

#### Optimizing Solar Energy Production through Advanced Diagnostics

Maximizing the efficiency of solar installations is key to achieving sustainable energy goals. Page Solutions provides drone-based inspections that quickly identify issues affecting solar panel performance, ensuring optimal energy output.



#### Use Cases:



#### Defect Detection

Spot micro-cracks, delamination, or soiling that reduce panel efficiency.



#### Hotspot Identification

Use thermal imaging to find overheating cells that may indicate electrical faults.



# Preventive Maintenance Planning

Schedule timely repairs or cleaning to maintain peak performance.

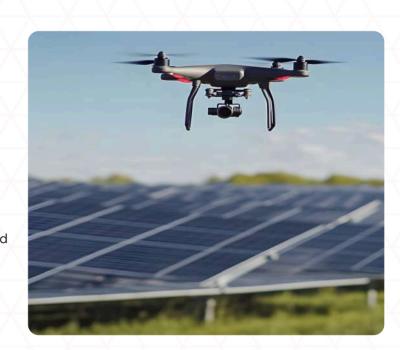
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## Solar Panels Inspection



## Our Tailored Solutions:

- Thermal Imaging Cameras:
  - Detect temperature variations across solar panels to pinpoint anomalies.
- High-Resolution Visual Inspection:
- Identify physical damages or installation issues with detailed imagery.
- Data Analysis Software:
  - Analyze collected data to generate efficiency maps and performance reports.
- Customized Reporting:
  - Provide insights tailored to your specific installation, whether rooftop arrays or large solar farms.



### Benefits with IPage Solutions:



### Increased Energy Yield

Address issues promptly to ensure maximum power generation.



### Reduced Downtime

Perform inspections without halting operations, minimizing disruptions.



## Cost-Effective Solutions

Lower maintenance expenses by targeting only the areas that need attention.



# Environmental Impact

Support sustainability efforts by enhancing the effectiveness of renewable energy sources.