

State-grade situational awareness, in your control.

Protoworks Defence fuses multi-sensor open-source intelligence, satellite collection, and field operations into one auditable common operating picture — deployable on your own infrastructure.

THE PLATFORM · SENSOR TO COURTROOM

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| 01 | COLLECT
Multi-source sensor fusion into one observation stream you own. |
| 02 | TASK
Satellite, SAR & drone collection cued the moment an indicator trips. |
| 03 | SEE
One live geospatial picture — every capability renders into it. |
| 04 | REASON
On-sensor ML resolved into a standards-based knowledge graph. |
| 05 | ACT
Autonomous watch, triggered alerts, plan & brief on TAK. |
| 06 | GOVERN
Sealed custody and a tamper-evident audit trail that holds in court. |

CAPABILITIES · EIGHT OPERATIONAL SURFACES

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| 01 | GEOINT
SAR that sees through cloud and cover, automated satellite tasking and cueing, machine-learning activity and entity detection, and maritime & RF intelligence, fused into one geospatial picture. |
| 02 | SENSORS
Custom and integrated sensors: multi-band fusion processed at the edge, covert field deployment, open adapters. |
| 03 | OSINT DATASTREAMS
Source taxonomy, real-time collection and enrichment with end-to-end provenance. |
| 04 | GRAPH INTELLIGENCE
Entity resolution, link analysis and pattern-of-life across people, places and networks. |
| 05 | DRONES & AUTONOMY
Monitoring, target tracking, autonomous patrol and incident overwatch. |
| 06 | FORCE MANAGEMENT
Fleet, unit and soldier management: echelon hierarchy, METT-TC and each level's datastreams. |
| 07 | WEARABLES
Soldier biometrics over a body-area network: position and vitals telemetry. |
| 08 | VEHICLES
Vehicle platforms: onboard sensors, telemetry datastreams, sensor-coverage and customization. |

EVIDENCE & ACCOUNTABILITY

- 01 Provenance and chain of custody, sealed from the sensor onward.
- 02 Need-to-know, deny-by-default access through one decision point.
- 03 Every read attributed to an authorised operator and case.
- 04 Tamper-evident audit, admissible end to end.

DEPLOYMENT · RUNS WHERE THE MISSION RUNS

CLOUD

Fully hosted for teams that want managed infrastructure and elastic scale.

ON-PREM

A single server for a small team, or horizontal scale for a metro control room.

EDGE APPLIANCE

Inference and reception at the sensor; holds traffic and forwards when the link returns.

AIR-GAPPED · SOVEREIGN

Full deployment inside isolated networks for sovereign and classified environments.