

OpenBus

OpenBus

Field	Value
Distribution	BSS — OpenSOF
Product	OpenSOF
Release	0.15.1
Deployment	<code>opensof.bss.dev</code>
Source	<code>/srv/bss/releases/OpenSOF-v0.15.0-20app</code>
Evidence	Catalog intent plus component-scoped static evidence
Source fingerprint	<code>cda583b42f2a0d296b268ab5b174932a378c8be6fb52ffa1af14af896e990f6e</code>
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 platform event and message fabric that carries operational data, commands, status, correlations and workflow events between independently deployable components.

Operational value

Reduces point-to-point integration, gives producers and consumers a common exchange pattern, and lets new automation subscribe without rewriting every application.

Differentiators

Operational messages can carry identity, time, source, semantic type and correlation context rather than being treated as anonymous JSON blobs.

Platform connections

- OpenKnowledge
- OpenTrack
- OpenTask
- OpenEyes
- OpenAnalytics

Release detection

Status	Score	Evidence items
detected	105	12

Evidence type	Source	Match
path	OPENBUS.md	openbus
path	drivers/openbus_agent.py	openbus
path	edge/openlvc/rti_openbus_gateway.py	openbus
path	examples/opencybersec/openbus-security-event.json	openbus
path	lib/open-networks/openbus.js	openbus
content	API.md	openbus
content	CHANGELOG.md	openbus
content	DEPLOY-GODADDY.md	openbus
content	MERGE-v0.13.1.md	openbus
content	OPENBUS.md	openbus
path	open-bus/app.js	open-bus
path	open-bus/index.html	open-bus

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
BASE	http://127.0.0.1:3000	DEPLOY-GODADDY.md, OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, UPGRADE-v0.14.0.md
OPENBUS_API_TOKEN	[REDACTED]	OPENKNOWLEDGE-OPENTASK.md, OPENLVC-DEMO.md, OPENLVC-RTI.md, demo_simulator.py
OPENSOF_URL	http://127.0.0.1:3000	OPENLVC-DEMO.md, edge/openlvc/README.md, edge/openlvc/dis_udp_bridge.py, edge/openlvc/rti_openbus_gateway.py

Service candidates

Service	ExecStart	Source
openlvc-rti-gateway.service	/usr/bin/python3 /opt/opensof/edge/openlvc/rti_openbus_gateway.py --opensof \${OPENSOF_URL} --token [REDACTED] --federation \${OPENLVC_FEDERATION} --federate \${OPENLVC_FEDERATE} --sidecar-command \${OPENLVC_RTI_SIDEAR_COMMAND}	edge/openlvc/systemd/openlvc-rti-gateway.service

External dependencies/endpoints

Host	URL	Source
loammhpng4.c36.airoapp.ai	https://loammhpng4.c36.airoapp.ai/	API.md
loammhpng4.c36.airoapp.ai	https://loammhpng4.c36.airoapp.ai/	CHANGELOG.md

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.
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Maintainer Notes

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

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