



# Image Insights: AI Context Extraction and Inference

Multimodal AI that replaces manual visual inspection with structured reports, real-time risk alerts, and automated compliance documentation.

## Turn high volumes of visual data into structured inspection reports, risk alerts, and compliance documentation, automatically.

Manual visual inspection is slow, inconsistent, and difficult to scale. In regulated industries where inspection quality directly affects compliance and risk posture, that gap is expensive. This engagement deploys a multimodal AI system that analyzes imagery and video at scale, identifying what is in an image, determining what it means, and triggering the right action.

- Image and video ingestion and labeling pipeline for your asset types and data sources
- Multimodal AI model tuned using Claude and AWS Nova Pro and Sonic
- Structured inspection reports and real-time risk alerts
- Compliance documentation generated automatically
- Integration with ERP, CMMS, EMR, and other business systems

**Timeline:** 4 to 8 weeks.

**Pricing:** Scoped per engagement. Contact us.

## Get Started Today

Contact us at [sales@newmathdata.com](mailto:sales@newmathdata.com) to schedule an introduction.

### Customer Commitment

- Imagery samples and representative data for model tuning
- Access to relevant business systems for integration
- Subject matter input from operations and compliance stakeholders

### Who Should Participate

- Operations leads
- Compliance and risk stakeholders
- IT and architecture leads

### Benefits

- Up to 80% reduction in manual inspection time
- Consistent, structured, audit-ready inspection outputs
- Findings flow directly into existing business systems

### Deliverables

- Ingestion and labeling pipeline for your asset types
- Tuned AI model for your imagery and inspection use cases
- Structured inspection and risk reports
- Business system integration (ERP, CMMS, EMR, and others)