

systemd Services

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Field	Value
Distribution	WCT English — OpenC5ISR
Product	OpenC5ISR
Release	0.15.1
Deployment	openc5isr-en.wallacecorptech.com
Source	/srv/wct/releases/OpenC5ISR-v0.15.0
Evidence	Release and readable host service definitions
Source fingerprint	63d2b1097707e25d666401cdc6362e395968600a40a08690210cd8c0b75fbf50
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-ptp4l@.service	OpenPNT linuxptp ptp4l instance %i	root	–	/opt/openpnt/bin/openpnt-linuxptp run ptp4l --instance /etc/openpnt/linuxptp/instances/%i.json --bin-dir /opt/openpnt/linuxptp/bin	on-failure	edge/openpnt-linuxptp/systemd/openpnt-ptp4l@.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-wct-en.service	OpenC5ISR WCT English Node.js Server	wct-ops	/srv/wct/instances/openc5isr-en/current	/usr/local/bin/npm start	on-failure	/etc/systemd/system/openc5isr-wct-en.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

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