



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:



SKYSPECS SUITE OF O&M SOLUTIONS

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

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

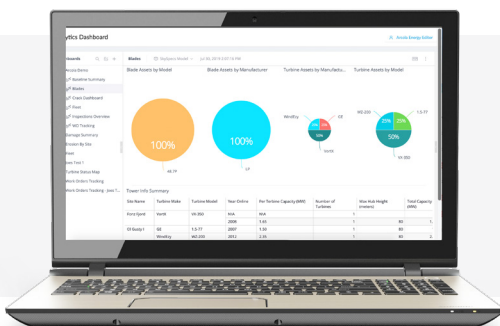
REPEATABLE

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

SKYSPECS' SOLUTIONS: SOLUTIONS DELIVERY TEAMS

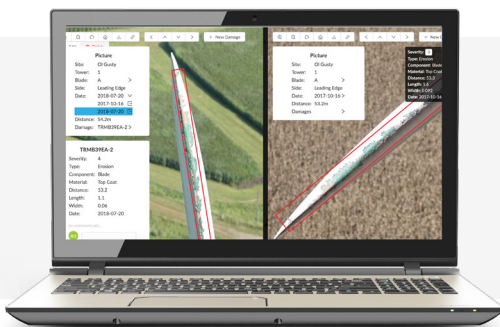
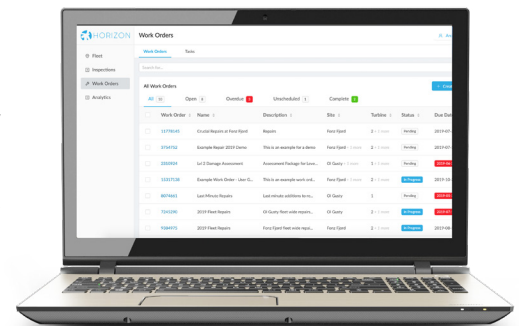


Our Solutions Delivery team is composed of blade experts with years of industry expertise as well as technology and software experts who are working side-by-side with our customers to develop solutions to complex business and operational challenges. We can provide onboarding and project support through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



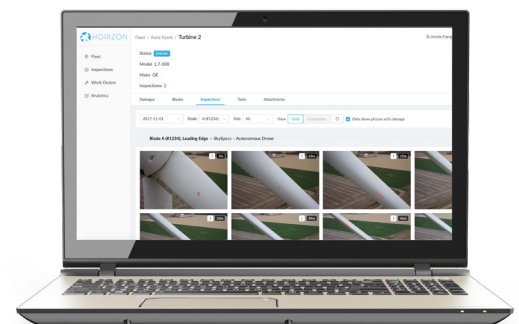
Operational, risk, and financial data analysis
Helps our customers identify ways to reduce costs and risk, and to optimize processes

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





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

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