

Perceptual  Robotics



Perceptual Robotics: Modular Inspection Solutions that you can trust

Whether you are an Owner, Operator, Manufacturer or Independent Service Provider, we are committed to creating reliable systems and providing a high level of service and quality that bring value to your business.



Cutting Edge

Pioneers in automated inspections with 2 patents so far, we are continuously improving our systems



Reliability

Trusted by global leaders in OO, OEM and ISP segments with thousands of turbines inspected



Core Expertise

Our team is comprised of experts on Wind, Robotics, Artificial Intelligence and Cloud Technologies



Visionaries

At the forefront of global wind turbine inspections since 2016 with our autonomous Dhalion system



In the dynamic landscape of the renewable energy sector, we take the lead in addressing a spectrum of challenges.

Limited Inspection Capacity

Inability to inspect multiple turbines per day, bottlenecks in inspection schedules

Inconsistent Data Quality

Variability in data accuracy, inconsistent results leading to poor decision-making

Dependence on Specialised Personnel

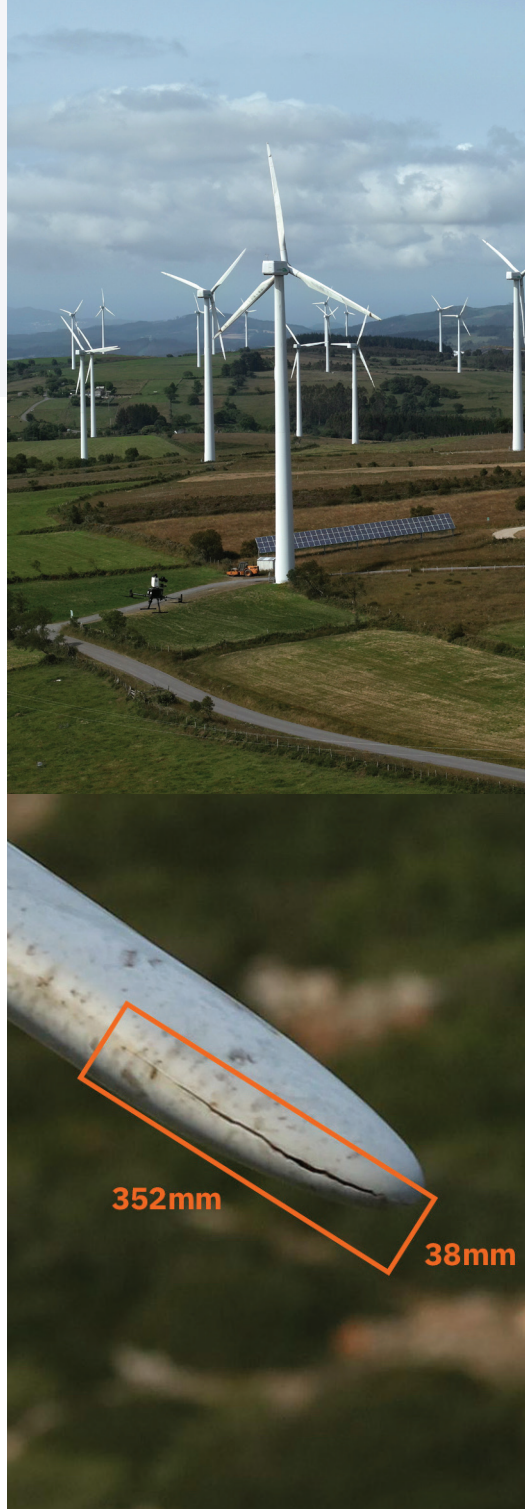
Over-reliance on highly trained teams, challenges in upskilling existing workforce

High Operational Costs

Expensive deployments, high transportation and accommodation costs for inspection crews

Slow Data Processing

Delays in data collection, processing, and annotation, slow reporting turnover



Our mission is to provide innovative solutions for industry problems.

Simplifying complex processes boosting predictability and efficiency for fast decision-making

Optimised Resource Allocation

- **Optimised Maintenance:** Efficient planning reduces downtime and extends equipment life.
- **Team Upskilling:** Enhances resource use and cuts reliance on specialists.

Fast Data Collection

- **Quick Inspections:** Fast data collection boosts efficiency and cuts downtime.
- **High Quality, Consistent Reports:** Reliable data enables quick decisions, maintaining operational continuity.

Self-service Versatility

- **Self-serve Drone Inspections:** Empower teams with minimal training, cut specialists, accelerate timelines.
- **Blades and So Much More:** Inspect all wind farm assets at no extra cost.

Cost Efficiency

- **Zero-cost Deployments:** Low upfront costs, transportation and team mobilisation costs are eliminated.
- **Proactive Savings:** Ad-hoc inspections prevent future costly damages, saving on budget.

Comprehensive Inspection Coverage

- **Independent Inspections:** Assess damage after storms, when unusual sounds are detected, and both before and after repairs.
- **Detailed Damage Overview:** Obtain insights beyond what full-service agreements typically cover, ensuring thorough evaluations.





Specifically designed to revolutionise inspections on-site, EVE addresses every site manager’s needs.

Portability	Easily fits into a backpack for effortless transportation even on commercial flights.
Ease of Use	No complex set-ups – ready for immediate deployment.
Quick Deployments	Perform immediate inspections to identify potential damages and ensure timely maintenance.
Flexibility	Adaptable to various inspection needs, environments and scheduling.
Fast Reporting	Ensures transparent reporting and actionable insights within 48hours.
High-Quality Results	Our AI Identifies 14% more damages.
Web Portal	Full access to data for analysis and damage tracking.



Owner

Operator

Manufacturer

Service Provider

Unlock the Power of Your Data With Us



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