

# PREDICTIVE MAINTENANCE

Maximize operational uptime and equipment life with Computer Vision.



The cost of machine downtime results in \$647B in lost productivity each year.

## Anticipate and address potential equipment issues before they interrupt operations

### HOW IT WORKS

Predictive maintenance requires organizations to collect and analyze terabytes of data to glean insights that can detect system failure early. When powered by Computer Vision and AI, camera sensors can process terabytes of unstructured data more quickly than humans to detect failures in advance. Predictive maintenance shortens the Mean Time to Know (MTTK) and speeds preventative action.

### BENEFITS

## Realize cost savings by leveraging AI-driven predictive maintenance

By combining Computer Vision visual inspection with predictive analytics, government agencies can increase asset availability and reduce costs.

- ✓ 35% to 50% reduction in maintenance costs.
- ✓ 70% to 75% reduction in breakdowns.
- ✓ 45% to 60% reduction in downtime.
- ✓ 30% reduction in spare parts inventory.

## Gain continuous visibility into asset health and take control of your operations

### Equipment monitoring

Automated alerts notify you when equipment repairs are needed. Anticipate the health of fleets of vehicles, aircraft, and shipboard assets in advance. Identify which equipment is at greatest risk of failing, allowing maintenance teams to respond accordingly.

### Maintenance scheduling

Coordinate maintenance activities with real-time insights on asset, system, or component health. When integrated with a cloud-based data processing framework, errors are instantly flagged and the response can be automatically coordinated.

### Improve safety

Reduce accidents caused by harmful equipment malfunction. Lengthen time to inspection in hazardous, remote areas, and contribute to employee safety.

### Asset efficiency

Protect expensive assets. Keep your capital investments in operation longer by preventing harmful breakdowns and delay capital expenditures.

## Schedule a demo.

We can help you advance your AI projects. [Contact us](#) to learn about our platform.