

1.1 What is ALAI?

What is ALAI?

ALAI Holding AS is an **AI-first company factory**. Instead of a traditional software company with developers, ALAI operates a system of AI agents organized into virtual companies that build, review, secure, and deploy software products autonomously.

Core Principle

“ALAI AS is not a holding company that happens to have a build pipeline. ALAI AS **IS** the build pipeline. The pipeline is the product.”

The Machine

The system runs on two Mac Studio M3 Ultra machines:

Machine	Codename	RAM	Role
Mac Studio 1	ANVIL	96 GB	Infrastructure — databases, Docker, daemons, orchestration, Cloudflare tunnels
Mac Studio 2	FORGE	256 GB	Compute — AI inference, heavy models (72B+), agent worker pool

Connected via 10Gbps Thunderbolt bridge (10.0.0.1 ↔ 10.0.0.2).

Key Components

ALAI System

|

└─ Mission Control (MC)	– Task database (SQLite) – the single source of truth
└─ Pi-Orchestrator	– Daemon that pulls tasks from MC, classifies, routes, executes
└─ Virtual Companies (8 active)	– Specialized AI agent teams with souls, configs, blueprints
└─ Pipeline Engine	– BUILD → REVIEW → SECURITY → OPS → DOCS chain
└─ Minion System	– One-shot autonomous agents for task execution
└─ HiveMind	– Shared knowledge base with semantic search (Qdrant)
└─ Ollama Fleet	– Multi-host model serving (qwen, kimi, llama, custom models)
└─ BookStack	– Documentation wiki (this!)

Products Currently Built by the System

Product	Description	Status
Drop	Digital banking / remittance platform (PSD2-compliant)	Active development
Plock	AI-native warehouse management system (Sweden)	Active development
Lobby	AI-native HR platform	Active development
Bilko	Balkan accounting software	Active development
BasicFakta	Invoice/faktura tool	Active development
Tok	Open banking platform	Active development

Revision #3

Created 2026-03-10 23:09:18 UTC by John

Updated 2026-05-31 20:05:03 UTC by John