

Vantage Fiber brings OpenVault's proven proactive network maintenance discipline to fiber and PON deployments — giving network, operations, and leadership teams a single pane of glass from OLT health scores to individual ONT diagnostics, so problems are found and fixed *before subscribers ever call*.

- **Reactive, complaint-driven truck rolls to sites with preventable faults**
- Subscriber churn from undetected optical signal degradation
- **Slow root cause identification across OLT, PON port, and ONT layers**
- Manual network sweeps that delay response to plant health issues
- Siloed data that prevents field, care, and leadership teams from acting on the same view

PLATFORM

Key Capabilities

Dashboard & KPIs

- Real-time network health score
- Daily ONT status & trends
- Worst PON ports — last 24 hrs
- Optical power impaired ONTs
- Failed birth certificates
- Highest FEC error reporting

ONT Diagnostics

- Single-pane ONT view with alarms
- Rx/Tx optical power & laser temp
- In-house vs. OSP impairment
- BIP & FEC error counts
- Correlation group analysis
- One-click work order creation

Geolocation & Mapping

- OLT, PON port & ONT on map
- Health score per node
- Serving area visualization
- Drill down: OLT → PON → ONT
- Nearby ONT comparison view
- Subscriber address overlay

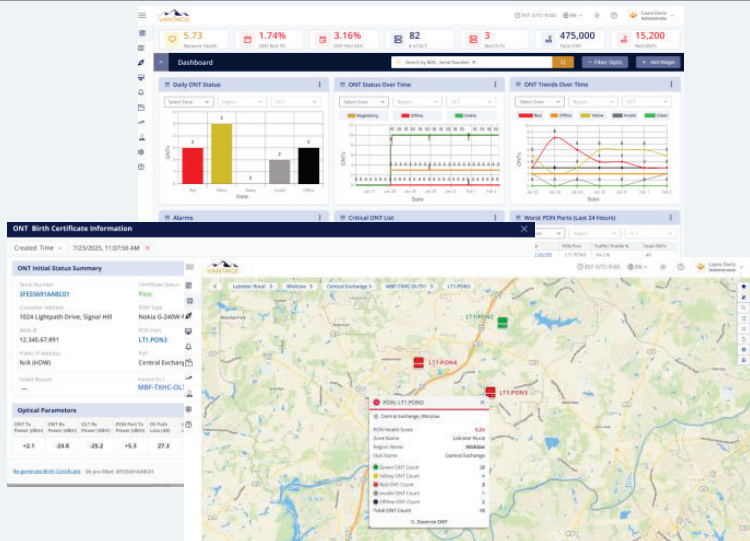
Alarms & Automation

- Operator-defined smart thresholds
- Webhook & API notifications
- Full alarm history log
- Birth certs — pass/fail at install
- Service health by region & OLT
- Automated network sweeps

PLATFORM

See It In Action

ONE PLATFORM



Installation Teams

- Higher first-pass-fix, fewer truck rolls
- Mobile app parity with web platform
- Birth certificates at every install
- ONT detail & nearby ONT comparison

OSP Maintenance Teams

- Correlate impairments, prioritize what's critical
- Detect optical degradation early
- Geolocation-based impairment isolation
- US/DS impairment correlation
- End-to-end visibility, OLT to ONT

Customer Care Teams

- Fewer inbound calls & complaints
- Ticket routing for non-technical staff
- AI Smart Button — plain-English root cause
- Fix steps without escalation

Leadership Teams

- Global, regional & local KPI reports
- Reduced OPEX via workforce efficiency
- Lower churn through higher QoE
- Lower MTTR across all regions

15+ Years of Industry Leadership

OpenVault serves 70+ broadband operators in the US, Europe, APAC and LATAM markets. No other company knows more about leveraging data from cable and fiber broadband networks to optimize subscriber quality of experience. Learn how OpenVault can make a significant difference in managing and improving your fiber network performance and associated cost challenges.

