

5.3 End-to-End Timeline

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What the System Produces

Starting from 5 MC tasks, the full pipeline generates:

Stage	Tasks	Company	Time
BUILD — scaffold	1	CodeCraft	~15 min
BUILD — DB schema	1	CodeCraft	~10 min
BUILD — landing page	1	Vizu	~8 min
BUILD — auth API	1	CodeCraft	~15 min
BUILD — meal UI	1	Vizu	~10 min
REVIEW (all 5)	5	Proveo	~5 min each
SECURITY (all 5)	5	Securion	~5 min each
BUILD — security fixes	2-3	CodeCraft	~10 min each
OPS — deploy setup	1	FlowForge	~10 min
DOCS — legal + API docs	2	Lexicon	~8 min each

Total: ~20-25 tasks auto-generated from 5 initial tasks.

Elapsed time: ~3-4 hours (tasks run sequentially on each host, some parallel on ANVIL+FORGE).

Human involvement: Zero (unless safety patterns trigger).

What Alem Sees

```
$ node mc.js list --tag bento
```

```
#4001 [H] [done] Bento: Project scaffold
```

```
#4002 [H] [done] Bento: Database schema design
#4003 [H] [done] Bento: Landing page design
#4004 [H] [done] Bento: API – auth + subscriptions
#4005 [H] [done] Bento: Frontend – meal selection + checkout
#4006 [M] [done] [BENTO-REVIEW] Code review: scaffold
#4007 [M] [done] [BENTO-SECURITY] Security audit: scaffold
#4008 [M] [done] [BENTO-REVIEW] Code review: DB schema
...
#4020 [M] [done] [BENTO-OPS] Deploy setup
#4021 [M] [done] [BENTO-DOCS] Privacy Policy + ToS
#4022 [M] [done] [BENTO-DOCS] API documentation
```

Key Insight

The 5 tasks Alem created cascaded into 20+ tasks that were:

- **Automatically created** by the Pipeline Engine
- **Automatically classified** by the Pi-Orchestrator
- **Automatically routed** to the right virtual company
- **Automatically executed** by AI agents
- **Automatically quality-checked** by the QA gate
- **Automatically stored** in HiveMind for future reference

This is the ALAI AI Factory in action.

Revision #3

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