

FROM DRONE DATA TO REPAIR PRIORITIES

Drospect doesn't just find defects. Drospect shows which to fix first.

Drospect turns drone and thermal imagery of solar sites into a **clear maintenance and repair plan**. Instead of thousands of individual images, you get an **interactive defect map with exact location, severity, and priority** for every finding.

At a glance, you see where performance is lost, which defects are critical, and where your team should act first.

WHO DROSPECT IS BUILT FOR

Maintenance & service teams

Owners & operators

EPCs, planners & experts

Asset managers & investors

Housing & property managers

THE CHALLENGE

Many defects go undetected for a long time. Monitoring usually shows only that a site is underperforming, not why.

The result:

- **Hidden yield losses** add up over months or years.
- Maintenance teams spend **significant effort** searching for causes.
- **Critical defects** are not always fixed first.
- **Decisions** lack reliable technical evidence.

AN EXAMPLE: 150,000 € LOST

150,000 €

A **100 MW solar asset** in Germany produces about 100 GWh per year. An undetected performance loss of **just 3% can mean about 150,000 €** in lost annual yield, at a wholesale value of 0.05 €/kWh.

WITHOUT DROSPECT / WITH DROSPECT

Without Drospect	With Drospect
Review thousands of images by hand	Automatic defect detection
Performance loss visible, cause unknown	Cause located directly
Time-consuming defect search	Module-level location
Maintenance by rule of thumb	Prioritization by severity
Assess each site separately	Portfolio-wide overview
High analysis effort	Up to 70% less review time
Reactive maintenance	Targeted maintenance

THE SOLUTION

From capture to a recommended action

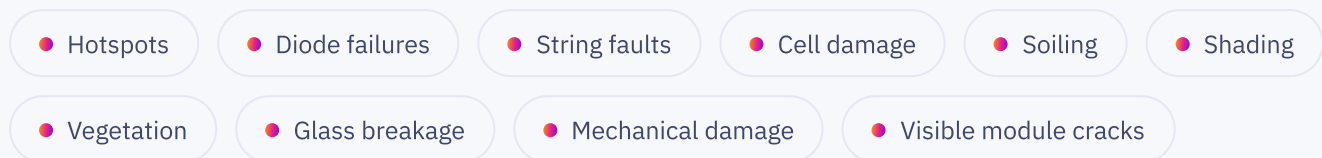
Drospect analyzes RGB and thermal imagery automatically and maps every finding to a specific module. Operators and O&M teams get not just information about defects, but a clear basis for deciding the next steps.

			
Detect	Locate	Prioritize	Act
Automatic identification of technical anomalies in RGB and thermal images.	Every finding is located precisely on the site, down to module level.	Defects are ranked by severity and their possible impact on yield.	Maintenance and repair work can be planned and documented in a targeted way.

TYPICAL CAUSES OF YIELD LOSS

More than a thermography report

Drospect detects:



Severity is based on **defect type**, **temperature difference**, **image analysis** and **potential impact on site performance**.

WHY DROSPECT

Your advantages

- Identify defects faster
- Fix critical issues first
- Spot yield losses early
- Plan maintenance more precisely
- Make technical risks transparent
- Cover more sites with the same team
- Decide on the basis of reliable data
- Reduce time spent on inspections

CONTACT US

Find the defects that really matter.

Which defects are hiding in your site?

Visit us at Intersolar, or contact us to book a meeting.



Doni Statovci
Founder



Meti Latifi
Founder



Scan to book a
meeting

Intersolar · Hall C4 · Stand 670E · info@drospect.ai