



Drone Technology



Structure Inspection with Drone Technology

Manual structure inspections have been a demanding, costly and oftentimes risky part of your business ever since you put your first pole in the ground. Still, inspections remain the best way to keep the promise of reliable power to your customers. Using drone technology, Valmont Utility is reducing the risk, expense and time required by manual inspections, while also improving troubleshooting and data collection.

Structural inspections from Valmont Utility are the ideal blend of technology and talent:

- Inspections that used to take hours with crews in the air, can now be done in minutes with crews on the ground
- Drones are operated by a two-person engineering team (drone pilot, camera operator) to ensure optimal findings from each inspection
- Utilizing drones configured specifically for power line and structure inspection



Drones are ideal routine inspection tools for things like corrosion, cracking and stress. However, drones can be instrumental in spotting the early warning signs that can trigger magnetic particle inspections, ultrasonic testing, penetration testing and others. And, drone inspections are the perfect alternative for structures in remote, hard-to-reach areas.

With drone technology, you and your crews have access to the best information available, including:

- High definition imagery
- Maneuverable and flexible to get the same angles as manual inspection
- Capturing more and better data
- Aerial utility cleaning with Valmont's WaterDragon
- Customization that works with your existing applications

With drones doing more routine inspections, you can keep more of your people safely on the ground. And when they are on the pole, you can be more confident they are armed with better information to help them achieve new levels of focus, efficiency and safety.

Want to learn more about using structural inspections with drone technology from Valmont Utility? Check out our video or contact us today.

Corrosion Protection

Whether it's an above ground option like hot-dip galvanizing or weathering steel, or TriFORCE™, the industry's best below grade barrier protection, Valmont Utility offers corrosion protection for any environment.

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Resource Center

The Resources section of our website ensures that great information is always just a click or two away. Take a moment now and discover for yourself.

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Want to learn more about solutions from Valmont Utility?

Answers are always just an email or phone call away.

[CONTACT US](#)



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