



Telecom & Infrastructure

Building autonomous, monetizable, and secure operator networks.





Industry Overview

Telecom operators and ISPs now carry far more traffic, services, and enterprise customers than legacy architectures were built to handle. Automation is the competitive edge: operators that predict faults, monetize new services, and run more network with fewer staff outperform peers still managing multi vendor estates manually.

WinVibe helps operators move from reactive operations to proactive, monetizable, AI-driven network ecosystems.

\$3,048B

Global telecom revenue
(2025)

5.4% CAGR

Sector growth (2026–
2032)

\$77B

Operator investment in AI



Key Challenges

Multi vendor complexity, manual assurance, and silent revenue leakage are constraining operators' ability to rapidly launch, secure, and monetize services across core, access, and enterprise edge. Strategic automation is required to scale safely and profitably.

Downtime that costs by the hour

Legacy assurance misses proactive fault prediction; hourly outages can carry seven-figure consequences.

Revenue leaking silently

Fraud, roaming abuse, and untracked sessions erode margin without appearing on dashboards.

A network under constant attack

Continuous DDoS, signalling, and API attacks make telecom a high-risk sector.

Fragmented OSS and BSS

Siloed manual stacks leave no single source of operational truth across vendors and domains.

Churn without early warning

Lack of real-time subscriber intelligence prevents early intervention to retain customers.

Enterprise demand outpacing capability

Private networks, edge services, and managed offerings require capabilities many operators haven't yet built.



The Cost of Standing Still

Every year of delay compounds cost, risk, and lost revenue across the network.

\$2M

Cost per hour of telecom network downtime

\$41.8B

Annual global telecom fraud losses

40–60%

Fault prediction missed by legacy assurance

60%+

Operators still running siloed, manual OSS





How WinVibe Solves Them

WinVibe operates as the orchestration layer across your entire network estate — connecting infrastructure, data, and decision-making into one intelligent ecosystem that enables prediction, monetization, and secure automation.

Decision-Making

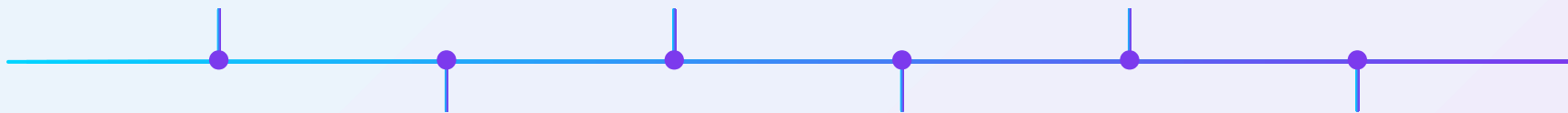
Live network and subscriber intelligence that turns raw data into faster, confident action.

Infrastructure

Secure connectivity extended across core, access, and enterprise edge.

Security

Zero-trust protection embedded across network, subscriber, and API layers.



Operations

Unified assurance and fulfilment across every vendor and domain to reduce manual toil.

Data

Fragmented OSS/BSS and subscriber systems consolidated into one trusted source.

Automation

AI-driven fault prediction, ticketing, and service activation at scale.



Network Connectivity & Access

Secure, monetizable connectivity across operator and enterprise networks.



Public and Private 5G

Cloud-native 5G Standalone core with vendor-neutral radio integration for both operator and enterprise networks.

Carrier Wi-Fi and session management

Authenticated, policy-controlled, monetizable wireless access at carrier scale with session visibility and charging controls.

Access, policy and charging

Vendor-neutral authentication, policy control, and converged charging across every network element to enable new revenue streams.



Assurance, Command & Security

Unified monitoring and secure control across network, subscribers, and infrastructure.

Unified NMS and OSS

Fault, performance, inventory, and provisioning across multi-vendor, multi-domain networks with a single pane of glass.

Integrated NOC, SOC and command centre

Network, security, and infrastructure operations coordinated in one real-time environment for faster, aligned response.

Zero-trust network defense

Continuous threat monitoring and least-privilege access control across network, subscriber, and API layers.



I-Driven Network Intelligence

Turning network and subscriber data into prediction, protection, and revenue.

AI predictive fault management

Alarm correlation and root-cause analysis that reduce isolation time from hours to minutes.

Subscriber & revenue intelligence

Real-time churn prediction, fraud detection, and usage analytics derived from live network telemetry.

Intelligent site & asset management

Continuous monitoring, drone inspection, and predictive retasking across tower estates to lower CapEx and accelerate deployments.



Transformation & Lifecycle Support

Guiding strategy, delivery, operations, and continuous optimization across the entire network lifecycle.

1

Advisory and architecture roadmap

Network modernization strategy, target architecture, and a costed business case to de-risk transformation.

2

Cloud, edge and hybrid orchestration

Integrated platform operations across data centre, cloud, and edge to present one managed estate.

3

Managed operations and optimization

24x7 NOC, service desk, and continuous improvement beyond go-live to sustain ROI.



Use Cases & Outcomes

Concrete operator outcomes driven by WinVibe deployments.



AUTONOMOUS NETWORK OPERATIONS

65% — Faster mean time to resolution with AI-assisted fault management



PRIVATE 5G FOR ENTERPRISE

22% — Annual growth in enterprise private network demand



REAL-TIME FRAUD DETECTION

40–60% — Reduction in fraud losses through AI anomaly detection



WI-FI MONETIZATION

30–40% — ARPU growth from monetized managed wireless access



NETWORK PLANNING & SITE MANAGEMENT

20–30% — Capital savings through GIS-led planning and site intelligence



UNIFIED OSS CONSOLIDATION

18–24% — Operating cost savings from consolidating siloed stacks



Why WinVibe

Five reasons operators choose WinVibe — commercial accountability, speed, neutrality, security, and partnership.

Outcome accountability

Commercial models tied to measurable results — uptime gains, OpEx savings, and reduced revenue leakage.

Speed to value

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

Vendor-neutral by design

Not tied to any single OEM roadmap — ensuring long-term flexibility across your stack.

Security and AI, built in

Zero-trust architecture and AI-native monitoring from day one — never retrofitted.

Solution lifecycle partnership

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

LET'S TALK



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

Schedule a strategy session with our Telecom & Infrastructure team.



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LOCATION

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