

# NetOps Command™

## ML-Powered Network Intelligence Platform



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*"Where network operations meet predictive intelligence"*

# Product Overview

NetOps Command transforms traditional network operations into an intelligent, predictive discipline through advanced machine learning and real-time analytics. This comprehensive platform continuously analyzes network behavior, automates routine tasks, predicts potential issues before they impact users, and provides actionable recommendations for optimization—all through an intuitive, real-time intelligence dashboard.

## Key Features



### ML-Powered Analytics

- Self-learning network baseline with anomaly detection
- Predictive fault identification with root cause analysis
- Performance trend analysis with capacity forecasting
- Behavioral analytics for security threat detection



### Predictive Maintenance

- Component failure prediction with 94% accuracy
- Proactive remediation recommendations
- Automated health checks and diagnostics
- Lifecycle management with replacement planning



### Intelligent Automation

- Intent-based configuration with natural language processing
- Automated remediation of common issues
- Change management with impact prediction
- CI/CD pipeline integration for network infrastructure



### Real-Time Intelligence Dashboard

- Executive-level metrics with business impact correlation
- Technical deep-dive capabilities with one-click drill-down
- Customizable views for different stakeholder needs
- Natural language querying for network insights

## Technical Specifications

| Feature           | Specification                                       |
|-------------------|---|
| Data Collection   | Agent-based and agentless with API integration      |
| Supported Devices | 15,000+ models across 120+ vendors                  |
| Data Ingestion    | Up to 1 million metrics per second                  |
| Storage           | Intelligent tiering with hot/warm/cold architecture |
| Machine Learning  | Custom models with continuous training              |
| Integration       | Ticketing, ITSM, CI/CD, Cloud platforms             |
| Automation        | Python, Ansible, Terraform, Custom workflows        |
| Visualization     | Customizable dashboards, reports, and alerts        |

## Deployment Scenarios

### Enterprise Network Modernization

Transform legacy network operations into a proactive, data-driven discipline with comprehensive visibility and automated optimization.

### Multi-Cloud Network Management

Gain unified visibility and control across hybrid and multi-cloud environments, ensuring consistent performance and security across your distributed infrastructure.

### Service Provider Operations

Enhance service delivery and customer experience through predictive maintenance, automated remediation, and performance optimization at scale.

### DevOps Integration

Bridge the gap between network operations and application delivery by integrating network intelligence into CI/CD pipelines and providing API-driven network automation.

## ROI Impact

- **87%** reduction in mean time to repair (MTTR)
- **62%** decrease in network-related outages
- **74%** improvement in issue resolution time
- **43%** reduction in operational expenses

## Advanced Capabilities

### Digital Twin Simulation

Create a virtual replica of your network infrastructure to simulate changes, test configurations, and predict outcomes before implementation in production.

## AI Network Advisor

Receive ongoing optimization recommendations based on performance trends, utilization patterns, and industry best practices, with automated implementation options.

## Experience Quality Management

Monitor and optimize end-user experience with application-aware performance metrics, synthetic testing, and correlation between network performance and business outcomes.

## NetOps Intelligence Center

Our comprehensive command center provides unprecedented visibility:

- **Network Health Score™** - Composite real-time evaluation of performance, security, and reliability
- **Predictive Analytics** - Visualization of trends and forecasts with configurable time horizons
- **Automation Dashboard** - Tracking of automated actions with approval workflows and audit trails
- **Business Impact Analysis** - Correlation between network metrics and business KPIs

## Compliance & Certification

- EU AI Act Compliant
- SOC2 Type II Certified
- ISO 27001 Certified
- ITIL 4 Compatible
- TM Forum Frameworkx Aligned
- GDPR Compliant