

Sirius Plant Analyzer:

AI-Powered Construction Equipment Inspection – Fast, Accurate, Hassle-Free

Plant Analyzer is an advanced **AI vision solution** that transforms how construction companies inspect and maintain their heavy equipment. Designed for fleet managers, rental services, and insurance assessors, it detects dirt build-up, dents, rust, cracks, and paint wear in seconds – replacing slow, inconsistent manual inspections.

The result? **Faster turnaround, reduced maintenance costs, and greater safety compliance.**



Why Use Plant Analyzer?

- **Instant Analysis:** Detects dirt and defects in under 5 seconds
- **Multi-Equipment Coverage:** Works with excavators, dozers, dumpers, and rollers
- **Precision Detection:** Rates dirt severity (Light, Medium, Heavy) and pinpoints exact locations
- **Comprehensive Checks:** Identifies dents, rust, cracks, and paint wear
- **No Training Required:** Simply take a photo – the AI does the rest



How Plant Analyzer Helps Your Business?

- **Save Hours:** Cut inspection time from 45 minutes to 1 minute
- **Prevent Expensive Repairs:** Catch issues early before they escalate
- **Eliminate Human Error:** Enjoy consistent, objective assessments
- **Maintain Complete Records:** Get automated, timestamped inspection logs
- **Boost Equipment Lifespan:** Prioritise timely cleaning and repairs



How It Works?

1. **Capture:** Snap photos or videos of your equipment.
2. **Analyse:** AI scans for dirt and defects in seconds.
3. **Report:** Get visual reports with severity ratings.
4. **Track:** Monitor condition with automated logs.

What We Detect?

Dirt Analysis

- 3 severity levels (Light, Medium, Heavy)
- Precise location mapping
- Cleaning priority recommendations

Defect Detection

- **Dents** – Structural damage assessment
- **Cracks** – Safety-critical issue identification
- **Paint Wear** – Aesthetic and protective coating evaluation

About Sirius App

Sirius App is a trusted enabler of digital transformation, specialising in building apps that enable digital agility and improve customer satisfaction by adding functionality, futureproofing systems, and designing for individuality. Our services include web portal development, web and app design, and digital marketing.

Cut inspection time and costs with **Plant Analyzer's** AI.

Spot hidden issues early and keep your fleet running at its best.

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