

# OpenNetworks

# OpenNetworks

| Campo                      | Valor                                                            |
|----------------------------|------------------------------------------------------------------|
| Distribuição               | WCT Portuguese — OpenC5ISR                                       |
| Produto                    | OpenC5ISR                                                        |
| Versão                     | 0.15.1                                                           |
| Implantação                | openc5isr-pt.wallacecorptech.com                                 |
| Fonte                      | /srv/wct/releases/OpenC5ISR-v0.15.0-20app-pt                     |
| Evidência                  | Intenção do catálogo mais evidência estática do componente       |
| Impressão digital da fonte | e92dc1580aa26f7545815bcf40300b21bc5485b0a2ae46a715538a48365cc801 |
| Estado                     | Linha de base gerada — revisão humana obrigatória                |

“ **Limite de verificação:** Esta página combina orientação de projeto da plataforma com evidências estáticas da distribuição. Ela não comprova que todas as interfaces detectadas estejam habilitadas, acessíveis, seguras ou operacionais no ambiente implantado.

## Finalidade

O módulo de modelagem e gerenciamento de redes implantadas para criar, configurar e operar dispositivos e topologias de rede virtuais e físicos.

## Valor operacional

Oferece às unidades uma forma prática de projetar, ensaiar, implantar e solucionar problemas de serviços de rede no mesmo conjunto de ferramentas operacionais.

# Diferenciais

Objetos de rede podem ser tratados como entidades operacionais, vinculados a missões, estado, tarefas, simulação e configuração automatizada.

# Conexões na plataforma

- OpenLVC
- OpenTask
- OpenCyberSec
- OpenCOP

# Detecção na versão

| Estado    | Pontuação | Itens de evidência |
|-----------|-----------|--------------------|
| detectado | 135       | 12                 |

| Tipo de evidência | Fonte                                                                    | Correspondência |
|-------------------|--------------------------------------------------------------------------|-----------------|
| caminho           | .opennetworks-backup-20260827T210646Z/ontology/README.md                 | opennetworks    |
| caminho           | .opennetworks-backup-20260827T210646Z/ontology/openaar-mr.ttl            | opennetworks    |
| caminho           | .opennetworks-backup-20260827T210646Z/ontology/opencybersec.ttl          | opennetworks    |
| caminho           | .opennetworks-backup-20260827T210646Z/ontology/opendaa-openanalytics.ttl | opennetworks    |
| caminho           | .opennetworks-backup-20260827T210646Z/ontology/opendaa-opendata.ttl      | opennetworks    |
| conteúdo          | server.js                                                                | opennetworks    |
| conteúdo          | lib/open-networks/agent-client.js                                        | opennetworks    |
| conteúdo          | lib/open-networks/compiler.js                                            | opennetworks    |

| Tipo de evidência | Fonte                                   | Correspondência |
|-------------------|-----------------------------------------|-----------------|
| conteúdo          | lib/open-networks/constants.js          | opennetworks    |
| conteúdo          | lib/open-networks/deployment-manager.js | opennetworks    |
| caminho           | lib/open-networks/agent-client.js       | open-networks   |
| caminho           | lib/open-networks/compiler.js           | open-networks   |

# Interfaces REST/API candidatas

Nenhuma rota REST específica do componente foi associada pelo scanner.

# Interfaces de tempo real candidatas

Nenhum endpoint WebSocket específico do componente foi associado pelo scanner.

# Candidatos de configuração

| Variável             | Padrão                                                                                              | Evidência                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| AEGIS_SENTINEL_LABEL | COMPILED_DEPLOYMENT.aegisSentine<br>lLabel).trim()   <br>COMPILED_DEPLOYMENT.aegisSentine<br>lLabel | server.js,<br>tools/integrate_opensof_service_entrie<br>s.py                                              |
| ANTHROPIC_API_KEY    | —                                                                                                   | server.js, lib/openllm/agents.js,<br>lib/openllm/providers.js                                             |
| API_BASE             | —                                                                                                   | open-rf/app.js, public/open-<br>networks/app.js, public/open-rf/app.js                                    |
| BACKUP_ROOT          | —                                                                                                   | modules/open-<br>networks/integration/install-module-<br>files.sh                                         |
| DATA_DIR             | path.join(ROOT                                                                                      | OPENCYBERSEC-QUICKSTART.md,<br>OPENCYBERSEC.md, RELEASE-<br>MANIFEST-v0.14.0.json, UPGRADE-<br>v0.14.0.md |

| Variável                           | Padrão                                    | Evidência                                                                                        |
|------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------|
| 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                                                                                        |
| 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                                                                                        |

| Variável                      | Padrão                           | Evidência                                                                                        |
|-------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| OPENISAC_HEALTH_URL           | —                                | server.js,<br>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                                                              |
| OPENLLM_OPERATOR_TOKEN        | [REDACTED]                       | server.js, lib/openllm.js                                                                        |
| OPENLLM_WORKSPACES_DIR        | path.join(ROOT                   | server.js                                                                                        |
| OPENLVC_HEALTH_URL            | —                                | server.js,<br>tools/integrate_opensof_service_entries.py                                         |
| OPENLVC_SERVICE_URL           | —                                | server.js                                                                                        |
| OPENMAIL_HEALTH_URL           | —                                | server.js,<br>tools/integrate_opensof_service_entries.py                                         |
| OPENMAIL_SERVICE_URL          | —                                | server.js                                                                                        |
| OPENNETWORKS_AGENT_SOCKET     | /run/opennetworks/agent.sock     | lib/open-networks/agent-client.js,<br>modules/open-networks/integration/native-server-example.js |
| OPENNETWORKS_AGENT_TIMEOUT_MS | 120000                           | lib/open-networks/agent-client.js,<br>modules/open-networks/integration/native-server-example.js |
| OPENNETWORKS_BODY_LIMIT_BYTES | 2 * 1024 * 1024                  | lib/open-networks/index.js                                                                       |
| OPENNETWORKS_DATA_DIR         | path.join(this.rootDir           | lib/open-networks/service.js,<br>modules/open-networks/integration/native-server-example.js      |

| Variável                  | Padrão                                                | Evidência                                                                                                                                 |
|---------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| OPENNWORKS_EXECUTION_MODE | simulate                                              | lib/open-networks/service.js, modules/open-networks/integration/native-server-example.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                                                                                                                                 |
| PORT                      | 3000                                                  | server.js, edge/openssa-sensor/local_server.js, lib/openrf-controller/server.js                                                           |
| PUBLIC_BASE_URL           | COMPILED_DEPLOYMENT.publicBaseU<br>rl).replace(//+\$/ | server.js                                                                                                                                 |
| RASPBOT_BROWSER_WS_URL    | —                                                     | server.js                                                                                                                                 |
| RASPBOT_CONTROL_URL       | —                                                     | server.js                                                                                                                                 |

| Variável                        | Padrão                               | Evidência                                                     |
|---------------------------------|--------------------------------------|---------------------------------------------------------------|
| 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 |
| SOURCE_ROOT                     | —                                    | modules/open-networks/integration/install-module-files.sh     |
| STAMP                           | —                                    | modules/open-networks/integration/install-module-files.sh     |

# Candidatos de serviço

Nenhuma definição de serviço específica do componente foi associada pelo scanner.

# Dependências/endpoints externos

| Host                             | URL                                       | Fonte                      |
|----------------------------------|-------------------------------------------|----------------------------|
| \${req.headers.host}             | http://\${req.headers.host}/              | server.js                  |
| openc5isr-en.wallacecorptech.com | https://openc5isr-en.wallacecorptech.com/ | server.js                  |
| opencop.c24.airoapp.ai           | https://opencop.c24.airoapp.ai/api/tracks | server.js                  |
| opennetworks.local               | http://opennetworks.local/                | lib/open-networks/index.js |
| opensof.local                    | https://opensof.local/graph/core          | server.js                  |

| Host          | URL                                                  | Fonte                                                                    |
|---------------|------------------------------------------------------|--------------------------------------------------------------------------|
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/openaar-mr.ttl            |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/opencybersec.ttl          |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/opendaa-openanalytics.ttl |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/opendaa-opendata.ttl      |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/openiia.ttl               |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/opensof-applications.ttl  |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/opensof-core.ttl          |
| opensof.local | https://opensof.local/ontology                       | .opennetworks-backup-20260827T210646Z/ontology/opensof-ontology.ttl      |
| opensof.local | https://opensof.local/ontology                       | server.js                                                                |
| opensof.local | https://opensof.local/ontology/applications          | .opennetworks-backup-20260827T210646Z/ontology/opensof-applications.ttl  |
| opensof.local | https://opensof.local/ontology/cyber                 | .opennetworks-backup-20260827T210646Z/ontology/opencybersec.ttl          |
| opensof.local | https://opensof.local/ontology/openaar-mr            | .opennetworks-backup-20260827T210646Z/ontology/openaar-mr.ttl            |
| opensof.local | https://opensof.local/ontology/opencybersec          | .opennetworks-backup-20260827T210646Z/ontology/opencybersec.ttl          |
| opensof.local | https://opensof.local/ontology/opendaa-openanalytics | .opennetworks-backup-20260827T210646Z/ontology/opendaa-openanalytics.ttl |
| opensof.local | https://opensof.local/ontology/opendaa-opendata      | .opennetworks-backup-20260827T210646Z/ontology/opendaa-opendata.ttl      |
| opensof.local | https://opensof.local/resource/                      | .opennetworks-backup-20260827T210646Z/ontology/openaar-mr.ttl            |



| Host          | URL                                                           | Fonte                                                                    |
|---------------|---------------------------------------------------------------|--------------------------------------------------------------------------|
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/opencybersec.ttl          |
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/opendaa-openanalytics.ttl |
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/opendaa-opendata.ttl      |
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/opensof-applications.ttl  |
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/opensof-core.ttl          |
| opensof.local | https://opensof.local/resource/                               | .opennetworks-backup-20260827T210646Z/ontology/opensof-ontology.ttl      |
| opensof.local | https://opensof.local/resource/                               | server.js                                                                |
| opensof.local | https://opensof.local/resource/RULE-GROUNDROBOT-GROUNDVEHICLE | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-GROUNDROBOT-OBJECT        | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-GROUNDROBOT-RF            | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-ANALYTICDECISION    | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-ANALYTICMODEL       | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-ANALYTICWORKFLOW    | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-DATALAKE            | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-DATASERVICE         | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-LVC-RUN             | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json  |

| Host          | URL                                                           | Fonte                                                                   |
|---------------|---------------------------------------------------------------|-------------------------------------------------------------------------|
| opensof.local | https://opensof.local/resource/RULE-HUMAN-LVC-SCENARIO        | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-NOTEBOOK            | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-OBJECT              | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-SCENARIO            | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-HUMAN-SYNTHETIC-VIEW      | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-SENSOR-OBJECT             | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-SOFTWARE-ANALYTICMODEL    | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-SOFTWARE-ANALYTICWORKFLOW | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-SOFTWARE-LVC-RUN          | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-SOFTWARE-LVC-SCENARIO     | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |
| opensof.local | https://opensof.local/resource/RULE-SOFTWARE-OBJECT           | .opennetworks-backup-20260827T210646Z/ontology/openknowledge-model.json |

## Lista de verificação

- Confirmar que o componente esteja incluído e habilitado nesta edição/versão.
- Registrar serviço autoritativo, processo/contêiner, porta, URL base e endpoint de saúde.
- Exercitar o fluxo principal do operador e registrar resultados esperados e reais.
- Verificar autenticação, autorização, auditoria, comportamento de erro e política de tratamento de dados.
- Verificar relações com OpenBus/OpenKnowledge e metadados de tempo/proveniência quando aplicável.
- Documentar limitações conhecidas e a versão em que forem corrigidas.

# Notas do Mantenedor

Adicione aqui notas de implantação revisadas por pessoas, correções, decisões, capturas de tela e links. O conteúdo fora do bloco gerado é preservado nas próximas execuções.

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Revision #1

Created 2026-08-28 15:06:35 UTC by Nexus Ops Administrator

Updated 2026-08-28 15:06:35 UTC by Nexus Ops Administrator