

CEO Dashboard Runbook

“ Last Verified: 2026-02-17 | Owner: John

CEO Dashboard

URL: http://localhost:3030/ceo **Server:** Mission Control Dashboard (port 3030) **Auto-refresh:** 60 seconds **Theme:** Dark (ALAI brand)

Overview

The CEO Dashboard provides Alem with a single-screen view of all critical business metrics. It aggregates data from multiple sources (Mission Control tasks, sales pipeline, invoices, support tickets, decisions) into a real-time executive view.

Sections

1. Revenue Overview (Banner)

Top banner showing financial health:

- **MRR (Monthly Recurring Revenue)** — Estimated from total invoiced / months
- **Outstanding** — Total unpaid invoices
- **3-Month Trend** — Revenue trend (TODO: implement calculation)
- **Next Invoice Due** — Next upcoming payment deadline

Data Source: `invoice-generator.js stats` and `invoice-generator.js list`

2. Pipeline Funnel

Visual funnel showing lead progression:

- Prospect → Qualified → Proposal Sent → Negotiating → Won
- Each stage shows count of active leads

Data Source: `sales-pipeline.js stats`

3. Active Projects (Kanban)

Project status board with 3 columns:

- **Active** — In progress tasks with project tag
- **Pending** — Paused tasks with project tag
- **Stalled** — Blocked tasks with project tag

Data Source: Mission Control `tasks` table (filtered by `project IS NOT NULL`)

4. Decisions Pending

Top 5 GO/NO-GO decisions awaiting Alem's response:

- Title of decision
- Recommendation (MUST GO / GO / CONDITIONAL GO / NO-GO)
- Visual badge indicating action needed

Data Source: `~/system/specs/alem-decisions-2026-02.md` (parsed from markdown)

5. Alerts Panel

Critical alerts requiring attention:

- **Overdue invoices** (from `invoice-generator.js check-overdue`)
- **SLA breaches** (from `ticket-sla-checker.js`)
- **Stale tasks** (open >7 days from MC)

Color coding:

- ■ Critical (red) — SLA breaches
- ▲ Warning (yellow) — Overdue invoices
- i Info (blue) — Stale tasks

Data Sources: `invoice-generator.js`, `ticket-sla-checker.js`, MC tasks table

6. Upcoming Deadlines

Timeline of upcoming deadlines (next 14 days):

- Tasks with "deadline" keyword in description
- Sorted by creation date (proxy for urgency)

Data Source: Mission Control `tasks` table (filtered by description LIKE '%deadline%')

Technical Details

Implementation

- Added as route `/ceo` to existing MC dashboard server
- Server file: `~/system/tools/mc-dashboard.js`
- HTML file: `~/system/tools/ceo-dashboard.html`
- API endpoint: `GET /api/ceo/dashboard` (JSON)

Data Aggregation

Dashboard uses `child_process.execSync` to call existing tools:

```
const invoiceStatsRaw = execSync('node ~/system/tools/invoice-generator.js stats 2>/dev/null');
const pipelineRaw = execSync('node ~/system/tools/sales-pipeline.js stats 2>/dev/null');
```

Data is cached for 60 seconds to avoid hammering tools on every browser refresh.

Styling

- Pure CSS (no frameworks)
- ALAI brand colors:
 - Background: `#09090b`
 - Accent: `#00E5A0`
 - Cards: `#18181b`
 - Borders: `#27272a`
 - Text: `#e4e4e7`
- Responsive grid layout
- Mobile-friendly (single column on mobile)

Auto-refresh

Two mechanisms:

1. HTML meta refresh: `<meta http-equiv="refresh" content="60">`
2. JavaScript interval: `setInterval(loadDashboard, 60000)`

Access

Local

- Direct: `http://localhost:3030/ceo`
- From MC dashboard: Click "CEO Dashboard" link (TODO: add link to MC dashboard)

LAN Access

Dashboard is bound to `0.0.0.0:3030`, accessible from any device on the network:

- Find Mac Studio IP: `ifconfig | grep "inet " | grep -v 127.0.0.1`
- Access from phone/tablet: `http://[MAC_IP]:3030/ceo`

Mobile

Fully responsive. Recommended for iPad/tablet in landscape mode for best experience.

Future Enhancements

Phase 2 (Interactive)

- Click on decisions to mark GO/NO-GO (updates `alem-decisions` file)
- Click on alerts to take action (send reminder, escalate ticket)
- Filter pipeline by source/date range
- Drill-down from project kanban to task list

Phase 3 (Advanced Metrics)

- Revenue trend calculation (3-month moving average)
- Pipeline conversion rates (qualified → won)
- Task velocity (tasks closed per week)
- SLA compliance percentage over time
- Contract expiration warnings

Phase 4 (AI Insights)

- Weekly digest summary (Ollama-generated)
- Anomaly detection (sudden drop in pipeline, spike in alerts)
- Predictive revenue forecasting
- Recommendations engine (which decision to prioritize)

Maintenance

Update Decision File

When Alem makes decisions, update:

```
~/system/specs/alem-decisions-2026-02.md
```

Dashboard will auto-parse on next refresh.

Restart Dashboard

If changes are made to server code:

```
launchctl kickstart -k gui/$(id -u)/com.john.mc-dashboard
```

Check Logs

```
tail -f ~/system/logs/mc-dashboard.log  
tail -f ~/system/logs/mc-dashboard-error.log
```

Troubleshooting

Dashboard shows "Loading..." indefinitely

- Check API endpoint: `curl http://localhost:3030/api/ceo/dashboard`
- Check browser console for JavaScript errors
- Verify MC dashboard daemon is running: `launchctl list | grep mc-dashboard`

Data shows 0 or N/A

- Verify tool outputs: `node ~/system/tools/invoice-generator.js stats`
- Check tool paths in `mc-dashboard.js` API route
- Ensure database files exist in `~/system/databases/`

Mobile layout broken

- Clear browser cache
- Test responsive design in browser dev tools
- Check CSS media queries in `ceo-dashboard.html`

Related Files

- Server: `/Users/makinja/system/tools/mc-dashboard.js`
- HTML: `/Users/makinja/system/tools/ceo-dashboard.html`
- Daemon: `~/Library/LaunchAgents/com.john.mc-dashboard.plist`
- Manifest: `~/system/tools/manifest.md`
- Decisions: `~/system/specs/alem-decisions-2026-02.md`

Revision #3

Created 2026-02-17 22:14:26 UTC by John

Updated 2026-05-31 20:00:38 UTC by John