



Automated Inspection Solution

ABOUT COMPANY

WThink provides fully automated inspection solutions for critical infrastructure by integrating 5G, edge AI, and drone technology. We enable unmanned operations and AI-powered defect detection, transforming traditional infrastructure into intelligent systems.



WHY CHOOSE US?

We have strong R&D capabilities, with proprietary 5G core technologies and 130+ AI models. We deliver integrated solutions covering hardware, connectivity, platform management, and lifecycle O&M.

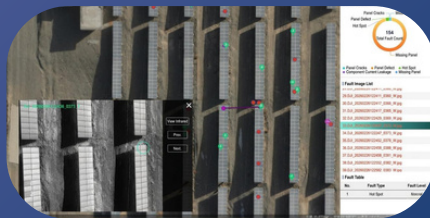
5G CONNECTIVITY

Supports 5G/4G/ad-hoc networks for ultra-low-latency video, data transmission, and real-time drone control.



AI

Deep learning for defect detection, behavior recognition, and object detection, powered by an Algorithm Marketplace platform.



BIG DATA

Multi-source data fusion analysis, energy efficiency analysis, and fault prediction, providing intelligent monitoring and early warning systems.



CONTACT US

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Professional Intelligent Drone Inspection Solutions

Making Operations Safer, Smarter, and More Cost-Efficient.

Application Scenarios



Solar PV Inspection



Wind Power Inspection



Power Line Inspection

Core Capabilities



Autonomous Drone Inspection

100% Hands-free flight with zero manual intervention.



Live Video Feed & AI Recognition

Defect Detection: Hotspots, Corrosion, Bolts, Obstacles, Vegetation



Intelligent Management Platform

Centralized control, real-time alerts, and automated analytical reports.

Solution Architecture



Drone + 5G Intelligent Control Module

High-bandwidth, low-latency remote command and precision control.



AI-Powered Algorithms

Automated visual analysis for rapid defect and anomaly detection.



Digital O&M Platform

End-to-end operational monitoring and maintenance management throughout the full lifecycle.

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