

NETIAD

Presents:

NIS

Netiad Integrated Systems

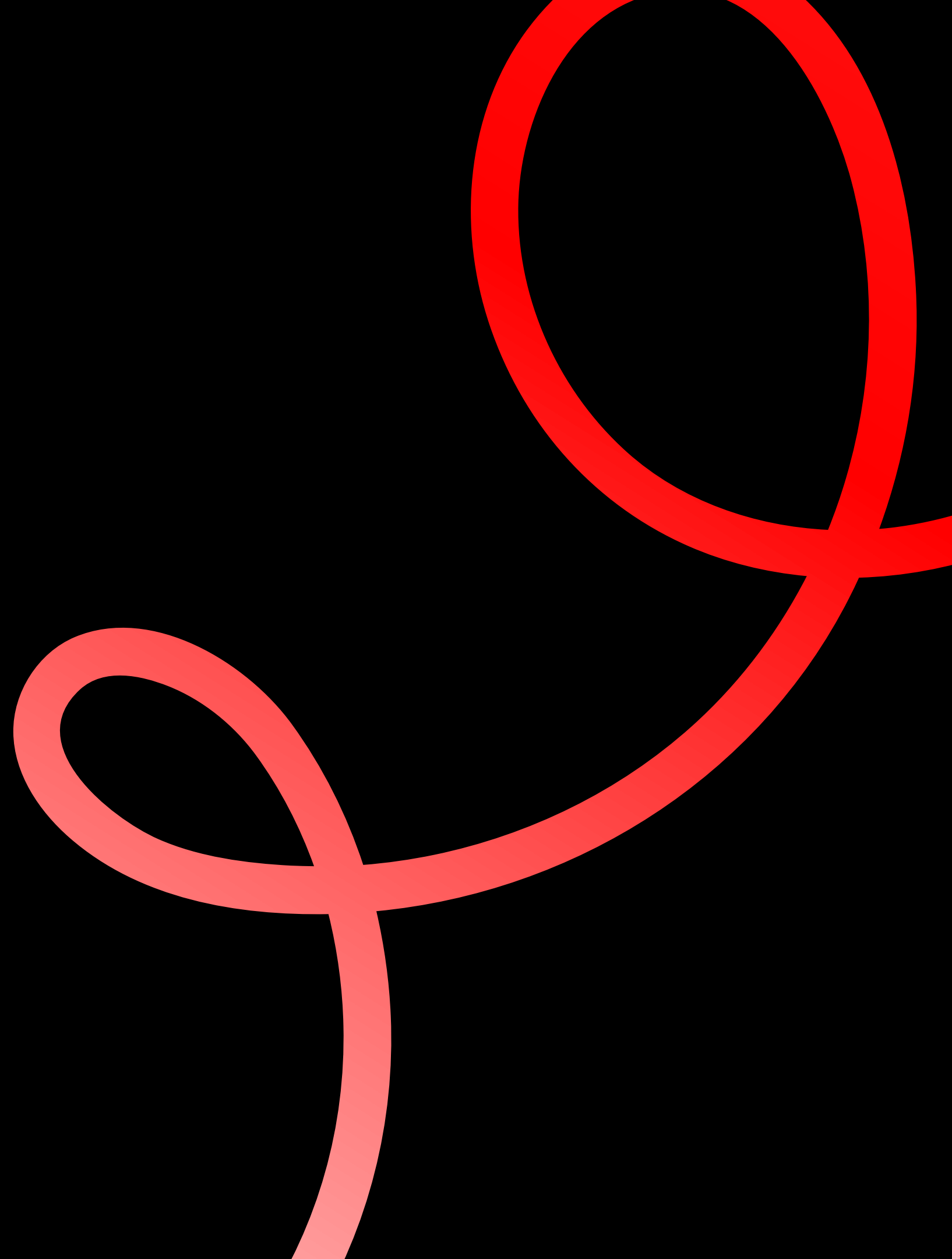


About NIS

Most mining operations today are data-rich but insight-poor. While your equipment generates gigabytes of data daily, the high cost and complexity of legacy systems (like AVEVA) often leave this resource untapped.

Netiad Integrated Systems (NIS) solves this "Gap". We do not just sell software; we provide Operational Outcomes.

Whether it is predicting a motor failure before it halts production or tracking fuel costs in real-time, our proprietary "Light" Industrial Intelligence suite is built specifically for agile, mid-sized, and junior mining operations.



Why NIS?

- 1** Action Over Archiving: We don't just store data; we sell insights, such as reducing fuel consumption or extending asset life.
- 2** Predictive, Not Reactive: Move from "fixing what's broken" to "fixing what's about to break" using our AI-driven Remaining Useful Life (RUL) estimators.
- 3** True "Zero-Tool" Deployment: Our hardware ecosystem is designed for rapid deployment without expensive cabling or downtime.
- 4** Cost Transparency: Unlike the opaque pricing of legacy vendors, NIS offers a clear, tiered structure that scales with your growth, eliminating per-tag penalties.

The NIS App Ecosystem:

Our proprietary application delivers a "Cockpit" view of your entire value chain, accessible via Mobile and Web.

Operational Health (APM)

Keep your assets running longer and safer.

"Traffic Light" Status System: A visual, single-pane dashboard (Green/Yellow/Red) for every asset, allowing managers to assess mine health at a glance.

AI-Driven RUL Estimator: A countdown clock for critical components (bearings, motors), displaying the estimated hours until servicing is required.

Automated Root Cause Diagnostics: When a limit is breached, the system doesn't just alert you; it diagnoses the issue (e.g., "High vibration detected: Check alignment/lubrication").

Production and Yield Tracking

Maximize every ton extracted.

Digital Logbooks: Replace paper with automated or manual entry for daily ore extraction, grade quality, and waste ratios.

Real-Time OEE Metrics: Automated calculation of Overall Equipment Effectiveness (Availability \times Performance \times Quality) to benchmark shift performance.

Operational Cost Tracker: Live input of fuel, labor, and consumable costs versus current market ore prices, giving you a real-time view of shift profitability.

Unbreakable Connectivity

Built for the reality of remote sites

Edge-Sync Protocol: Our app uses a local database architecture that ensures 100% functionality without internet.

Operations never stop; data simply auto-reconciles with the cloud once a signal is detected.

Secure Access: Biometric and ID logins with multi-tier permissions (Owner, Foreman, Worker) ensure data integrity and prevent tampering.

The Hardware Layer (IoT): **We provide the physical "senses"** **for your digital brain.**

Multi-Modal Nodes:

Single-unit sensors that monitor Tri-axial Vibration, Surface Temperature (-40C to +125C), and Humidity.

Long-Range LoRaWAN:

Capable of transmitting data up to 5km in open pits or 1km underground, ensuring total site coverage.

5-Year Lifespan:

Low-power design ensures sensors run for years without maintenance.

Implementation Roadmap

We deploy in weeks, not months.

Site Audit: We identify critical assets and "blind spots" in your current data collection.

"Zero-Tool" Install: Magnetic sensor deployment requires no drilling or shutting down equipment.

App Configuration: We set your specific safety thresholds and OEE targets.

Go Live: Immediate data flow to your NIS Dashboard.

Ready to unlock your mine's potential?

Choose stability with

NIS



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