

# OpenBus Integration

# OpenBus Integration

| 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           | Reference event contract and OpenBus 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.

## Event integration pattern

```
producer → validate/type → publish OpenBus event
          → subscribers enrich/correlate/persist/notify/task
          → audit and operational state update
```

## Minimum event contract

| Concern     | Required behavior                                                                     |
|-------------|---------------------------------------------------------------------------------------|
| Identity    | Unique event ID, producer identity and subject/entity ID.                             |
| Meaning     | Semantic type/URI and schema version.                                                 |
| Time        | Observation, publication and receipt times plus source-clock quality.                 |
| Correlation | Mission, track, task, case, workflow and causal identifiers.                          |
| Delivery    | Ordering key, duplicate/idempotency behavior, retry/dead-letter policy and retention. |
| Policy      | Authentication, authorization, releasability, tenancy and audit.                      |

# Operational rule

Consumers must tolerate duplicate delivery and should make state transitions idempotent. A bus acknowledgement proves transport handling, not mission success; application-level completion and failure events remain necessary.

# Release evidence

| 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 |

| Evidence type | Source              | Match    |
|---------------|---------------------|----------|
| path          | open-bus/app.js     | open-bus |
| path          | open-bus/index.html | open-bus |

# 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 15:11:17 UTC by Nexus Ops Administrator  
Updated 2026-08-28 15:11:17 UTC by Nexus Ops Administrator