

One view of every network, every vendor.

Unify fault, performance, inventory, and provisioning across multi-vendor networks. WinVibe delivers a telco-grade, TM Forum-aligned OSS that turns fragmented network data into reliable service assurance — proven at Tier-1 scale.

OVERVIEW

When your network tools work against each other.

Operators and enterprises run networks built from many vendors, technologies, and equipment generations. Each vendor arrives with its own element manager, its own alarms, and its own data model. Teams end up switching between consoles to answer a single question: what is broken, and who does it affect?

The cost is measured in service quality. Faults are found late, root cause takes hours to isolate, and capacity planning depends on data no one fully trusts. Provisioning a new service means manual coordination across teams that cannot see the same network.

WinVibe's NMS/EMS platform removes that fragmentation. It unifies network and element management into one telco-grade OSS, combining service assurance and service fulfilment on a single TM Forum-aligned platform. AI-assisted correlation and predictive analytics work across that unified model, so teams act on the fault that matters rather than the thousand alarms around it.

ARCHITECTURE

One platform. Four managed layers.

Network Layer — Multi-Vendor Elements

IP/MPLS routers and switches, GPON, UBR, microwave, satellite nodes, servers, and infrastructure devices.

Mediation Layer — Vendor Adapters

SNMP v1/v2/v3, CORBA/TMF-814, REST, SOAP/XML, CLI, and file-based collection normalized to TMF and ITU-T standards.

OSS Platform — Assurance & Fulfilment

Discovery and active inventory, fault management, RCA and service impact analysis, performance management, configuration and spare management, order management, circuit design, provisioning and activation.

Experience Layer — Operations & Integration

Role-based dashboards, SLA reporting, trouble ticketing, and open northbound APIs to GIS, CRM, RFMS, help desk, and ERP.

WHY NMS / EMS

CAPABILITY	WINVIBE NMS/EMS	VENDOR EMS	POINT MONITORING	IN-HOUSE SCRIPTS
Vendor coverage	Multi-vendor, multi-domain	Single vendor only	Partial, protocol-limited	Custom per device
Inventory	Active, auto-discovered	Device level only	Manual or none	Spreadsheet-based
Root cause analysis	Correlated, service-aware	Alarm list only	Threshold alerts	Manual
Service provisioning	Integrated fulfilment	Not supported	Not supported	Manual
Standards alignment	TM Forum SID, TMF-814, X.731	Proprietary	Proprietary	None
Scale	Tier-1 national networks	Per domain	Mid-size	Limited

KEY FEATURES

Built for the demands of multi-vendor network operations.

Unified discovery, fault, performance, and provisioning, with AI-assisted analysis across all of it — the foundation for reliable service assurance in any multi-vendor network.



Auto-Discovery & Active Inventory
Continuously discovers devices, ports, and topology, so inventory reflects the live network rather than last quarter's records.



AI-Assisted Fault Management & RCA
Correlates and suppresses alarms using AI-driven analysis to expose the true fault and the services it affects, cutting isolation time from hours to minutes.



Predictive Performance Management
Aggregates performance data across domains and applies predictive analytics, so planners prevent congestion instead of reacting to it.



Service Provisioning & Activation
Designs and activates end-to-end circuits with automated path computation, shortening service delivery cycles.



SLA Management & Dashboards
Measures availability and quality against contracted service levels, making performance defensible to customers and regulators.



Open Integration
Connects to GIS, CRM, RFMS, help desk, and ERP through SNMP and OpenAPI northbound interfaces.

INDUSTRIES WE SERVE

Telecom & Infrastructure

Energy & Utilities

Defence

Mining

Banking & Finance

Government & Public Sector

Healthcare, Medicine & Pharma

Manufacturing & Distribution

WHY WINVIBE

Network management expertise that goes beyond the platform.



Multi-Vendor by Design
Mediation adapters normalize any vendor EMS, so new equipment joins your operating model instead of fragmenting it.



Standards-Aligned Architecture
Built on TM Forum SID, TMF-814, and X.731 models, protecting your investment as networks and vendors change.



Assurance and Fulfilment Together
Most platforms deliver one or the other. We deliver both on one data model.



Proven at National Scale
Deployed on Tier-1 operator networks spanning routers, GPON, microwave, and satellite nodes.



AI-Assisted Operations
Predictive analytics and automatic ticketing move teams from reactive firefighting to planned intervention.



Solution Lifecycle Expertise
From discovery and integration through NOC operations and optimization, one team supports every stage.

Ready to see your whole network in one place?

Whether you are consolidating vendor EMSs, building a new NOC, or replacing manual assurance processes, our experts are ready to understand your requirements and recommend the right solution.

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