SKYSPECS OVERVIEW
Automating the Operations & Maintenance of Wind Farms

2021
COMPANY INTRODUCTION

SkySpecs entered the wind energy industry in 2016 as a fully automated drone inspection company. After quickly earning a leading position in the North American and European markets, having conducted over 70,000+ offshore and onshore inspections for the largest wind energy owners, we tripled the size of our team, opened an office in Amsterdam, and launched our blade asset management software platform, Horizon. We also formed a new Solutions division of our company, composed of experts in the industry, designed to solve complex business problems for our customers.

We deliver smarter services to help our customers make the best decisions about their assets, and to:

- Maximize energy production
- Minimize downtime
- Reduce operations and maintenance costs
- Gain a higher degree of control over asset planning, organizational processes, and data analysis

Today we are actively serving over 50 of the world’s wind energy companies.

SkySpecs is also an active and proud member of:

[Logos of various organizations]
SkySpecs offers products and solutions that enable our customers to make better decisions about their fleet. From asset management to O&M solutions, our expertise, along with Horizon, will provide every key stakeholder with indispensable KPIs, rich data, and a central repository that will grow and become more flexible over time.

Our fully automated inspections provide the highest quality data, which is the starting point for creating programs and campaigns that result in a better understanding of blade health, reduction in the number of known defects and blade failures, more transparency with OEMs, and ultimately extended life of assets.

Using our solutions, customers have been able to:

- Quickly and precisely inspect their blades and analyze results, reducing downtime
- Standardize processes across their organization using one collaborative platform
- Scale internal resources allowing blade engineers to improve their repair prioritization efficiency and accuracy
- Manage their vendor selection process and subsequent repair campaigns with ease
- Save time and improve accuracy across repair campaigns
- Create “medical health records” of their assets that allow for real-time, confident decision making
- Effectively communicate patterns, trends and progress of their blade assets

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SKYSPECS’ SOLUTIONS: FULLY AUTOMATED BLADE INSPECTIONS

SkySpecs’ inspections are conducted by fully automated drones, that offer unparalleled precision and require nothing more than a push of a button for every make and model of wind turbine.

Learn more about SkySpecs’ inspections:

WATCH OUR VIDEO

We’ve conducted over 70,000+ blade inspections in 26 countries, both onshore and offshore.

FAST
All three blades are inspected in just around 15 minutes from start to finish

PRECISE
Error is eliminated as human interaction is not needed to guide the inspection, yielding a complete look at all areas of each blade, without missing images

REPEATABLE
Our drones take the same images of the same point on the blade every time, making year-over-year comparisons simple while viewing in Horizon

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SKYSCS’ SOLUTIONS: SOLUTIONS DELIVERY TEAMS

Our Solutions Delivery team is composed of blade experts with years of industry expertise as well as technology and software experts who are working side-by-side with our customers to develop solutions to complex business and operational challenges. We can provide onboarding and project support through any stage of your asset management life-cycle.

Operational, risk, and financial data analysis
Helps our customers identify ways to reduce costs and risk, and to optimize processes

Repair campaign planning and advisory
Promote and enable reductions in time and resources, and repair-process complexity

Blade engineering expertise
Reduce time and money by prioritizing and better analyzing blade data and needed maintenance

Workflow design and education
Minimize resources and keep your team on the same page complexity

info@skyspecs.com
Contact us for a closer look at any of our solutions. We’re here to help keep wind working!

Automating wind farms of the future

CONTACT US