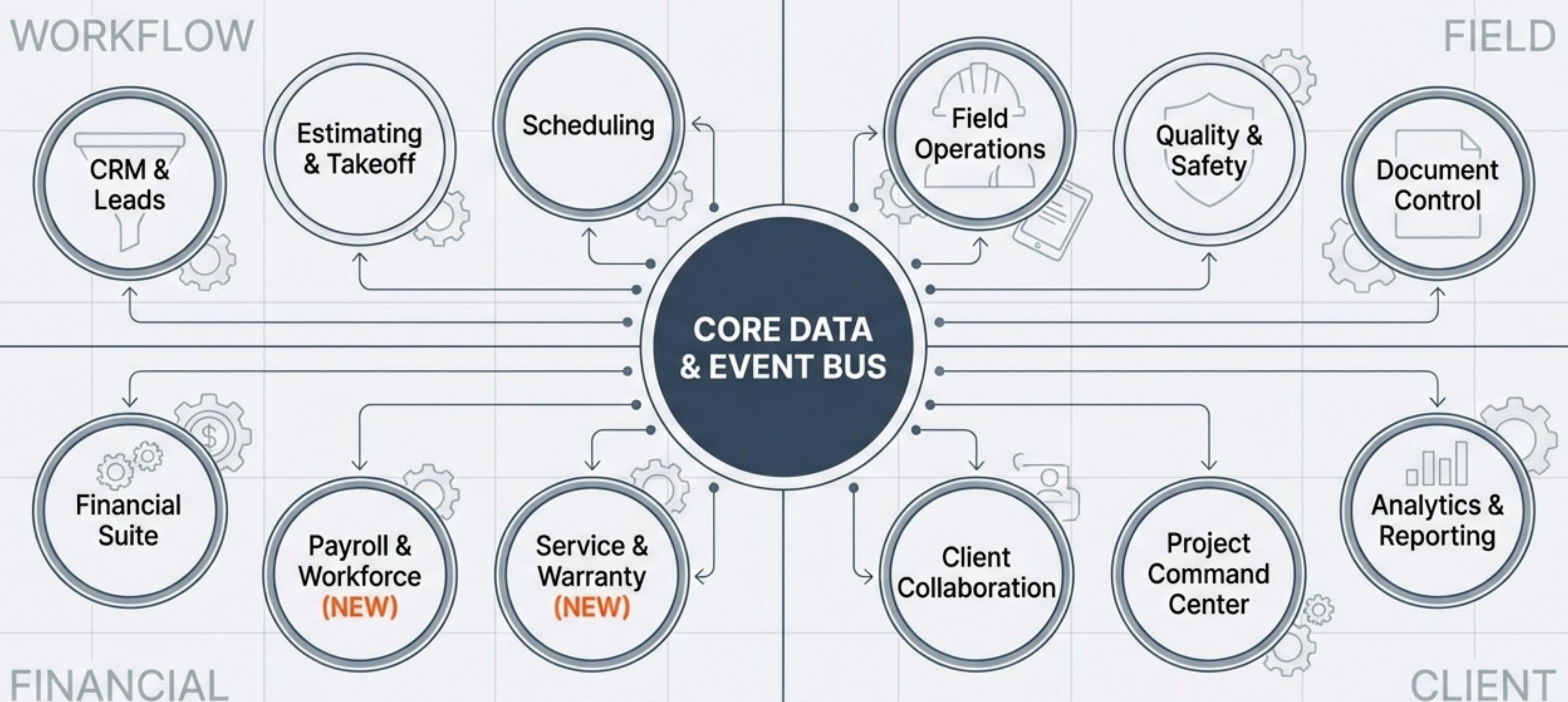
- **AI-Ready:** Structured codebase optimized for assisted 'vibe coding'.



- **Production Ready:** Auth, Stripe, and Email pre-configured.



THE MODULAR ECOSYSTEM: 12 INTEGRATED ENGINES

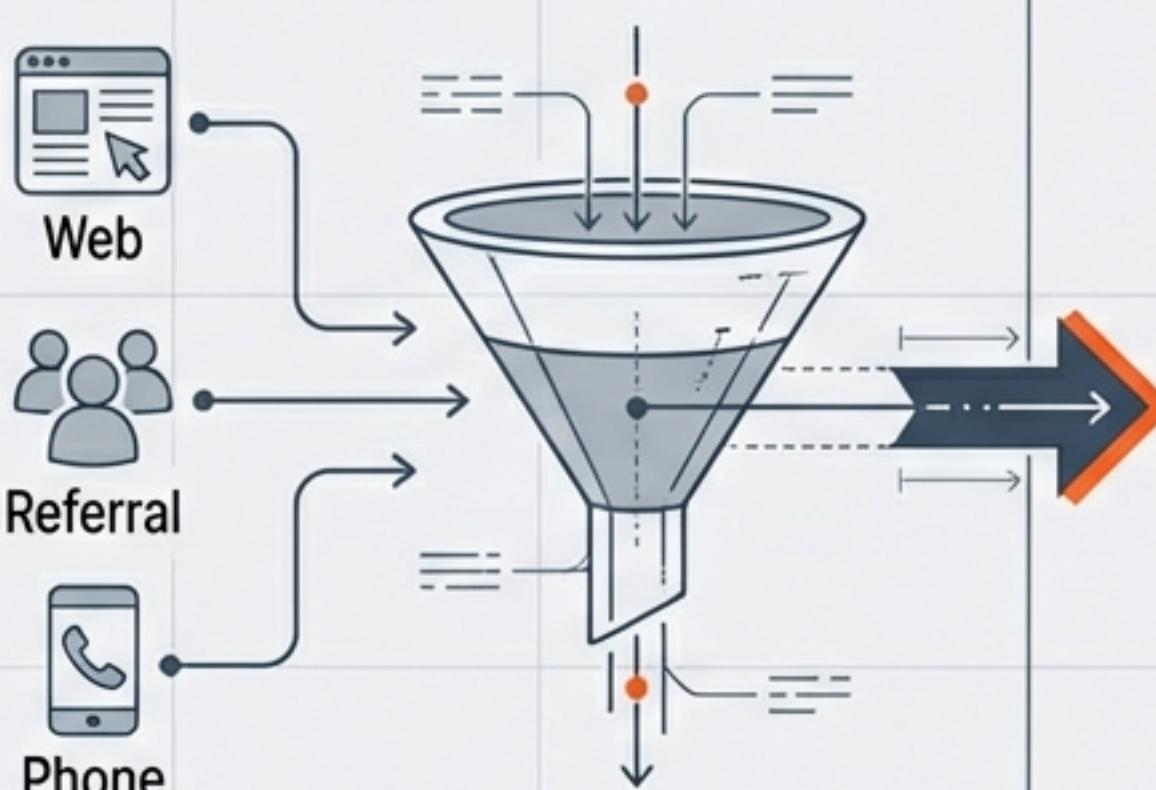


Modules can be activated individually based on contractor size.

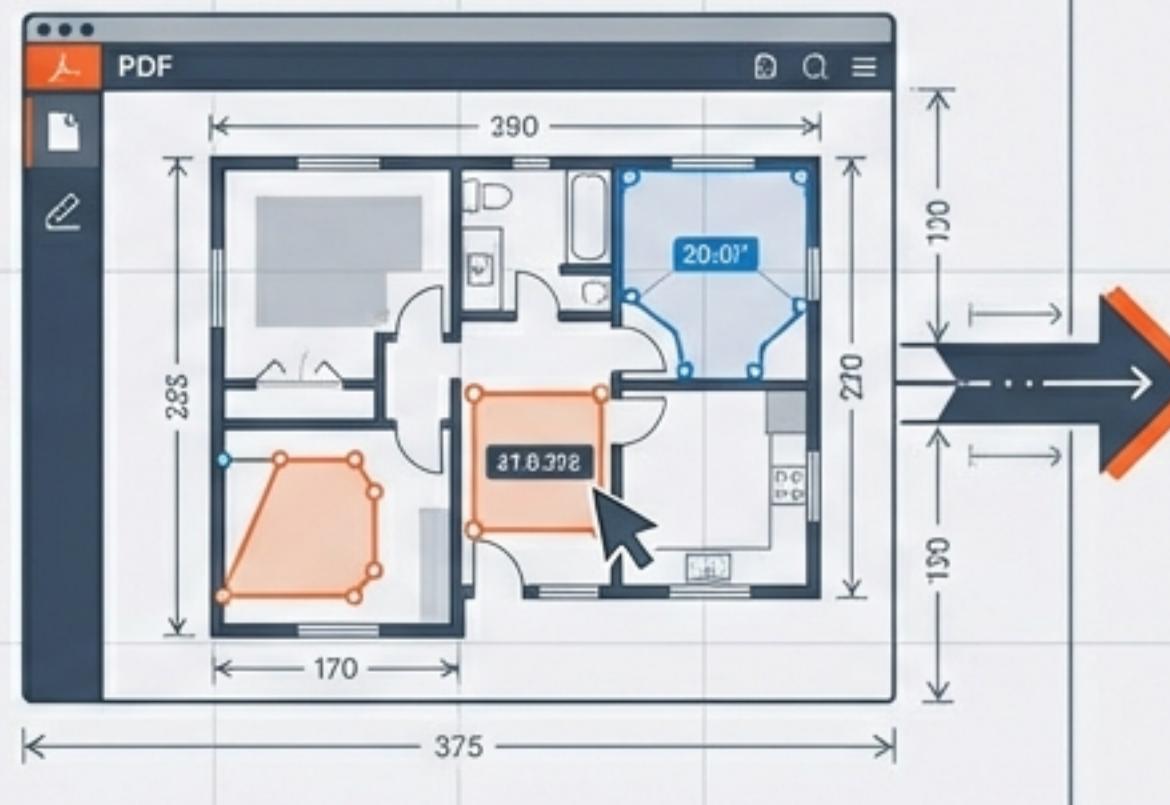
PRE-CONSTRUCTION: FROM LEAD TO CONTRACT

Modules 2 & 3: CRM + Estimating

PIPELINE MANAGEMENT



DIGITAL TAKEOFF ENGINE



- Measure from PDF/Satellite
- Assembly-Based Estimating (e.g., "Install Cabinet" macro)
- Confidence Intervals (Low/High)

PROPOSAL & SIGNATURE

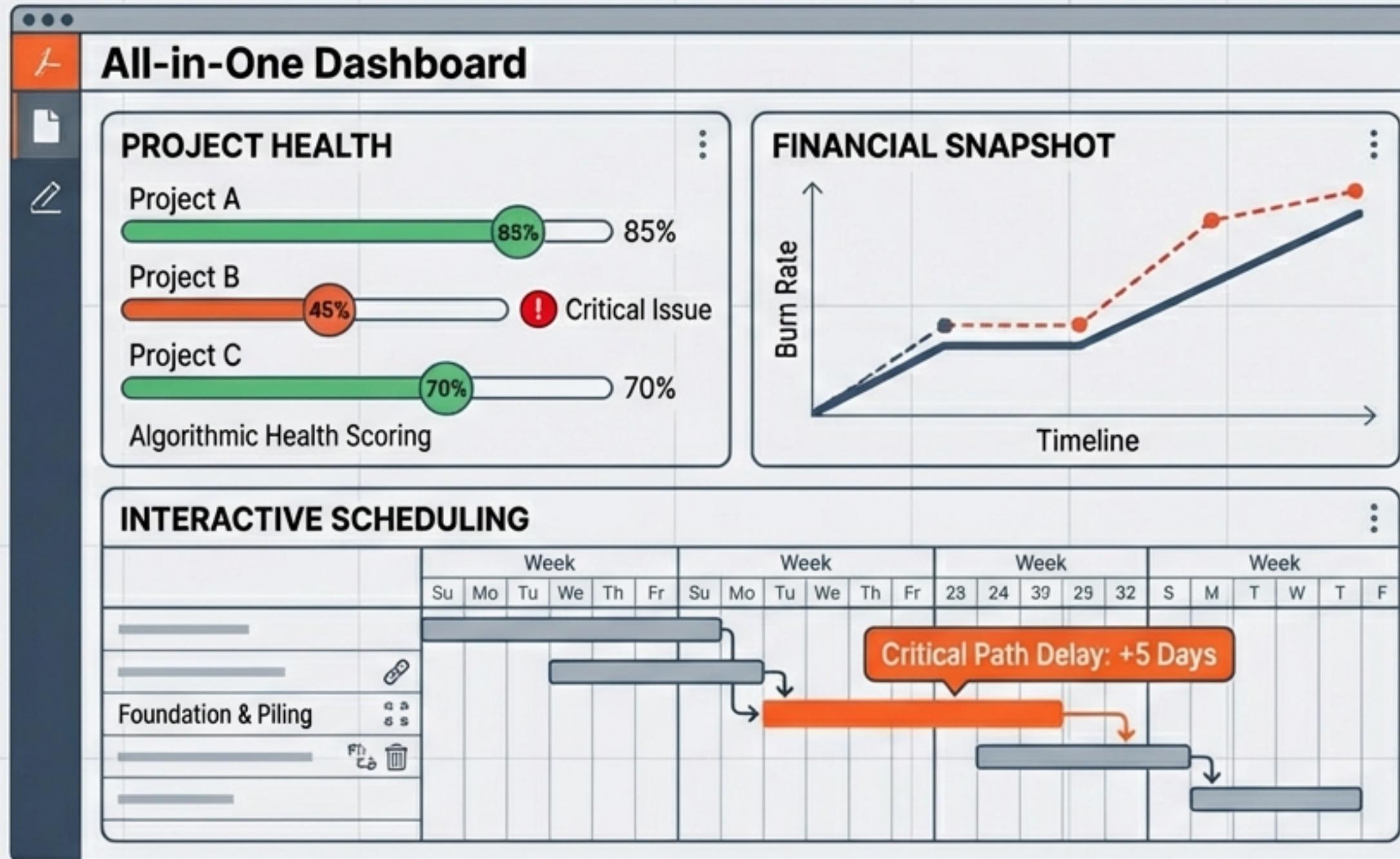


- Professional generation
- E-Signature integration

- Automated follow-up sequences
- Lead scoring based on project value

THE COMMAND CENTER: MANAGING EXECUTION

Modules 1 & 4: Dashboard + Scheduling



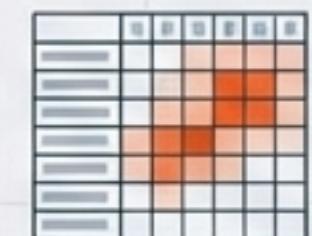
- Interactive Gantt charts with drag-and-drop dependencies.



- Algorithmic Health Scoring (Green/Yellow/Red indicators).

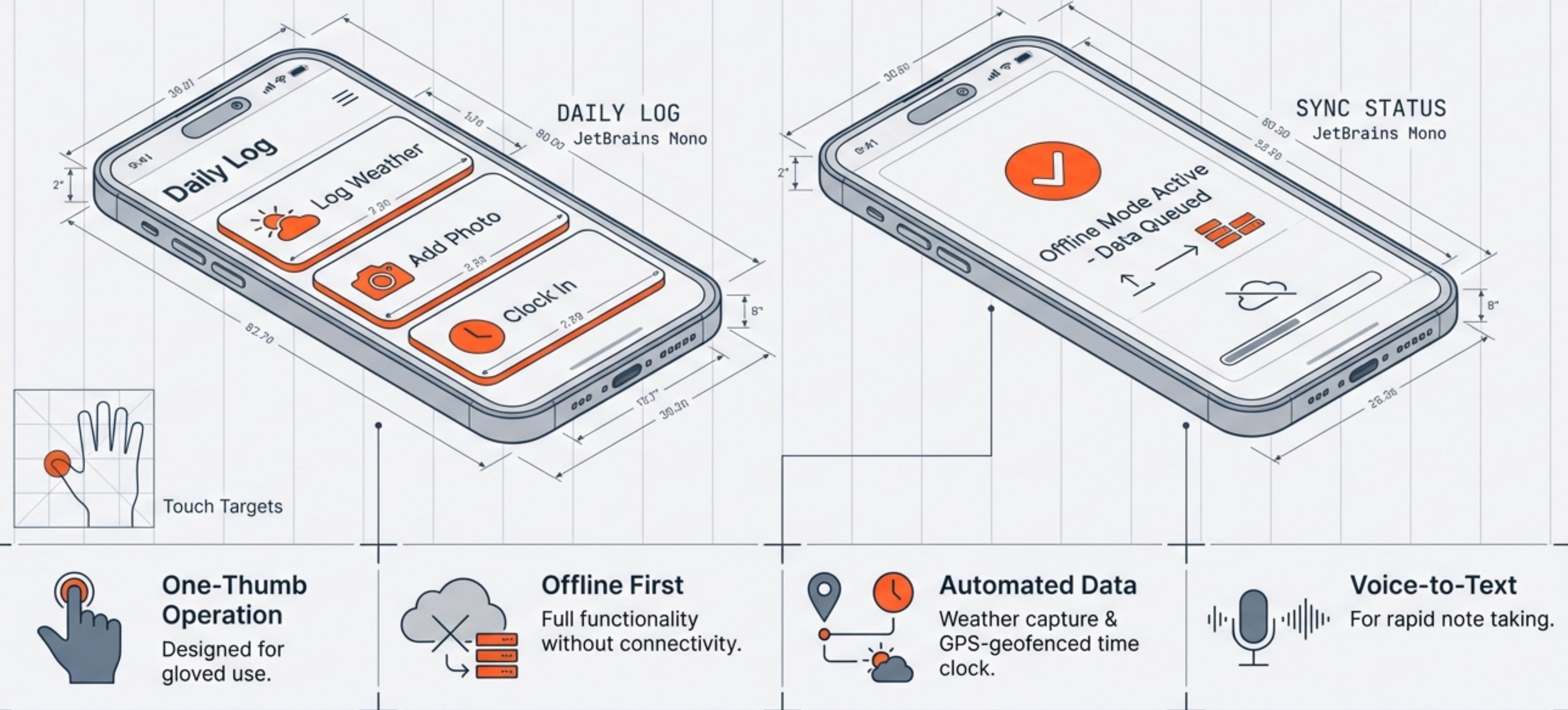


- Resource Heat Maps to identify overcommitted crews.



FIELD OPERATIONS: THE MOBILE EXPERIENCE

Modules 8 & 15: Field Ops + Mobile Native

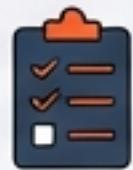


CLIENT COLLABORATION & BRAND EXPERIENCE

Module 6: Client Portal



Transparent Dashboard:
Milestones, photos, and activity feeds without jargon.



Selection Management:
Interactive sheets with pricing and lead times.



3D Visualization:
Integrated floor plan viewer.



Financials:
Stripe/ACH payments and Change Order approvals.

A large graphic of a dark blue smartphone showing a user interface for a homeowner dashboard. The screen is titled "HOMEOWNER DASHBOARD".

- A progress bar indicates "Kitchen Renovation - 65% Complete".
- A "SITE PROGRESS" section shows four stages: Foundation, Framing, Current, and a fourth stage represented by a dashed frame icon.
- A "SELECTIONS" section compares two faucet options:
 - Option A:** Modern Matte Black - \$350 (+\$50) with an "APPROVE" button and a checked checkbox.
 - Option B:** Brushed Nickel - \$300 with an unchecked checkbox.

ENTERPRISE FINANCIALS & WORKFORCE MANAGEMENT

Modules 5 & 10: Financials + Payroll

CONSTRUCTION ACCOUNTING

Job Costing		
Estimated	Committed	WIP
\$1,250,000	\$850,000	\$400,000
\$980,000	\$760,000	\$220,000
\$450,000	\$320,000	\$130,000

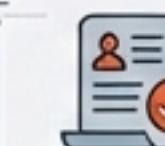
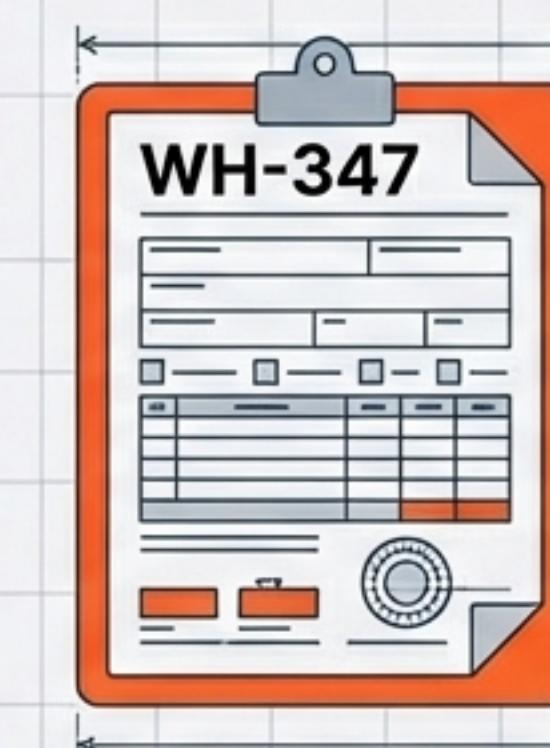


Real-time Job Costing & WIP Accounting.

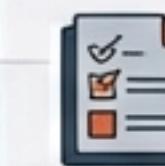


Bidirectional sync with QuickBooks & Xero.

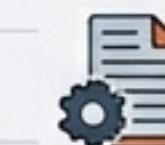
THE PAYROLL GAP SOLVED (NEW)



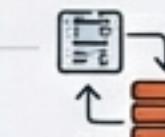
Certified Payroll: Automatic generation for government contracts.



Prevailing Wage & Union Support: Tracks complex multi-rate pay and benefits.



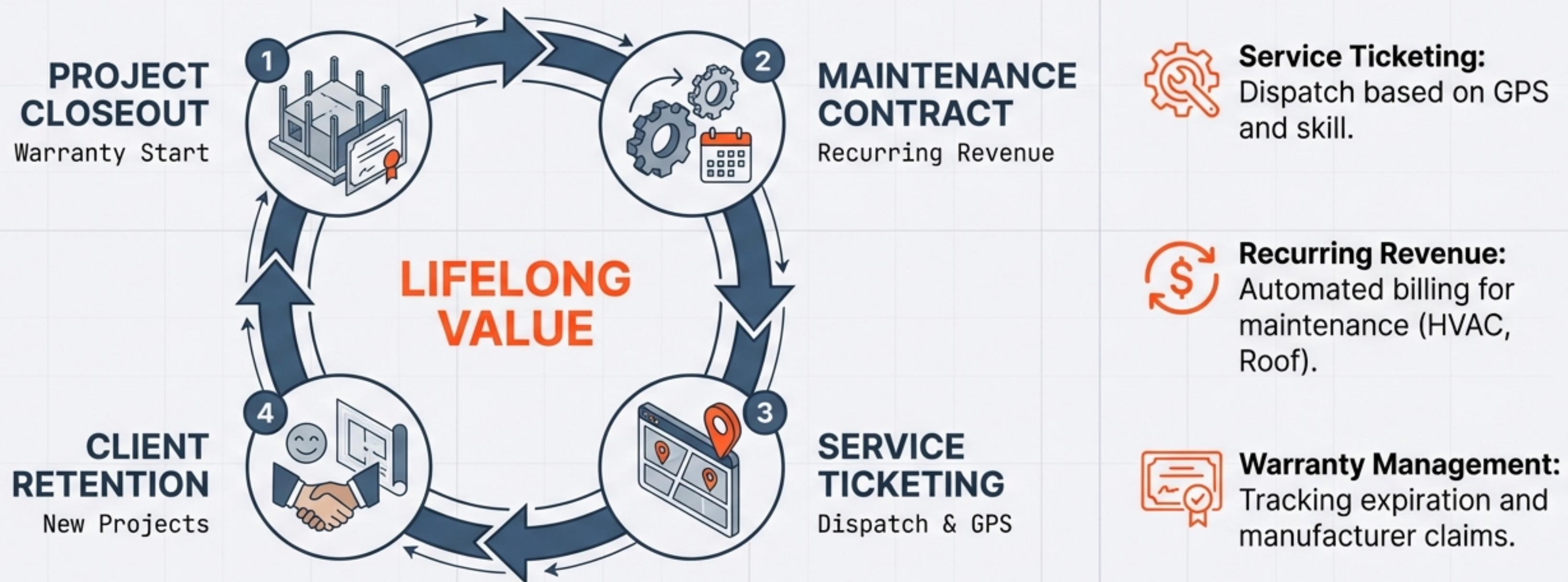
Prevailing Wage & Union Support: Tracks complex multi-rate pay and fringe benefits.



Job Cost Allocation: Labor split across projects automatically.

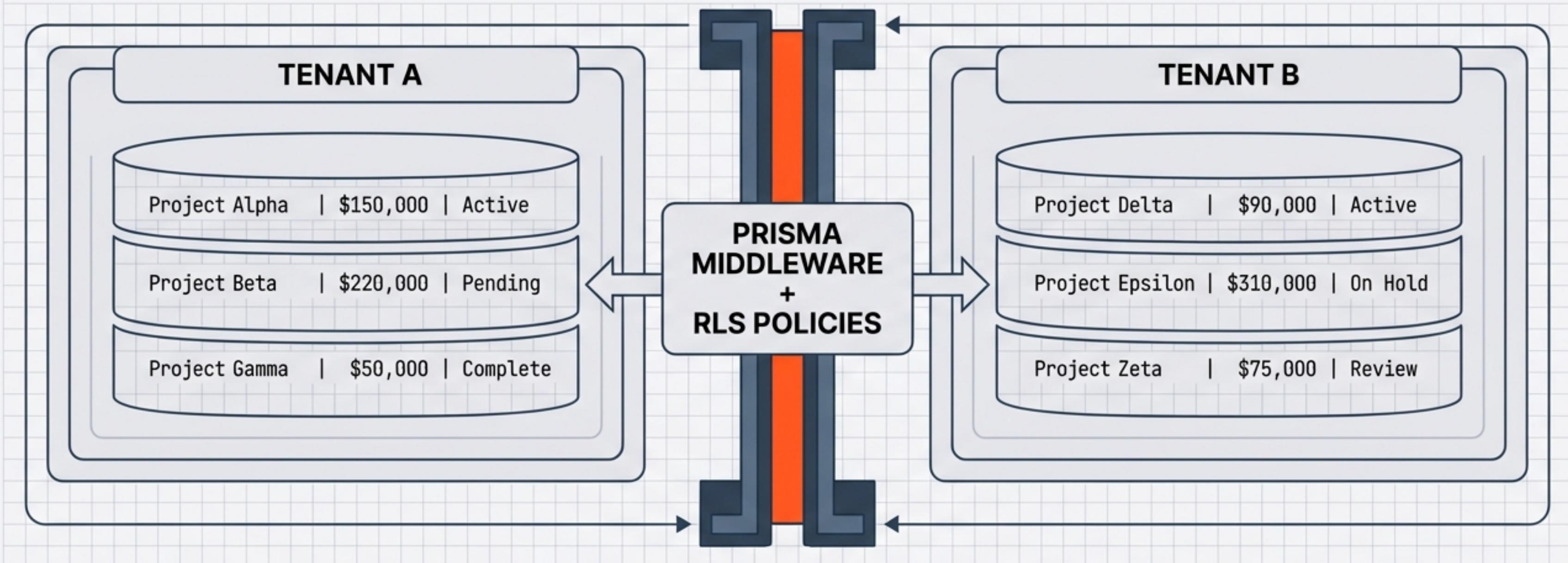
POST-CONSTRUCTION: THE SERVICE LOOP

Module 11: Service & Warranty



SECURITY & ARCHITECTURE: MULTI-TENANT ISOLATION

Data Safety via Row-Level Security



1. Row-Level Security (RLS): PostgreSQL policies enforce isolation at the DB level.



2. Prisma Middleware: Automatically injects "organizationId" into every query.



3. Role-Based Access: Granular permissions (Superintendent vs. Subcontractor).



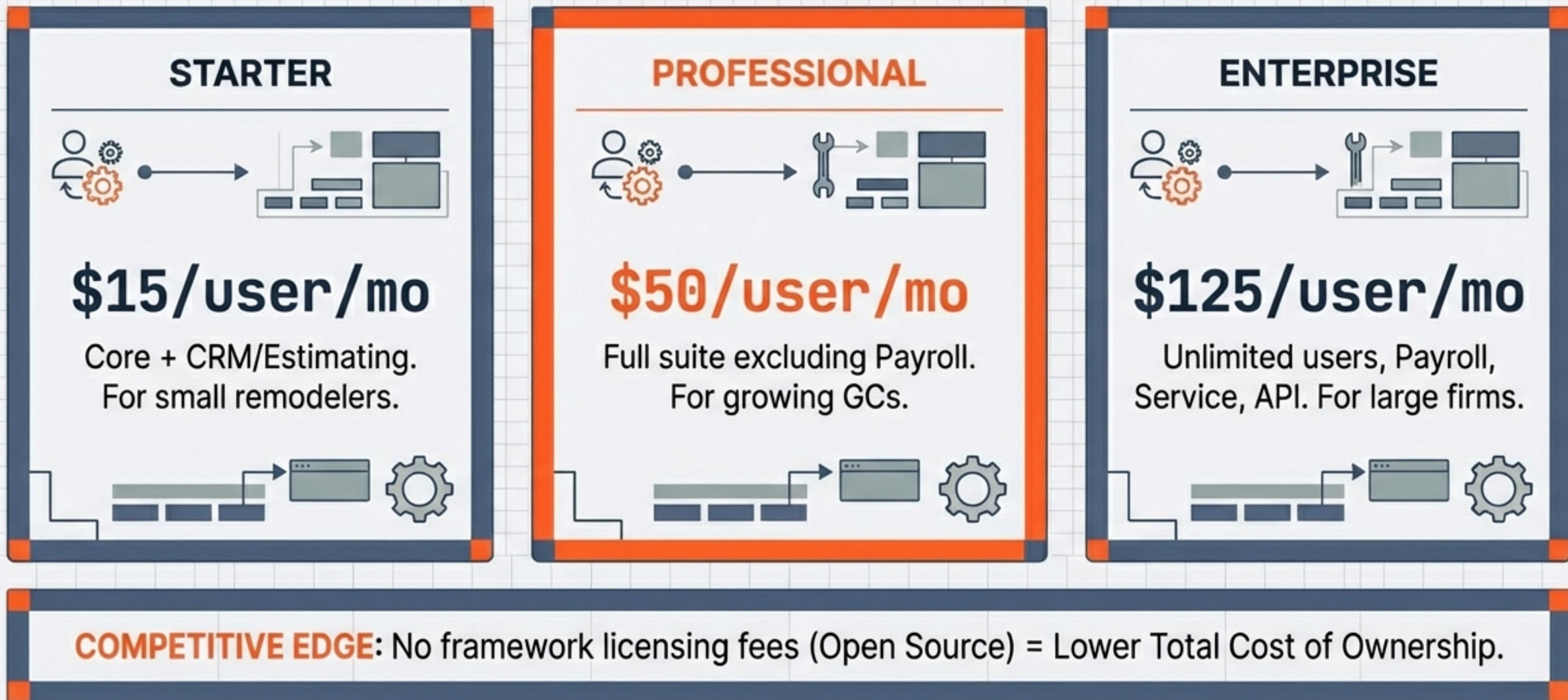
4. Audit Trails: Complete logging of all financial interactions.

IMPLEMENTATION ROADMAP



PRICING STRATEGY & BUSINESS MODEL

Flexible, Module-Based Pricing

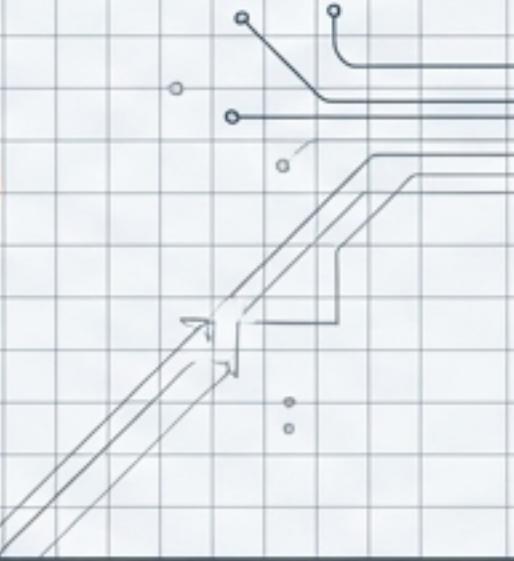


DEFINING SUCCESS: IMPACT METRICS

99.9%

System Uptime

Inter



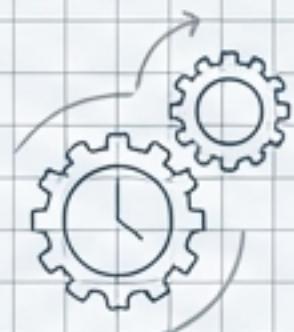
<500ms

Avg API Response

Inter



15%



Reduction in Admin Time

Inter

70%



User Activation Rate

Inter

90%



Data Completeness

Inter

BUILDERS STREAM PRO v3.0: THE UNIFIED OPERATING SYSTEM FOR THE MODERN BUILT ENVIRONMENT.