

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 its main challenges.

Inspection of Massive Infrastructures

Onshore and Offshore Wind Turbines, Solar Panels, Power Lines, Met Masts

Difficult Environments

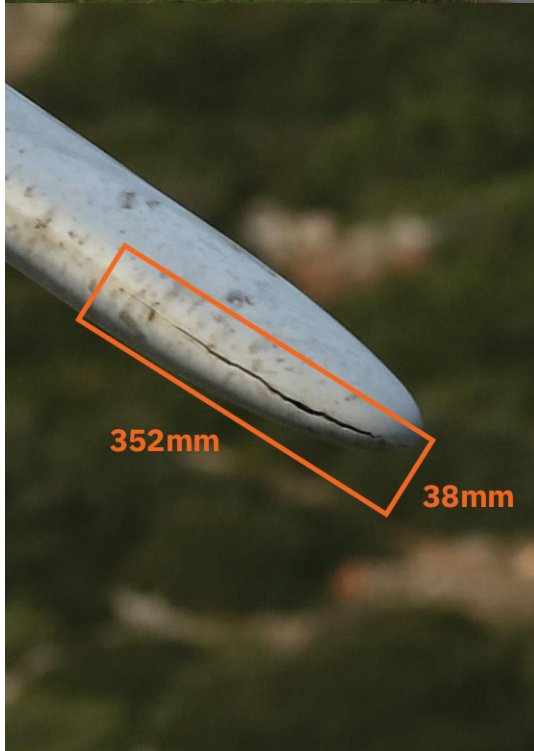
On site health and safety risks (weather conditions, location, height)

Handling Data of Thousands of Turbines

Data collection, processing, annotation, storage

Scarcity of skilled workforce

Dealing with multiple trained teams in many areas



Our mission is to produce innovative solutions to industry problems, making complex processes simple, predictable and efficient, creating measurable, long-term impact.

Self-service System

User friendly inspection solution for in-house usage, with DJI drone and our patented software for automated path planning and data collection.

AI & Machine Learning Damage Detection

Our technology analyses inspection data from various sources and reliably identifies damage. Consistent, early damage detection helps reduce O&M costs.

Web Data Management & Analytics

Portal for data management and fleet analysis. Gain total control of each damage and the whole fleet.



Inspection Services

End to End operations from our team and partners for inspection of your assets.





Unleashing Unprecedented Value, Tailored to Your Needs

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| Pioneering Efficiency | Mobilise teams within 2 days, and complete 20-minute inspections, reducing wind turbine downtime. |
| Cost Effective Scaling | Witness the operational advantages of this system through upskilling your teams: achieve 10 inspections per person daily with up to 50% inspection cost reductions. |
| Results in 48 Hours | Your reports, images and annotated data accessible and downloadable in the portal. |
| Maximise Production, Minimise Costs | Identify 14% more damages with our AI technology, resulting in Blade O&M cost reductions of up to 28%. |
| Flexibility | Improve scheduling efficiency by using your own teams and package with your existing offerings for more competitive solutions. |
| Right Tool for Your Jobs | Resolve issues with end of warranty and insurance claims. Get accurate repair quotes and monitor the quality of repairs. |



Owner

Operator

Manufacturer

Service Provider

Unlock the Power of Your Data With Us



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