

# OpenEyes

# OpenEyes

| Field              | Value                                                            |
|--------------------|------------------------------------------------------------------|
| Distribution       | BSS — OpenC5ISR                                                  |
| Product            | OpenC5ISR                                                        |
| Release            | 0.15.1                                                           |
| Deployment         | openc5isr.bss.dev                                                |
| Source             | /srv/bss/releases/OpenC5ISR-v0.15.0-20app                        |
| Evidence           | Catalog intent plus component-scoped static evidence             |
| Source fingerprint | 93926e8c834f1ed79c9017a4096f70c76d73ce4f870f104fbd0cf54b2bed50ee |
| 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 FPV, robot and UAS view that combines live camera, telemetry, control and sensor products for a selected operational asset.

## Operational value

Lets an operator move from a map object to its live perspective and captured products with minimal application switching.

# Differentiators

Live control, edge exploitation, persisted sensor products and workspace sharing are designed as one workflow rather than separate video and file systems.

## Platform connections

- OpenCOP
- OpenFiles
- OpenTask
- OpenPNT
- OpenAnalytics

## Release detection

| Status   | Score | Evidence items |
|----------|-------|----------------|
| detected | 174   | 12             |

| Evidence type | Source                                   | Match     |
|---------------|------------------------------------------|-----------|
| path          | README-OPENEYES.md                       | openeyes  |
| path          | drivers/README-RASPBOT-OPENEYES.txt      | openeyes  |
| path          | drivers/raspbot-openeyes.env.example     | openeyes  |
| path          | drivers/raspbot-openeyes.service.example | openeyes  |
| path          | drivers/raspbot_openeyes_agent.py        | openeyes  |
| content       | API.md                                   | openeyes  |
| content       | CHANGELOG.md                             | openeyes  |
| content       | OPENBUS.md                               | openeyes  |
| content       | OPENCOP.md                               | openeyes  |
| content       | OPENCYBERSEC.md                          | openeyes  |
| path          | open-eyes/app.js                         | open-eyes |
| path          | open-eyes/index.html                     | open-eyes |

# Candidate REST/API interfaces

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

# Candidate real-time interfaces

| Endpoint                       | Source                               | Evidence |
|--------------------------------|--------------------------------------|----------|
| [invalid URL]                  | tests/raspbot_agent_smoke_test.py    | url      |
| wss://relay.example/           | tests/openeyes_smoke_test.py         | url      |
| wss://relay.example/ws/raspbot | open-eyes/index.html                 | url      |
| wss://relay.example/ws/raspbot | public/open-eyes/index.html          | url      |
| wss://relay.example/ws/raspbot | tests/openeyes_smoke_test.py         | url      |
| wss://your-relay/ws/raspbot    | README-OPENEYES.md                   | url      |
| wss://your-relay/ws/raspbot    | drivers/raspbot-openeyes.env.example | url      |

# 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               |
| DATA_DIR                 | path.join(ROOT        | OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, RELEASE-MANIFEST-v0.14.0.json, UPGRADE-v0.14.0.md   |
| OPENBUS_API_TOKEN        | [REDACTED]            | OPENKNOWLEDGE-OPENTASK.md, OPENLVC-DEMO.md, OPENLVC-RTI.md, demo_simulator.py                    |
| OPENCYBERSEC_AGENT_TOKEN | [REDACTED]            | OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, server.js, examples/opencybersec/ingest-examples.sh |

| Variable                    | Default               | Evidence                                                                                         |
|-----------------------------|-----------------------|--------------------------------------------------------------------------------------------------|
| OPENCYBERSEC_OPERATOR_TOKEN | [REDACTED]            | OPENCYBERSEC-QUICKSTART.md, OPENCYBERSEC.md, server.js, examples/opencybersec/ingest-examples.sh |
| OPENSOF_BASE                | http://127.0.0.1:3000 | scenarios/run_openeyes_demo.py                                                                   |
| OPEN_EYES_API_BASE          | —                     | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_ASSET_ID          | ISAC-RASPBOT-01       | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_HTTP_TIMEOUT      | 3                     | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_LOG_LEVEL         | INFO                  | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_RECONNECT_DELAY   | 2                     | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_STATUS_INTERVAL   | 0.25                  | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_VERIFY_TLS        | true                  | drivers/raspbot_openeyes_agent.py                                                                |
| OPEN_EYES_VIDEO_FPS         | 15                    | drivers/raspbot_openeyes_agent.py                                                                |
| RASPBOT_LOCAL_URL           | http://127.0.0.1:6001 | drivers/raspbot_openeyes_agent.py                                                                |
| RASPBOT_WS_URL              | —                     | drivers/raspbot_openeyes_agent.py                                                                |
| RUN_ID                      | —                     | OPENCYBERSEC.md                                                                                  |
| TRACK_API                   | —                     | integrations/opencop-openeyes/patched-static/map.js                                              |

# Service candidates

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

# External dependencies/endpoints

| Host                      | URL                                | Source                               |
|---------------------------|------------------------------------|--------------------------------------|
| bss.dev                   | https://bss.dev/live/fpv-ctl/      | index.html                           |
| bss.dev                   | https://bss.dev/live/fpv-ctl/      | public/index.html                    |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/ | API.md                               |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/ | CHANGELOG.md                         |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/ | drivers/raspbot-openeyes.env.example |

| Host                      | URL                                                                   | Source                                                                  |
|---------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------|
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/api/pnt/positioning/POS-RASPBOT-LAB | drivers/openpnt_raspbot_client.py                                       |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/api/pnt/positioning/POS-RASPBOT-LAB | drivers/openpnt_raspbot_guidance.py                                     |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/open-eyes/                          | integrations/opencop-openeyes/README.md                                 |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/open-eyes/                          | integrations/opencop-openeyes/opencop-openeyes-client.js                |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/open-eyes/                          | integrations/opencop-openeyes/patched-static/index.html                 |
| loammhpng4.c36.airoapp.ai | https://loammhpng4.c36.airoapp.ai/open-eyes/                          | integrations/opencop-openeyes/patched-static/opencop-openeyes-client.js |
| opencop.c24.airoapp.ai    | https://opencop.c24.airoapp.ai/api/tracks                             | integrations/opencop-openeyes/patched-static/map.js                     |
| opencop.example           | https://opencop.example/api/tracks                                    | tests/openeyes_smoke_test.py                                            |

# 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 #2  
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