



# VELORONA.AI™ – PREDICTIVE OUTAGE INTELLIGENCE FOR NETWORK OPERATIONS

Predict Network Outages Before They Impact Your Subscribers

*A non-intrusive, read-only intelligence layer designed to detect early degradation signals and reduce operational impact across live telecom networks.*



## THE OPERATIONAL PROBLEM

Telecom networks remain largely reactive:

- Outages detected after customer impact or complaint escalation
- NOC teams overwhelmed by alarms with low signal-to-noise ratio
- Root cause identified too late, increasing MTTR and SLA penalties
- Telemetry, topology, and KPIs remain siloed across tools and teams



## THE VELORONA APPROACH

Predictive signals designed for real network operations – not lab demos.

- Early Outage Signaling: Identifies degradation across RAN, transport, and edge layers before service impact
- Context-Aware Correlation: Combines live telemetry with load and environmental patterns
- Zero-Risk Deployment: Runs in read-only shadow mode with no traffic or workflow disruption
- NOC-Ready Outputs: Insights aligned with operational KPIs and existing workflows



## ENGINEERED FOR LIVE NETWORKS

- Built on telecom-grade architecture validated in urban, multi-tower environments
- Optimized for edge deployments including NVIDIA Jetson and carrier-grade gateways
- Designed for 24/7 mission-critical operations and real-world network constraints



## PROPOSED PILOT – LOW RISK, OPERATIONAL FOCUS

A structured pilot to validate impact before any production integration:

- Phase 1 – Scope & KPIs
- Target outage scenarios, success metrics, and operational boundaries
- Phase 2 – Shadow-Mode Deployment
- Non-intrusive, read-only ingestion on selected network segments
- Phase 3 – Performance & ROI Validation
- Evaluation of MTTR reduction, detection accuracy, and operational impact
- Outcome:
- A clear deployment blueprint backed by measured operational results.

**Request a Strategic Pilot Discussion**