

5.2 Pipeline Cascade: Review ? Security ? Deploy

Pipeline Cascade

Step 4: Pipeline Triggers REVIEW

After BUILD completes, the Pipeline Engine fires:

```
pipeline-engine.js advance 4001
  → Stage: BUILD complete
  → Creating REVIEW task for Proveo
```

New MC task created:

```
#4006 [M] [open] [-] [BENT0-REVIEW] Code review of project scaffold (parent: #4001)
```

Pi-Orchestrator picks it up → routes to **Proveo** (audit firm):

Proveo's agent reviews:

- Project structure follows conventions
- Missing .env.example
- No health check endpoint
- Docker setup correct

Result: REVIEW passes with minor findings.

Step 5: Pipeline Triggers SECURITY

```
pipeline-engine.js advance 4006
  → Stage: REVIEW complete (pass)
  → Creating SECURITY task for Securion
```

New MC task:

```
#4007 [M] [open] [-] [BENTO-SECURITY] Security audit of project scaffold (parent: #4006)
```

Securion's agent checks:

- No hardcoded secrets
- CORS configured correctly
- CSP headers missing
- Rate limiting not implemented

Result: SECURITY passes with findings → creates follow-up BUILD task for fixes.

Step 6: Parallel Processing

While the scaffold goes through the pipeline, the other tasks are also being processed:

```
[22:05] Task #4002 (DB schema)    → CodeCraft → Kimi K2.5
[22:08] Task #4003 (Landing page) → Vizu      → qwen2.5-coder:32b
[22:10] Task #4004 (Auth API)    → CodeCraft → Kimi K2.5
[22:13] Task #4005 (Meal UI)    → Vizu      → qwen2.5-coder:32b
```

Note: Vizu handles the frontend (landing page, meal UI), CodeCraft handles the backend (DB, API). Each gets their company-specific soul and blueprints.

Step 7: OPS Stage (Deploy)

If a task is tagged for deployment:

```
pipeline-engine.js advance 4007
  → Stage: SECURITY complete
  → Task has deploy trigger
  → Creating OPS task for FlowForge
```

FlowForge creates:

- Docker build pipeline
- GitHub Actions CI/CD
- Staging environment config
- Health check monitoring

Step 8: DOCS Stage

Finally, Lexicon creates documentation:

- Privacy Policy (GDPR-compliant for Nordic market)
- Terms of Service
- API documentation
- User guides

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