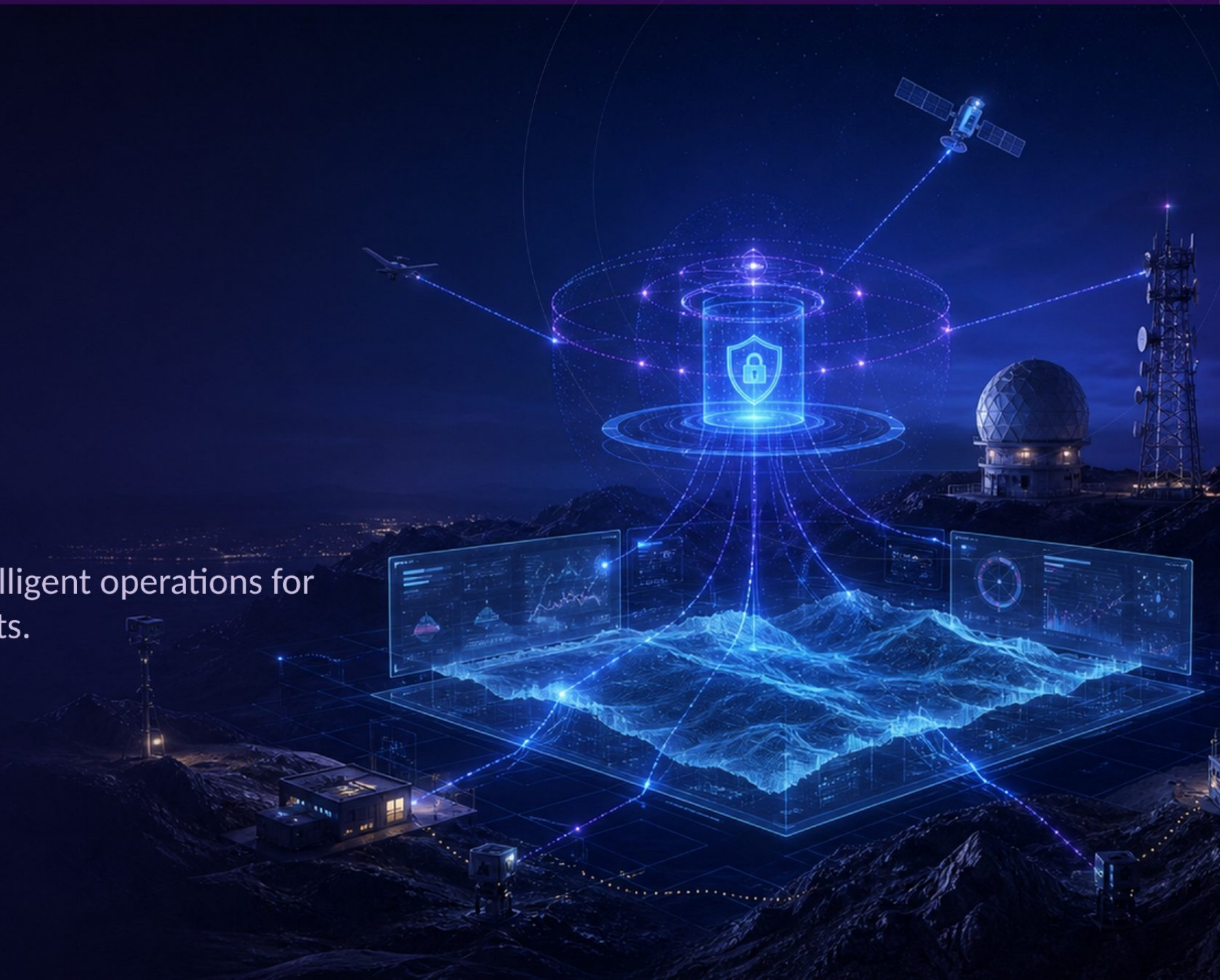




Defence

Secure, connected, and intelligent operations for mission-critical environments.

Secure • Connected • Intelligent





Industry Overview

Defence organizations are modernizing under two pressures at once — legacy systems that cannot share data, and adversaries operating at digital speed.

Situational awareness now depends on how quickly sensor data becomes a decision. That makes secure connectivity, command intelligence, and sovereign infrastructure the foundation of operational readiness.

70%

MILITARY SYSTEMS STILL
DEPENDENT ON LEGACY
INFRASTRUCTURE

~40% YoY

GROWTH IN CYBERATTACKS
AGAINST DEFENCE
ORGANIZATIONS

>35%

ANNUAL GROWTH IN ISR
DATA VOLUMES



Key Challenges

Legacy infrastructure, fragmented data, and escalating cyber threat are limiting decision speed and operational readiness across every domain.

Legacy infrastructure and technology silos

Systems built for a previous era cannot share data, forcing manual reconciliation between commands.

Escalating cyber threat

Attacks on defence networks are rising sharply, targeting both classified and supporting infrastructure.

Data growth outpacing analysis

ISR and sensor data expands faster than the capacity to process it into intelligence.

Incomplete situational awareness

Sensor, surveillance, and field data arrive in separate streams, delaying the picture commanders act on.

Secure communication under constraint

Mission communications demand encryption, resilience, and low latency in environments with no fixed infrastructure.

Readiness eroded by equipment downtime

Unplanned maintenance on platforms and systems reduces availability when it is needed most.



The Cost of Standing Still

Every year of delay compounds cost, risk, and lost readiness across the force.

70%

SYSTEMS DEPENDENT ON LEGACY INFRASTRUCTURE

~40%

ANNUAL RISE IN CYBERATTACKS ON DEFENCE

15–25%

READINESS LOST TO EQUIPMENT DOWNTIME

>35%

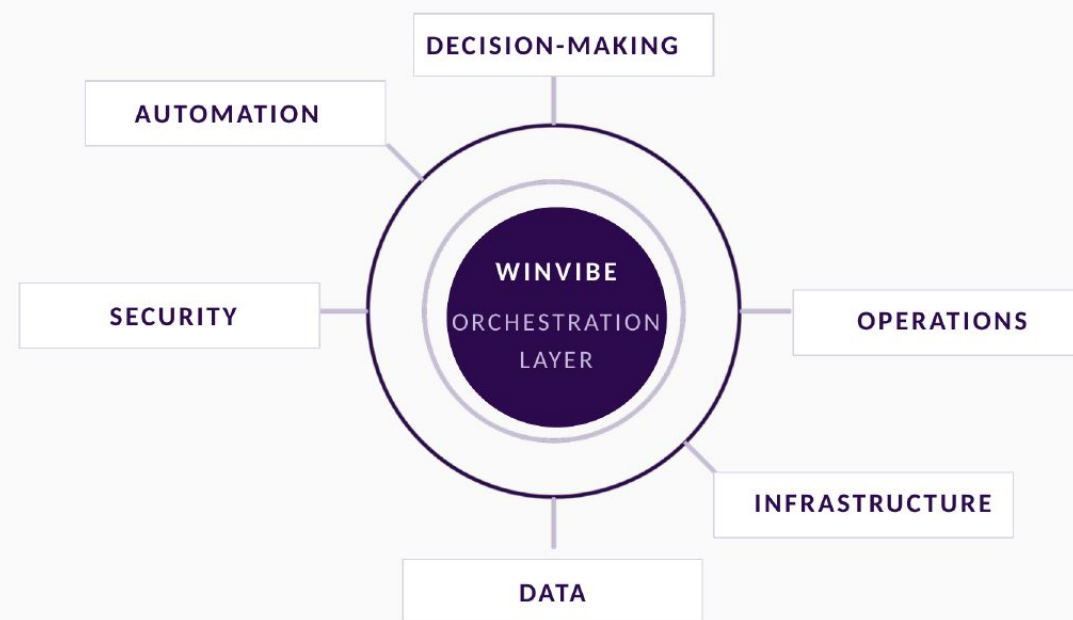
ANNUAL ISR DATA GROWTH OUTPACING ANALYSIS



How WinVibe Solves Them

WinVibe operates as the orchestration layer across your entire operating environment, connecting infrastructure, data, and decision-making into one intelligent ecosystem.

Decision-Making	live situational intelligence that turns sensor data into faster command decisions.
Operations	unified visibility across bases, forward locations, and field units.
Infrastructure	secure, sovereign connectivity extended to fixed and deployed environments.
Data	fragmented sensor, surveillance, and logistics systems consolidated into one trusted source.
Security	zero-trust protection embedded across every layer, classified and supporting.
Automation	autonomous systems and predictive maintenance sustaining readiness at scale.





Secure Connectivity & Deployed Infrastructure

Mission-grade communications across fixed bases and forward locations.

Private 5G and edge infrastructure

Secure, low-latency connectivity with SIM-based access control and fully air-gapped deployment where required.

Access, policy and privileged control

Authentication, authorization, and full session auditability across every network element.

Intelligent site and perimeter management

Layered detection, controlled access, and continuous monitoring of strategic communication nodes.



Command, Visibility & Cyber Defense

Unified situational awareness and secure control across every domain.

01

Integrated command centre

Sensor, surveillance, and field data correlated into one shared operational picture.

02

SOC and zero-trust defense

Continuous threat monitoring with protection embedded across classified and supporting networks.

03

Unified network management

Fault, performance, and configuration control across multi-vendor communications infrastructure.



08 / MISSION INTELLIGENCE

Autonomous Systems & Mission Intelligence

Turning sensor data into decisions, and removing people from hazard.

01 / AUTONOMY

Autonomous and remote operations

Drones, unmanned vehicles, and remote systems coordinated from a protected location.

02 / READINESS

AI predictive maintenance

Platform and equipment failures predicted before they reduce operational availability.

03 / SIMULATION

Immersive training and digital twin

Holographic terrain briefing and scenario simulation for complex, high-risk operations.



Transformation & Lifecycle Support

Guiding strategy, delivery, operations, and continuous optimization.

01 / SHAPE

Advisory and architecture roadmap

Sovereign architecture, compliance-led planning, and a clear modernization sequence.

02 / CONNECT

Cloud, edge and hybrid orchestration

Integrated platforms operating together across secure data centre, edge, and deployed environments.

03 / SUSTAIN

Managed operations and optimization

24x7 monitoring, managed operations, and continuous improvement beyond deployment.





Use Cases & Outcomes

SMART BATTLEFIELD COMMAND CENTRE

60%

Faster decision cycles through correlated situational awareness

BORDER SURVEILLANCE WITH AI & DRONES

24/7

Persistent monitoring across extended perimeters

SECURE MISSION COMMUNICATIONS

<10ms

Latency for real-time coordination in deployed environments

PREDICTIVE DEFENCE MAINTENANCE

40%

Reduction in equipment downtime affecting readiness

CYBER DEFENCE OPERATIONS

60%

Faster threat response through integrated SOC operations

LEGACY MODERNIZATION

30–40%

Efficiency gain from consolidating siloed systems



Why WinVibe

Outcome accountability

Our commercial model is built on measurable results such as readiness gains, downtime avoided, and reduced integration effort, not delivery milestones.

Speed to value

Pilot to scale in months, not years, backed by a proven playbook and prebuilt integrations.

Vendor-neutral by design

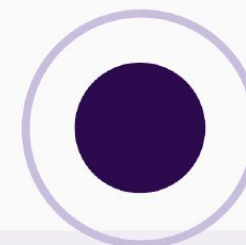
We are not tied to any single OEM roadmap, giving you long-term flexibility across your technology stack.

Security and AI, built in

Zero-trust architecture and AI-native monitoring from day one, never bolted on after the fact.

Solution Lifecycle Partnership

One accountable partner across strategy, deployment, operations, and continuous optimization





LET'S TALK

Let's build the defence operations of tomorrow, today.

Schedule a strategy session with our Defence team.



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DEFENCE