

A new dimension in Blade Inspection



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All-In-One Blade Inspection with Drones



- **Automated Visual Inspection**
 - **Non-contact lightning protector test**
 - **Highly accurate damage assessment**

- **Autonomous flight**
 - **Realtime waypoint generation**
 - **Reproducible flights**
 - **360° coverage of blades**
- **Reproducible data**
 - **Automatic accurate placing of highres pictures on 3D blades**
 - **Centimeter-Level RTK Accuracy combined with High Accuracy Heading**

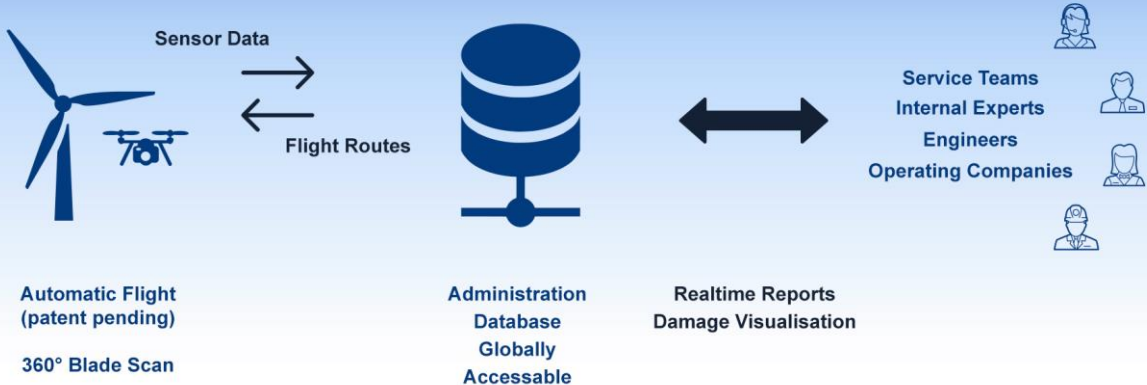


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Digital Workflow



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Realtime Visual Communication creates **Transparency**

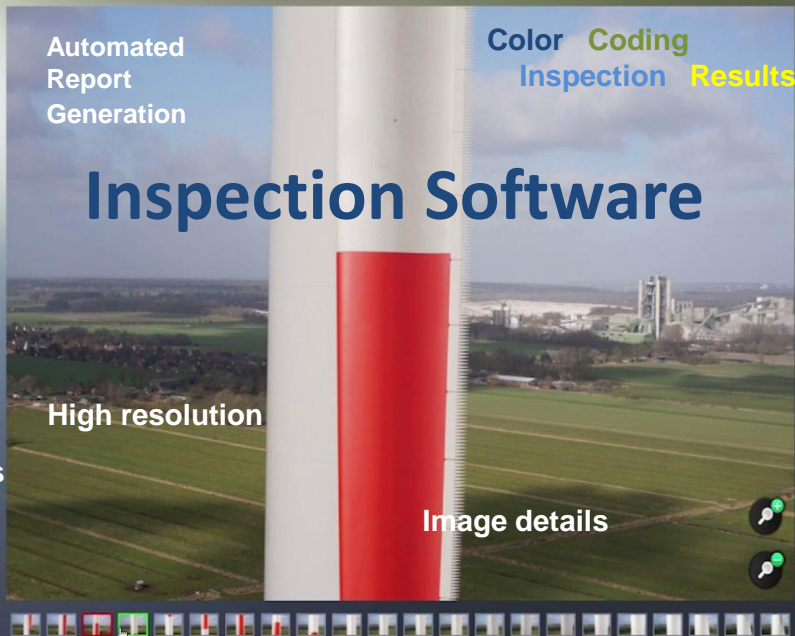


360 degree
blade view



Positioned
viewpoints

Fully
Stitched 3D model



Automated
Report
Generation

Color Coding
Inspection Results

Inspection Software

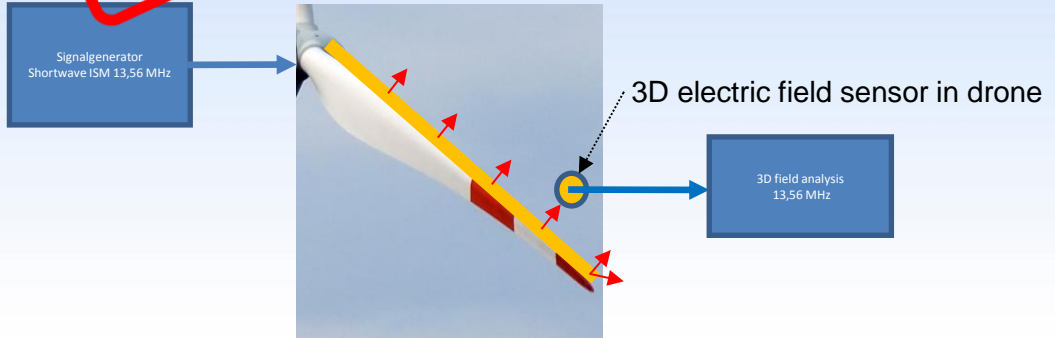
High resolution

Image details



**PATENT
PENDING**

Non-Contact Lightning Protection Test - Patent-Pending

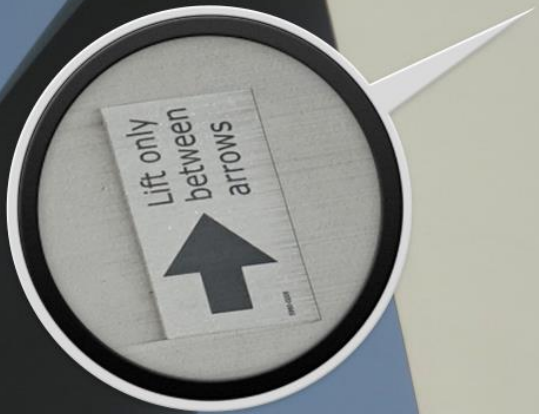


The electric field is always upright to metal. This fact enables the analysis of direction and intensity of the electric field and can prove the existence of an intact earth connection safely.



Autonomous Flight of Drone at very close waypoints





Highest Details
Revealed

up
to

1/100

millimeter
resolution



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Thank you!
Let's lift blade inspection
to a new dimension!

Substantial Time Saving
by Digital Inspection

Substantial Cost Savings by

- **Qualified data**
- **Digital reports**
- **Easy Workflow**