

Email Pipeline + Edita PA — Runbook

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MC: #8521 | **Related:** #8466 (OWN classifier fix) | **Date:** 2026-04-20

Overview

The email pipeline classifies incoming emails and routes them to Mission Control, HiveMind, or archive. Edita PA is the autonomous email assistant operating in phased rollout (currently Phase 1).

Architecture

- **Daemon:** `~/system/daemons/email-agent.js`
 - **LaunchAgent:** `com.john.email-agent` (via wrapper `email-agent-wrapper.sh`)
 - **Vault:** Bitwarden session (`/tmp/bw-session`) required for IMAP credentials
 - **Triage LLM:** llama3.1:8b (Ollama ANVIL, preloaded via `ollama-triage-preload.sh`)
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OWN Classifier Logic

The OWN classifier identifies machine-generated emails from ALAI's own systems to prevent task spam.

Constants (email-agent.js lines 118-123)

```
const OWN_SYSTEM_PREFIXES = [  
  'noreply@', 'no-reply@', 'sentinel@', 'alerts@', 'auto@', 'daemon@',
```

```
'mailer@', 'notification@', 'notifications@', 'bounces@', 'bounce@',  
'donotreply@', 'do-not-reply@', 'system@'  
];  
const OWN_SYSTEM_DOMAINS = ['@alai.no', '@basicconsulting.no'];
```

isOwnSystemEmail() Function (lines 446-456)

Two-tier check:

1. **Exact match:** `OWN_ADDRESSES` array (hardcoded machine addresses)
2. **Prefix + domain:** Any prefix in `OWN_SYSTEM_PREFIXES` on domains in `OWN_SYSTEM_DOMAINS`

Critical: `alem@alai.no` is NEVER in this list. VIP check runs FIRST (line 464), bypassing OWN classifier entirely.

TLDR_SKIP Routing

Newsletters from `dan@tldrnewsletter.com` do NOT create MC tasks. They are handled exclusively by `tldr-briefing.js` daemon.

```
// line 126  
const TLDR_SENDER = 'dan@tldrnewsletter.com';  
  
// line 474  
if (lowerFrom.includes(TLDR_SENDER)) {  
  return { category: 'TLDR_SKIP', priority: 'low', summary: 'TLDR newsletter – handled by  
tldr-briefing.js', action: '' };  
}
```

VIP Ordering

Classification priority (lines 464-481):

1. **VIP:** CEO/family → bypass ALL filters, force ACTION/high, skip Ollama
2. **TLDR_SKIP:** Newsletter → skip MC INTAKE, route to `tldr-briefing.js`
3. **OWN:** System emails → archive, no task
4. **Other:** Spam allowlist check → Ollama classification

Edita PA Phases

Phase 0: --dry-run (Log-Only)

Classification + logging only. No archive, no escalate, no respond.

```
node ~/system/daemons/email-agent.js --dry-run
```

Phase 1: --allow-archive (CURRENT)

Archive low-priority emails only. Escalate and respond actions are held (logged but not executed).

```
node ~/system/daemons/email-agent.js --allow-archive
```

Plist config: `com.john.email-agent` calls `email-agent-wrapper.sh`, which passes no flags → defaults to Phase 1 (archive-only mode is internal default in daemon code).

Phase 2: Full Live (NOT YET APPROVED)

Archive + escalate + respond. Requires CEO explicit approval.

```
node ~/system/daemons/email-agent.js --allow-all
```

Unit Testing

Test classifier without IMAP/Vault dependencies:

```
node ~/system/daemons/test-email-classifier.js
```

Scenarios (16 total):

- VIP bypass (alem@alai.no, CEO family)
 - TLDR_SKIP routing
 - OWN system emails (noreply@alai.no, sentinel@basicconsulting.no)
 - Spam patterns with allowlist exceptions (GitHub, Cloudflare, Anthropic)
-

Rollback

Revert to dry-run mode:

```
launchctl unload ~/Library/LaunchAgents/com.john.email-agent.plist

# Edit wrapper to add --dry-run flag
echo 'exec /opt/homebrew/bin/node "$HOME/system/daemons/email-agent.js" --dry-run' >>
~/system/tools/email-agent-wrapper.sh

launchctl load ~/Library/LaunchAgents/com.john.email-agent.plist
```

Monitoring

- **Logs:** `~/system/logs/email-agent-launchd.log`
- **Errors:** `~/system/logs/email-agent-launchd-error.log`
- **MC tasks:** `node ~/system/tools/mc.js list --owner edita`
- **DLQ:** Failed vault sessions stored in `email-agent.js` in-memory DLQ (logged only, no persistence)

Generated by Skillforge | ALAI, 2026

Contact Form Handlers

This section documents all contact forms across ALAI properties and their email delivery mechanisms.

alai.no Contact Form

- **Frontend:** `https://alai.no/contact` (Cloudflare Pages)
- **Handler:** CF Pages Function `/functions/contact.js`
- **Endpoint:** POST `https://alai.no/api/contact`
- **Email provider:** Resend API
- **Recipient:** `info@alai.no`
- **Credentials:** Bitwarden item "Resend API Key" → CF Pages env var `RESEND_API_KEY`
- **Status:** LIVE (deployed 2026-04-21, MC #8587)

Test procedure:

```
curl -X POST https://alai.no/api/contact \  
  -H "Content-Type: application/json" \  
  -d '{"name": "Test User", "email": "test@example.com", "message": "E2E test 2026-04-21 14:00"}'  
  
# Verify inbox:  
himalaya search --account info-alai --folder INBOX "subject:Contact Form"
```

snowit.ba Contact Form

- **Frontend:** `https://snowit.ba/contact`
- **Handler:** BROKEN — Vercel API route not migrated to CF Pages (MC #8591)
- **Endpoint:** `POST https://api.basicconsulting.no/contact` (hijacked by documenso-webhook, returns false success)
- **Recipient:** `info@snowit.ba` (LumisCare side, not ALAI-managed)
- **Status:** BROKEN — awaiting CodeCraft fix

getdrop.no Waitlist

- **Frontend:** `https://getdrop.no` (Cloudflare Pages)
- **Handler:** CF Pages Function `/functions/waitlist.js`
- **Endpoint:** `POST https://getdrop.no/api/waitlist`
- **Storage:** Cloudflare D1 database `drop-waitlist`
- **Email provider:** None (DB-only storage, no email sent)
- **Status:** LIVE

Test procedure:

```
wrangler d1 execute drop-waitlist --command "SELECT * FROM submissions ORDER BY created_at DESC LIMIT 5"
```

merdzanovic.ba Contact Form

- **Status:** UNKNOWN — needs audit (likely same risk as snowit.ba)
- **MC Task:** #8593 (audit all ALAI-managed contact forms)

Form Handler Migration Checklist

When migrating sites from Vercel/Netlify to Cloudflare Pages:

1. **Inventory:** Identify all POST endpoints (forms, webhooks, API routes)
2. **Port handlers:** Rewrite Vercel API routes as CF Pages Functions (`/functions/*.js`)
3. **Environment variables:** Copy SMTP/API credentials to CF Pages env vars
4. **Update form actions:** Change form targets to new CF Pages routes (e.g., `/api/contact`)
5. **E2E test:** Follow [Forms E2E Testing Protocol](#) (HTTP + inbox check MANDATORY)
6. **Monitor:** Check inbox/DB for 24 hours post-migration to catch silent failures

Reference incident: [2026-04-21 alai.no Contact Form Failure](#)

Himalaya IMAP Setup (for Form Testing)

Himalaya CLI provides rapid inbox verification without browser login.

Install

```
brew install himalaya
```

Configure Account

Add to `~/.config/himalaya/config.toml`:

```
[accounts.info-alai]
default = false
email = "info@alai.no"
display-name = "ALAI Info"

[accounts.info-alai.imap]
host = "imap.one.com"
port = 993
encryption = "tls"
login = "info@alai.no"
passwd.cmd = "bw get password 'Email - info@alai.no' --session $(cat /tmp/bw-session)"

[accounts.info-alai.smtp]
```

```
host = "send.one.com"
port = 587
encryption = "start-tls"
login = "info@alai.no"
passwd.cmd = "bw get password 'Email - info@alai.no' --session $(cat /tmp/bw-session)"
```

Usage

```
# Unlock Bitwarden first
bw unlock --raw > /tmp/bw-session

# List recent messages
himalaya list --account info-alai --folder INBOX --page-size 20

# Search for form submissions
himalaya search --account info-alai --folder INBOX "from:noreply@alai.no"

# Search by date range
himalaya search --account info-alai --folder INBOX "since:2026-04-21"
```

Credentials: Bitwarden item "Email - info@alai.no"

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