

**Perceptual Robotics** is a technology company based in Bristol, UK, dedicated since 2016 to delivering cutting-edge solutions for autonomous wind turbine inspections, both onshore and offshore.

Our advanced systems have reliably inspected and processed data from thousands of wind turbines (blades and towers) for leading clients such as **Enel, EDF UK, RWE**, and numerous drone and repair service providers worldwide..



### Dhalion: EVE Compact Solution for Site Managers

An easy-to-use autonomous solution for wind turbine inspections, with **zero logistical hassle, minimal costs, and no third parties required.**

Pair it with our **AI-powered data processing** for actionable **results delivered within 48 hours.**

**Fully travel-ready:** batteries are approved for commercial flights.

Just **one turbine stop** is all it takes to inspect all three blades and four sides.

**Just Press Play and Inspect!**

### Dhalion: DOT High Quality Solution for Big Inspection Volumes

Dot can inspect an entire turbine in just **20 minutes**, significantly reducing downtime. **Only one turbine stop** is needed to inspect all three blades and all four sides.

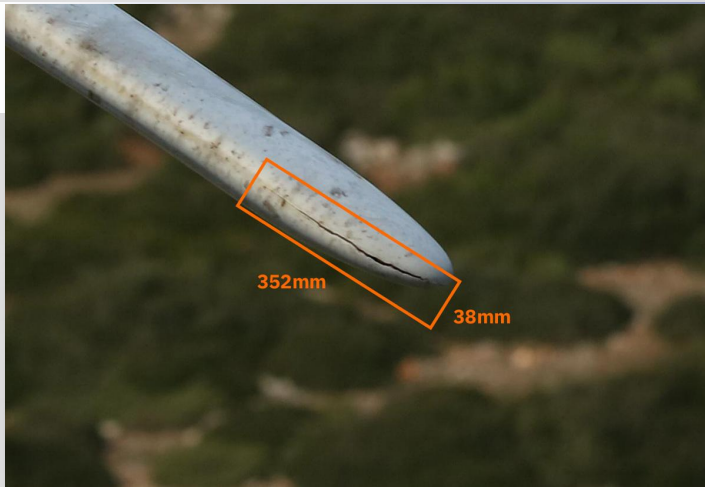
With industry-leading image quality and perpendicularity, it can capture **up to 3 pixels per mm**, making it possible to detect **damages as small as 2-4 mm.**

Combine it with our AI Data Processing for results delivered within **48 hours.**



### CONTACT US :

[www.perceptual-robotics.com](http://www.perceptual-robotics.com)  
[sales@perceptual-robotics.com](mailto:sales@perceptual-robotics.com)



## Dhalion-AI Data Processing Services

### Machine Learning for Blade Inspections

Our AI automatically **annotates** damages and suggests both **type** and **severity**, supporting blade experts with fast, reliable insights.

With up to **14% more detections** than manual inspections or alternative systems, it ensures higher accuracy and **consistency across your entire fleet**.

**Compatible with data from ground-based cameras** or manual drone flights.

You maintain **full ownership of your data** and can choose to use your own blade experts or rely on ours.

**Reach out for a demo!**

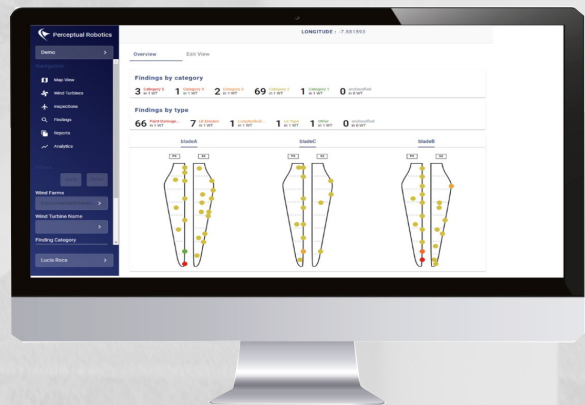
## Dhalion- Inspection Services and Portal

### End to End solutions. Multiple Formats. Repair Management

Perceptual Robotics also offers Inspection Services through its network of expert pilots and global partners.

Inspection results are delivered via a secure web portal, with **multiple export formats** compatible with major industry platforms, including Hermes, ServiceNow, and more.

The **Repair Now Ratio** and **Repair Module** help prioritise and manage repairs, based on projected future costs and energy losses.



[www.perceptual-robotics.com](http://www.perceptual-robotics.com)  
[sales@perceptual-robotics.com](mailto:sales@perceptual-robotics.com)

ISO & ACHILLES CERTIFIED

