MODERN SOLAR MONITORING WITH DRONES

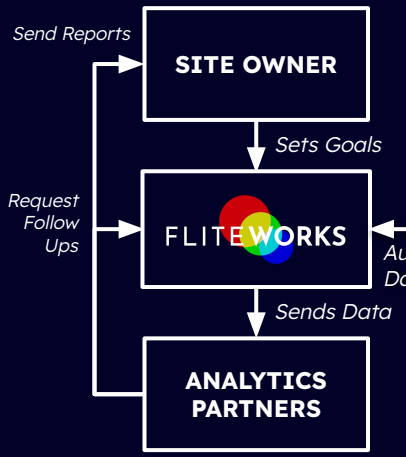
The US has committed to achieving 100% clean electricity by 2035. To get there, **America must build 1,000GW more solar compared to the 99GW we have today**. (DOE, NREL, SEIA)

The solar industry must grow fast. Yet, already-short labor is strained by **archaic data-collection routines:**

- **Construction progress** is tracked by walking and manually counting installed components at the end of each day.
- **Solar equipment health** is checked with costly site visits and manual measurements by limited-supply trained technicians.

The **Fliteworks System** puts drones inside weatherproof charging stations installed permanently at solar power plants. Our software flies these drones remotely and autonomously—without a human pilot—to perform inspections **Automatically, Accurately, and Around-the-Clock.**

Fliteworks automated monitoring gives back precious hours to our solar workforce and empowers them with unprecedented insights that amplify their productivity.



ON-SITE DRONE

Our drones complete inspection tasks safely all by themselves. Now technicians can receive diagnoses remotely, saving them costly trips to distant sites.

Go! Phase Accomplishments

- Deployed prototype to provide construction monitoring with pilot customer in Bristol, RI
- Built reliable daily reporting, integration with construction management software, and back-of-panel scan proof-of-concept
- Demonstrated safe and reliable flight operations

Next Goals: More Features, More Scale

1. Secure key customers and deploy to a 100MW site
2. Build new integrations for construction and continuous monitoring
3. Achieve $100K Annual Recurring Revenue

"Being able to check [crew reports] against what they actually have done has been a real gamechanger."

- Aaron Rust, O&M Director, NuGen

Our own solar thermography image showing panel defects — fliteworks.com