

# AI Factory V3 Operator Console — Implementation Status

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Parent MC: #102225

Process: ai-factory-102225

Docs MC: #102229

## Summary

AI Factory V3 first productization slice is now implemented and independently verified as an internal read-only operator console.

The console is intentionally a CLI/Markdown status layer, not an external SaaS/UI. It reads existing Mission Control/process/task data and local evidence directories, then writes deterministic status reports under `/tmp/alai/ai-factory/console/`.

## Operator commands

```
cd /Users/makinja/system
node tools/ai-factory.js console --process ai-factory-102225 --json
node tools/ai-factory.js console --task 102225 --markdown
```

Expected output files:

- `/tmp/alai/ai-factory/console/ai-factory-102225-console.json`
- `/tmp/alai/ai-factory/console/ai-factory-102225-console.md`

# Implemented scope

- `tools/ai-factory.js` now supports a `console` subcommand.
- Supported lookup modes:
  - `--process <process-id>`
  - `--task <parent-task-id>`
- Console output includes:
  - process id,
  - parent task id/status,
  - BookStack URL,
  - local spec path,
  - linked subtasks with roles/status/priority/route,
  - evidence directory/file presence,
  - P2P fields when discoverable,
  - warnings for missing evidence.
- Markdown and JSON artifacts are written only under `/tmp/alai/ai-factory/console/`.

# Current workflow status

MC	Role	Status at verification	Evidence
#102226	plan/spec	done	<code>/tmp/evidence-102226/</code>
#102227	build	done	<code>/tmp/evidence-102227/</code>
#102228	independent verification	done	<code>/tmp/evidence-102228/</code>
#102229	docs	in progress while this doc is written	<code>/tmp/evidence-102229/</code>
#102230	postflight/writeback	pending	<code>/tmp/evidence-102230/</code>

# Validation evidence

Build evidence:

- `/tmp/evidence-102227/verification.md`
- `/tmp/evidence-102227/validation-results.txt`
- `/tmp/evidence-102227/console-process.json`

Independent verification evidence:

- `/tmp/evidence-102228/verification.md`
- `/tmp/evidence-102228/validation-results.txt`

- `/tmp/evidence-102228/console-process.json`

Validation commands that passed:

```
cd /Users/makinja/system
node --check tools/ai-factory.js
node tools/ai-factory.js console --process ai-factory-102225 --json
node tools/ai-factory.js console --task 102225 --markdown
node tests/ai-factory-console-smoke.test.js
git diff --check -- tools/ai-factory.js tests/ai-factory-console-smoke.test.js
```

## P2P note

MC #102227 required Company Mesh pre-verifier before `ready`. The model-backed PASS attempt was BLOCKED because `gemini-review` was unavailable in responder runtime. The safe ANSWERED receipt-only fallback succeeded:

- `mesh-thr-90584dbb-ae7a-4930-8b8c-a5610db91b78`
- materialized evidence: `/tmp/alai/p2p-pairing-evidence/102227-mesh-thr-90584dbb-ae7a-4930-8b8c-a5610db91b78.json`

This is receipt/plumbing evidence only, not model-backed domain PASS. Deterministic local verification remains the main evidence for #102227/#102228.

## Guardrails preserved

- No production deploy.
- No push to main.
- No Snowit/Azure/client mutation.
- No automatic dispatch.
- No QA/MC gate bypass.
- Console reports missing evidence explicitly; it does not fabricate proof.

## Next step

Complete #102229 with this documentation evidence, then run #102230 postflight/writeback and close the AI Factory V3 parent/process if all evidence remains consistent.

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