

systemd Services

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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	Release and readable host service definitions
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.

Observed service units

Unit	Description	User	Working directory	ExecStart	Restart	Evidence
opencybersec-agent.service	OpenCyberSec Defensive Edge Sensor Agent	opencybersec	–	/opt/opencybersec-agent/opencybersec_agent.py --config /etc/opencybersec-agent.json	on-failure	edge/opencybersec/systemd/opencybersec-agent.service

Unit	Description	User	Working directory	ExecStart	Restart	Evidence
openlvc-ais-bridge.service	OpenLVC AIS NMEA Bridge	rocketman	/opt/opensof/edge/openlvc	/usr/bin/python3 /opt/opensof/edge/openlvc/ais_nmea_bridge.py --opensof \${OPENSOF_URL} --token [REDACTED] --bind 0.0.0.0 --port 10110	on-failure	edge/openlvc/systemd/openlvc-ais-bridge.service
openlvc-dis-bridge.service	OpenLVC IEEE DIS UDP Bridge	rocketman	/opt/opensof/edge/openlvc	/usr/bin/python3 /opt/opensof/edge/openlvc/dis_udp_bridge.py --opensof \${OPENSOF_URL} --token [REDACTED] --bind 0.0.0.0 --port 3000	on-failure	edge/openlvc/systemd/openlvc-dis-bridge.service
openlvc-flightgear-bridge.service	OpenLVC FlightGear UDP Bridge	rocketman	/opt/opensof/edge/openlvc	/usr/bin/python3 /opt/opensof/edge/openlvc/flightgear_bridge.py --opensof \${OPENSOF_URL} --token [REDACTED] --bind 0.0.0.0 --port 5505	on-failure	edge/openlvc/systemd/openlvc-flightgear-bridge.service
openlvc-rti-gateway.service	OpenLVC OpenBus to HLA RTI Gateway	rocketman	/opt/opensof/edge/openlvc	/usr/bin/python3 /opt/opensof/edge/openlvc/rti_openbus_gateway.py --opensof \${OPENSOF_URL} --token [REDACTED] --federation \${OPENLVC_FEDERATION} --federate \${OPENLVC_FEDERATION} --sidecar-command \${OPENLVC_RTI_SIDE CAR_COMMAND}	on-failure	edge/openlvc/systemd/openlvc-rti-gateway.service

Unit	Description	User	Working directory	ExecStart	Restart	Evidence
openpnt-phc2sys@.service	OpenPNT linuxptp phc2sys instance %i	root	–	/opt/openpnt/bin/openpnt-linuxptp run phc2sys --instance /etc/openpnt/linuxptp/instances/%i.json --bin-dir /opt/openpnt/linuxptp/bin	on-failure	edge/openpnt-linuxptp/systemd/openpnt-phc2sys@.service
openpnt-ntp4l@.service	OpenPNT linuxptp ntp4l instance %i	root	–	/opt/openpnt/bin/openpnt-linuxptp run ntp4l --instance /etc/openpnt/linuxptp/instances/%i.json --bin-dir /opt/openpnt/linuxptp/bin	on-failure	edge/openpnt-linuxptp/systemd/openpnt-ntp4l@.service
openpnt-ts2phc@.service	OpenPNT linuxptp ts2phc instance %i	root	–	/opt/openpnt/bin/openpnt-linuxptp run ts2phc --instance /etc/openpnt/linuxptp/instances/%i.json --bin-dir /opt/openpnt/linuxptp/bin	on-failure	edge/openpnt-linuxptp/systemd/openpnt-ts2phc@.service
openrf-agent.service	OpenRF Radio Agent	OPENRF_USER	/opt/openrf-agent	/usr/local/bin/openrf-agent --config /etc/openrf/openrf-agent.json	always	openrf/agent/systemd/openrf-agent.service
openc5isr-bss-opensof.service	OpenC5ISR - opensof.bss.dev	bss-ops	/srv/bss/instances/opensof/current	/usr/local/bin/npm start	on-failure	/etc/systemd/system/openc5isr-bss-opensof.service

Authoritative deployment checklist

- Copy unit files to /etc/systemd/system only from a reviewed release/deployment source.
- Run systemctl daemon-reload after unit changes, then enable/start the intended instance.
- Use a dedicated non-login service account with read-only release access and only required persistent-state permissions.

- Set WorkingDirectory and absolute ExecStart paths; do not depend on an interactive shell profile.
- Add health-aware dependencies and restart limits so a bad backend does not create a restart storm.

Verification commands

```
systemctl cat <unit>.service
systemctl status <unit>.service --no-pager
systemctl show <unit>.service -p User -p Group -p WorkingDirectory -p ExecStart
journalctl -u <unit>.service -n 200 --no-pager
```

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 15:11:00 UTC by Nexus Ops Administrator

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