

2. Virtual Companies

The 8 active AI companies and how they specialize

- [2.1 Company Overview](#)
- [2.2 Company Agent Roles](#)

2.1 Company Overview

Virtual Companies

Virtual companies are **specialized AI agent teams**. Each company has:

- A **SOUL** (identity, values, expertise description)
- A **config** (domain, model preferences, agent roles)
- **Blueprints** (templates for how to build things)
- **Agents** (lead, builder, reviewer — each with model assignments)

Active Companies

Company	Type	Domain	Pipeline Role
CodeCraft	Dev Shop	Backend, APIs, databases, full-stack	BUILD (backend)
Vizu	Agency	Frontend, UI/UX, design, components	BUILD (frontend)
Datavera	Product Co.	Data engineering, analytics, ML, reporting	BUILD (data)
Proveo	Audit Firm	QA, testing, code review, validation	REVIEW
Securion	Consultancy	Security auditing, pen testing, threat modeling	SECURITY
FlowForge	Consultancy	DevOps, infra, CI/CD, deployment	OPS
Lexicon	Consultancy	Legal docs, compliance, GDPR, ToS	DOCS / LEGAL
AgentForge	AI Lab	Agent development, AI tooling, model fine-tuning	R&D

Merged / Archived Companies

Company	Merged Into	Reason
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Skybound	CodeCraft	Overlap with backend dev
Proxima	Vizu	Overlap with frontend
Skillforge	FlowForge	Overlap with DevOps
HelixSupport	FlowForge	Overlap with ops
Finverge	Lexicon	Overlap with compliance

Company File Structure

```
~/companies/CodeCraft/
├─ company.json    - Registration (name, type, org number)
├─ config.json    - Domain, models, agent definitions
├─ CLAUDE.md      - Soul/instructions for AI agents working as this company
├─ README.md      - Company description
├─ agents/        - Agent-specific prompts and configs
├─ blueprints/    - Project templates (nextjs-app.yaml, api-backend.yaml)
├─ logs/          - Execution logs
└─ state/         - Current work state
```

Routing: Which Company Gets the Task?

The pi-orchestrator classifies each task and routes it:

```
Task title/description
|
▼
Keyword matching (routing.json)
|
├─ "frontend", "UI", "react"    → Vizu
├─ "data", "analytics", "ML"    → Datavera
├─ "security", "audit", "CVE"   → Securion
├─ "deploy", "CI/CD", "infra"   → FlowForge
├─ "legal", "GDPR", "ToS"       → Lexicon
└─ default (backend, API, etc.) → CodeCraft
```

2.2 Company Agent Roles

Company Agent Roles

Each company has three agent roles:

Lead Agent (Orchestrator)

- **Model:** Typically Claude Sonnet or Kimi K2.5
- **Role:** Breaks down tasks, creates execution plans, coordinates
- **When used:** Complex tasks (complexity ≥ 3)

Builder Agent (Executor)

- **Model:** qwen2.5-coder:32b or Claude Sonnet
- **Role:** Writes code, creates files, implements features
- **When used:** All BUILD tasks

Reviewer Agent (Validator)

- **Model:** Same tier or higher than builder
- **Role:** Reviews output, checks quality, suggests improvements
- **When used:** REVIEW pipeline stage (Proveo), or internal quality gate

Agent Configuration Example (CodeCraft)

```
{
  "agents": {
    "lead": {
      "model": "sonnet",
      "type": "orchestrator"
    },
  },
}
```

```
"builder": {
  "model": "sonnet",
  "type": "builder"
},
"reviewer": {
  "model": "sonnet",
  "type": "reviewer"
}
},
"tier_overrides": {
  "lint": "ollama:qwen3:8b",
  "classify": "ollama:qwen3:8b",
  "code_review": "ollama:qwen2.5-coder:32b",
  "debug": "ollama:qwen2.5-coder:32b",
  "build": "sonnet",
  "architecture": "opus",
  "database_design": "ollama:deepseek-r1:32b"
}
}
```