



AERIALSRV

AUTONOMOUS DRONE SHARED SERVICE PLATFORM



- Rapid deployment
- Evidence-grade reporting
- Local jobs & training

Delivering measurable citizen impact across multiple MDAs

Health • Infrastructure • Environment • Agriculture • Safety • Revenue



AerialsrV at a glance

A single platform that delivers services across ministries, departments and agencies (MDAs)

State Drone Shared Services



2

What the State gets

Shared Services (SLA readiness)

- Guaranteed capacity for priority missions
- Standard operating procedures and reporting
- Governance and compliance-ready operations

Impact + Accountability

- Geo-tagged evidence packs for decisions
- Faster response times for citizens
- Transparent monitoring of projects and assets



Multi-MDA coverage



Rapid deployment



Donor-ready reporting



IGR opportunities

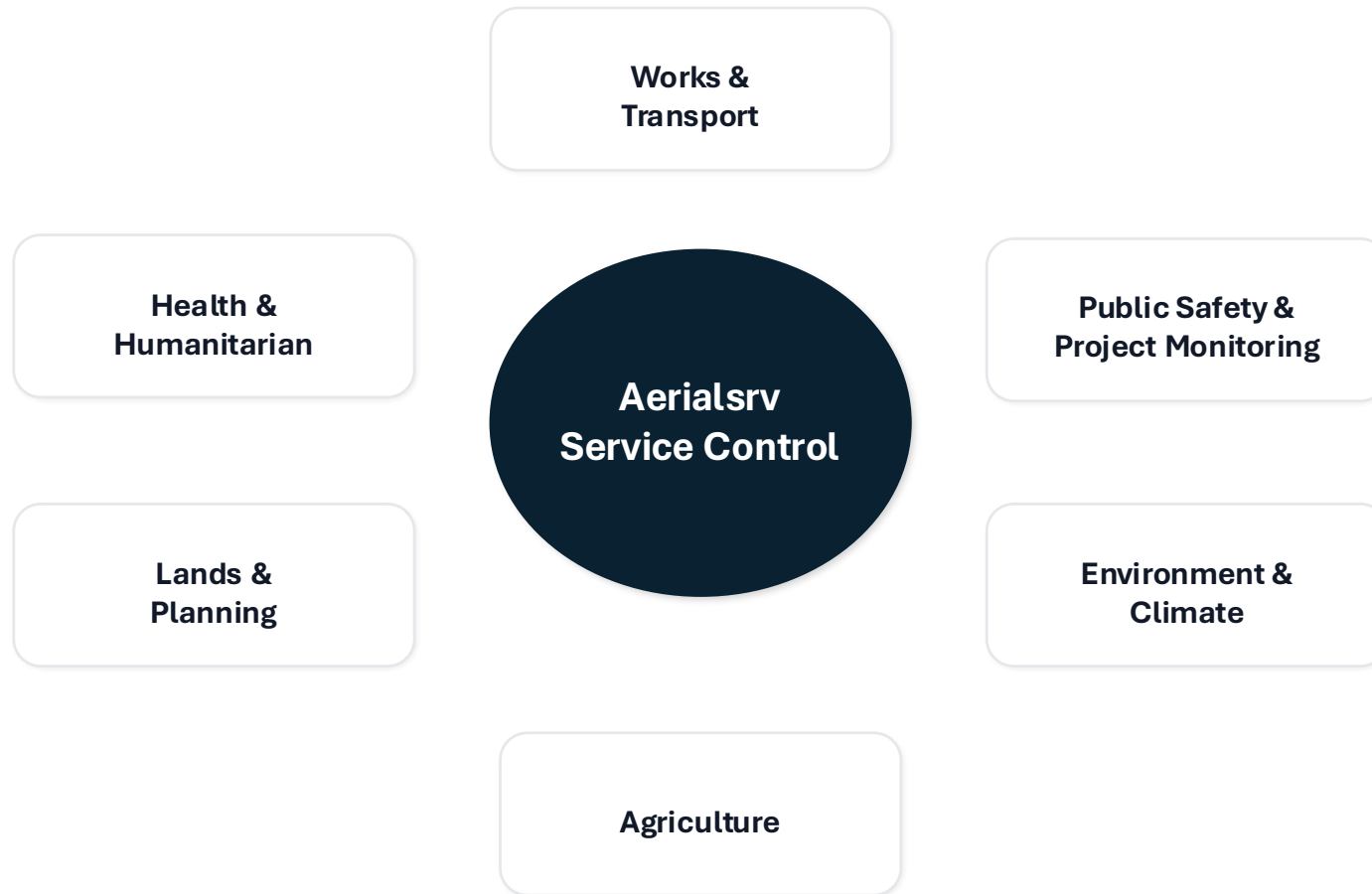


One platform • Multiple sectors • Coordinated delivery

A shared drone service that supports priority state outcomes without duplicating infrastructure across MDAs

State Drone Shared Services

Governance first design: Single Operational Standard, Unified Reporting, and Controlled Data Access, while each MDA receives the outputs it needs.





Use cases that matter to citizens

- Emergency logistics for critical supplies and referrals
- Sample return / pickup support with chain-of-custody logs
- Last-mile delivery to hard-to-reach communities (subject to approvals)
- Rapid aerial assessment during outbreaks and humanitarian response
- Dashboards and service logs for transparency and oversight

Outcome: faster response, better coverage, stronger reporting



What it enables

Works & Transport

- Road condition surveys and corridor inspections
- Bridge and drainage checks (visual + thermal options)
- Traffic and safety hotspot analysis (approved use)

Project Assurance

- Geo-tagged progress verification and evidence packs
- Milestone validation for contractors and funders
- Executive dashboards for monitoring & evaluation



Lands, mapping & evidence-based planning

Orthomosaics, corridor mapping, change detection and asset verification

State Drone Shared Services



Planning & land administration use cases

- Parcel & boundary verification support
- Change detection for encroachment / right-of-way
- City & community mapping for planning
- Asset verification for revenue and auditing
- Evidence packs for dispute reduction

Deliverables

Orthomosaic maps • 3D models • Asset registers • Corridor reports • GIS layers • Executive dashboards





Capabilities

- Flood/erosion monitoring & rapid assessment
- Coastal and riverine patrol support
- Deforestation / illegal activity monitoring support
- Incident mapping and routing support for responders
- Donor-ready climate resilience reporting

Outcome: better preparedness + faster response + stronger evidence



Agriculture & food security

Farm enumeration, crop health monitoring, intervention verification and smart spraying support

State Drone Shared Services



What this unlocks

- Faster farmer enumeration and program targeting
- Crop health monitoring and yield insights
- Verification of inputs and interventions
- Aerial spraying support (where approved)
- Reporting for donors and state executives

Outcome: measurable productivity + transparent program delivery



Approved-use mission types

- Traffic corridor monitoring and incident detection
- Emergency scene visuals for coordination
- Search support and rapid assessment in disasters
- Event monitoring and crowd safety support
- Evidence packs for investigations and reporting

Outcome: faster decisions, safer roads, stronger coordination





Sustainability: generate IGR by selling approved services

State oversight + shared infrastructure + private-sector demand (e.g., Oil & Gas, utilities, construction)

State Drone Shared Services

How the model works

- 1) The State procures a shared-service retainer for readiness & capacity.
- 2) MDAs consume services through a single platform and reporting standard.
- 3) The State offers approved services to regulated private-sector users.
- 4) Revenues support scale, maintenance, training and citizen service delivery.

Private-sector demand examples

Oil & Gas inspections • Utilities • Ports • Construction • Telecom towers • Industrial sites



Donor funding pathway: SDG-aligned, measurable outcomes

The platform supports multi-sector programs that map directly to SDGs and produce audit-ready evidence

State Drone Shared Services



SDGs supported

- 1 No Poverty
- 2 Zero Hunger
- 3 Good Health & Well-being
- 4 Quality Education
- 6 Clean Water & Sanitation
- 8 Decent Work & Economic Growth
- 9 Industry, Innovation & Infrastructure
- 11 Sustainable Cities & Communities
- 13 Climate Action
- 5 Gender Equality
- 7 Affordable & Clean Energy
- 10 Reduced Inequalities
- 12 Responsible Consumption & Production
- 14 Life Below Water
- 15 Life on Land
- 16 Peace, Justice & Strong Institutions
- 17 Partnerships for the Goals

Donor-ready outputs

Baselines • KPIs • Geo-evidence • Dashboards • Audit trails • Periodic reports



Technology built for scale across MDAs

Two complementary aircraft types + sensor payloads + reporting platform

State Drone Shared Services

Long-range VTOL (Fixed-wing)



Designed for: long corridors, coastal patrols, large-area mapping

Typical performance (configuration-dependent):

- Range: 80–200 km
- Cruise: 90–140 km/h
- Payload: 2–6 kg

Sensors: RGB mapping camera • thermal (optional) • multispectral (optional)

High-payload multirotor



Designed for: inspection, logistics, rapid response, urban ops

Typical performance (configuration-dependent):

- Radius: 10–30 km
- Speed: 40–70 km/h
- Payload: 2–10 kg

Sensors: zoom camera • thermal • spotlight/speaker (approved)



Governance, safety and reporting

Operational controls designed for government use: audit trails, role-based access and service logs

State Drone Shared Services



Built for executive oversight

- Mission logs and dispatch records
- Geo-tagged photos/video evidence packs
- KPIs and SLA performance reporting
- Incident reporting and follow-up actions
- Controlled data access for MDAs
- SOPs and safety case documentation

Outcome: trust, transparency and operational discipline



Training + jobs: build state capacity

AerialsrV develops local talent for piloting, operations, maintenance and GIS

State Drone Shared Services



Local content pathway

- Pilot training & certification support
- Mission operations and dispatch
- Maintenance technicians and QA
- GIS / data analysts and reporting
- Customer success and MDA liaisons

Partnerships: state institutions, polytechnics and youth programs

Outcome: quality employment + sustainable state capability



Implementation roadmap (typical 90-day start)

Move from alignment → pilots → SLA operations → scale across MDAs

State Drone Shared Services



Weeks 1-4

Alignment & design

Stakeholders • priority corridors • approvals planning • SOPs

Weeks 5-8

Proof-of-value pilots

Demonstrations • initial missions • reporting templates • feedback

Weeks 9-12

SLA operations

Retainer/SLA • dashboards • scale plan by MDA demand



Next steps

- 1) Select 2–3 priority use cases and corridors
- 2) Run a proof-of-value pilot with executive reporting
- 3) Agree an SLA shared-service retainer and scale to additional MDAs

Contact: akino@aerialsrv.com • +234 708 897 6155
www.aerialsrv.com