

One app, every workspace

Osprio View hosts every OSDP job in one tabbed app — in any Chromium browser over WebUSB, or as a native desktop app. Each workspace below does one thing well, with more on the way; the full feature breakdown and docs live at **osdp.dev**.



Capture

OSDP PROTOCOL ANALYZER

Sniff a live RS-485 bus and decode every OSDP command and reply — live or from a saved capture.

- Live capture + full packet decode
- Secure channel live decryption
- PD-address filters & start triggers
- Auto-stop on count, time or match
- Fold POLL/ACK noise · drop stats
- Export .ovb (encrypted) for offline review



Emulator

OSDP EMULATOR

Stand in as a controller or a reader with full secure channel, and script its behaviour on the bus.

- Live PD status — secure channel
- Action cards: commands & events
- Repetitions, sequences, triggers
- Event log + device-side logs
- Full PD capabilities emulation
- OSDP file transfer support



Provisioner

OSDP PROVISIONING TOOL

Commission readers on the bus — set address and baud, key the secure channel, and verify it landed.

- Live quick-step or offline batch
- Offline autonomous provision tours
- Set address, baud & secure channel key
- Each key-set verified before acceptance
- Per-PD batch progress & retries
- Export keys — CSV / JSON; custom integrations



Conformance

OSDP CONFORMANCE TESTING

Drive a structured test plan against a device and take away repeatable, archivable evidence.

- Test driven by 2 Osprio Minis
- Semi- & fully-automated runs
- Human-in-the-loop prompts
- CI regression guard per build
- Eases SIA OSDP Verified
- Archivable signed PDF audit reports



See the full product page

Features, specs, tiers and docs

osdp.dev/products/osprio-view