OpenTrack

OpenTrack

Field	Value
Distribution	BSS — OpenSOF
Product	OpenSOF
Release	0.15.1
Deployment	`opensof.bss.dev`
Source	`/srv/bss/releases/OpenSOF-v0.15.0-20app`
Evidence	Catalog intent plus component-scoped static evidence
Source fingerprint	`cda583b42f2a0d296b268ab5b174932a378c8be6fb52ffa1af14af896e990f6e`
Status	Generated baseline — human review required

> **Verification boundary:** This page combines platform design guidance with static evidence from the release. It does not prove that every detected interface is enabled, reachable, secure, or operational in the deployed environment.

Purpose

The multi-source track ingestion, normalization, update and fusion service for ADS-B, AIS, USMTF, DIS, BFT and other operational feeds.

Operational value

Provides a common track model and live update path so every application does not need a custom adapter for every source.

Differentiators

Track data can retain source, timing, semantics and fusion lineage while flowing directly into the COP, tasking and analytics.

Platform connections

- OpenCOP
- OpenTask
- OpenBus
- OpenPNT
- OpenAnalytics

Release detection

Status	Score	Evidence items
detected	80	12

Evidence type	Source	Match
content	`API.md`	`opentrack`
content	`CHANGELOG.md`	`opentrack`
content	`MERGE-v0.13.1.md`	`opentrack`
content	`OPENBUS.md`	`opentrack`
content	`OPENCOP.md`	`opentrack`
path	`open-track/app.js`	`open-track`
path	`open-track/index.html`	`open-track`
path	`public/open-track/app.js`	`open-track`
path	`public/open-track/index.html`	`open-track`
content	`index.html`	`open-track`
content	`server.js`	`open-track`
content	`common/common.js`	`open-track`

Candidate REST/API interfaces

No component-specific REST route was associated by the scanner.

Candidate real-time interfaces

No component-specific WebSocket endpoint was associated by the scanner.

Configuration candidates

Variable	Default	Evidence
`AEGIS_SENTINEL_LABEL`	COMPILED_DEPLOYMENT.aegisSentinelLabel).trim() || COMPILED_DEPLOYMENT.aegisSentinelLabel	server.js, tools/integrate_opensof_service_entries.py
`ANTHROPIC_API_KEY`	—	server.js, lib/openllm/agents.js, lib/openllm/providers.js
`DATA_DIR`	path.join(ROOT	OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, RELEASE-MANIFEST-v0.14.0.json, UPGRADE-v0.14.0.md
`EOD_TECH_TARGET`	@eodtech	server.js
`HOST`	0.0.0.0	server.js, lib/openrf-controller/server.js
`KNOWLEDGE_NS`	—	server.js
`MISSION_KNOWLEDGE_NS`	—	server.js
`MOUNT_PATH`	COMPILED_DEPLOYMENT.mountPath	server.js
`NODE_ID`	COMPILED_DEPLOYMENT.nodeId	server.js, edge/openssa-sensor/lib/openssa.js, lib/openssa.js
`OPENAAR_SIGNING_KEY`	[REDACTED]	server.js
`OPENAAR_SNAPSHOT_EVERY_EVENTS`	100	server.js
`OPENAAR_SNAPSHOT_INTERVAL_S`	30	server.js
`OPENAI_API_KEY`	—	server.js, lib/openllm/providers.js
`OPENANALYTICS_CONNECTOR_TIMEOUT_MS`	60000	server.js

Variable	Default	Evidence
`OPENBUS_API_TOKEN`	[REDACTED]	OPENKNOWLEDGE-OPENTASK.md, OPENLVC-DEMO.md, OPENLVC-RTI.md, demo_simulator.py
`OPENBUS_MAX_HISTORY`	500	server.js
`OPENCHAT_DEFAULT_TARGET`	#eod-ops	server.js
`OPENCOP_TRACK_URL`	https://opencop.c24.airoapp.ai/api/tracks	server.js
`OPENCOP_UI_URL`	BUILTIN_OPENCOP_UI_URL	server.js
`OPENCYBERSEC_AGENT_TOKEN`	[REDACTED]	OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, server.js, examples/opencybersec/ingest-examples.sh
`OPENCYBERSEC_OPERATOR_TOKEN`	[REDACTED]	OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, server.js, examples/opencybersec/ingest-examples.sh
`OPENCYBERSEC_READ_TOKEN`	—	server.js
`OPENFILES_HEALTH_URL`	—	server.js, tools/integrate_opensof_service_entries.py
`OPENFILES_SERVICE_URL`	—	server.js
`OPENIIA_MAX_EVIDENCE_BYTES`	12000000	server.js
`OPENISAC_HEALTH_URL`	—	server.js, tools/integrate_opensof_service_entries.py
`OPENISAC_SERVICE_URL`	—	server.js
`OPENKNOWLEDGE_EDITOR_TOKEN`	[REDACTED]	server.js
`OPENKNOWLEDGE_GRAPH`	https://opensof.local/graph/core	server.js
`OPENKNOWLEDGE_MODEL_FILE`	path.join(DATA	server.js
`OPENKNOWLEDGE_ONTOWIKI_URL`	—	server.js
`OPENKNOWLEDGE_SPARQL_ENDPOINT`	—	server.js
`OPENKNOWLEDGE_TIMEOUT_MS`	8000	server.js
`OPENLLM_ANTHROPIC_API_KEY`	[REDACTED]	server.js, lib/openllm/providers.js
`OPENLLM_OPENAI_API_KEY`	[REDACTED]	server.js, lib/openllm/providers.js
`OPENLLM_OPENWEBUI_API_KEY`	[REDACTED]	server.js, lib/openllm/providers.js
`OPENLLM_OPENWEBUI_URL`	process.env.OPENWEBUI_URL ||	server.js, lib/openllm/providers.js

Variable	Default	Evidence
`OPENLLM_OPERATOR_TOKEN`	[REDACTED]	server.js, lib/openllm.js
`OPENLLM_WORKSPACES_DIR`	path.join(ROOT	server.js
`OPENLVC_HEALTH_URL`	—	server.js, tools/integrate_opensof_service_entries.py
`OPENLVC_SERVICE_URL`	—	server.js
`OPENMAIL_HEALTH_URL`	—	server.js, tools/integrate_opensof_service_entries.py
`OPENMAIL_SERVICE_URL`	—	server.js
`OPENRF_AGENT_TOKEN`	[REDACTED]	server.js, lib/openrf-controller/server.js, openrf/API.md
`OPENRF_DATA_DIR`	path.join(DATA	server.js, lib/openrf-controller/server.js
`OPENRF_OPERATOR_TOKEN`	[REDACTED]	server.js, lib/openrf-controller/server.js, openrf/API.md, openrf/README-UPSTREAM-v0.3.0.md
`OPENRF_READ_TOKEN`	—	server.js, lib/openrf-controller/server.js, openrf/API.md
`OPENSSA_ACTIVE_TIMEOUT_S`	900	server.js, edge/openssa-sensor/SERVER_INTEGRATION.md, edge/openssa-sensor/lib/openssa.js, lib/openssa.js
`OPENSSA_ITU_REGION`	2	server.js, edge/openssa-sensor/SERVER_INTEGRATION.md, edge/openssa-sensor/lib/openssa.js, lib/openssa.js
`OPENSSA_SENSOR_TOKEN`	[REDACTED]	server.js, edge/openssa-sensor/SERVER_INTEGRATION.md, edge/openssa-sensor/local_server.js, edge/openssa-sensor/demo/run_streaming_demo.py
`OPENWEBUI_API_KEY`	[REDACTED]	server.js, lib/openllm/providers.js
`OPENWEBUI_CHAT_PATH`	/api/chat/completions	server.js
`OPENWEBUI_DEFAULT_MODEL`	—	server.js
`OPENWEBUI_HEALTH_PATH`	/health	server.js
`OPENWEBUI_MODELS_PATH`	/api/models	server.js
`OPENWEBUI_URL`	).replace(//+$/	server.js
`OPEN_EYES_DEFAULT_ASSET`	ISAC-RASPBOT-01	server.js

Variable	Default	Evidence
`PORT`	3000	server.js, edge/openssa-sensor/local_server.js, lib/openrf-controller/server.js
`PUBLIC_BASE_URL`	COMPILED_DEPLOYMENT.publicBaseUrl).replace(//+$/	server.js
`RASPBOT_BROWSER_WS_URL`	—	server.js
`RASPBOT_CONTROL_URL`	—	server.js
`RASPBOT_STREAM_URL`	—	server.js
`ROCKETCHAT_AUTH_TOKEN`	[REDACTED]	server.js
`ROCKETCHAT_BOT_USERNAME`	openc5.bot	server.js
`ROCKETCHAT_EMBED_URL`	—	server.js
`ROCKETCHAT_INCOMING_WEBHOOK_URL`	—	server.js
`ROCKETCHAT_OUTGOING_TOKEN`	[REDACTED]	server.js, rocketchat/outgoing-webhook-test.sh
`ROCKETCHAT_PUBLIC_URL`	ROCKETCHAT_URL || '').replace(//+$/	server.js
`ROCKETCHAT_URL`	).replace(//+$/	server.js
`ROCKETCHAT_USER_ID`	—	server.js
`SITE_ID`	COMPILED_DEPLOYMENT.siteId	server.js, edge/openssa-sensor/lib/openssa.js, lib/openssa.js
`SUITE_VERSION`	—	server.js, tools/integrate_opensof_service_entries.py

Service candidates

No component-specific service definition was associated by the scanner.

External dependencies/endpoints

Host	URL	Source
${req.headers.host	`http://${req.headers.host/`	`server.js`
bss.dev	`https://bss.dev/live/fpv-ctl/`	`index.html`
loammhpng4.c36.airoapp.ai	`https://loammhpng4.c36.airoapp.ai/`	`API.md`

Host	URL	Source
loammhpng4.c36.airoapp.ai	`https://loammhpng4.c36.airoapp.ai/`	`CHANGELOG.md`
loammhpng4.c36.airoapp.ai	`https://loammhpng4.c36.airoapp.ai/api/tracks`	`README.md`
opencop.c24.airoapp.ai	`https://opencop.c24.airoapp.ai/api/tracks`	`deploy.env.example`
opencop.c24.airoapp.ai	`https://opencop.c24.airoapp.ai/api/tracks`	`integrations/opencop-openeyes/patched-static/map.js`
opencop.c24.airoapp.ai	`https://opencop.c24.airoapp.ai/api/tracks`	`server.js`
opencop.example	`https://opencop.example/api/tracks`	`tests/openeyes_smoke_test.py`
opensof.bss.dev	`https://opensof.bss.dev/`	`server.js`
opensof.local	`https://opensof.local/graph/core`	`server.js`
opensof.local	`https://opensof.local/ontology`	`server.js`
opensof.local	`https://opensof.local/resource/`	`server.js`

Verification checklist

- Confirm the component is included and enabled in this edition/release.
- Record its authoritative service, process/container, port, base URL and health endpoint.
- Exercise its primary operator workflow and capture expected versus actual results.
- Verify authentication, authorization, audit, error behavior and data handling policy.
- Verify OpenBus/OpenKnowledge relationships and time/provenance metadata where applicable.
- Document known limitations and the release in which they are corrected.

Maintainer Notes

Add human-reviewed deployment notes, corrections, decisions, screenshots, and links here. Content outside the generated block is preserved on future runs.

Revision #1
Created 2026-08-28 15:10:41 UTC by Nexus Ops Administrator
Updated 2026-08-28 15:10:41 UTC by Nexus Ops Administrator