MYGA
UAV

COMPANY PROFILE

www.mygauav.com

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COMPANY OVERVIEW

ABOUT US

MYGA UAV specializes in providing Drone-As-A-Service (DAAS) solutions to diverse industries. Our team of certified pilots and engineers leverages state-of-the-art drones and software to deliver precision data and stunning visuals tailored to your needs.

OUR PROCESS

Mission

"Our mission is to revolutionize the drone industry by providing cutting-edge, reliable, and cost-effective drone-as-a-service solutions. We aim to empower businesses, governments, and individuals to achieve greater efficiency, safety, and innovation through aerial technology.

By combining expertise in drone engineering, piloting, and data-driven insights, we deliver exceptional value and measurable impact across industries such as agriculture, infrastructure, logistics, and environmental conservation."

Vision

"We envision a future where drone technology seamlessly integrates into everyday operations, driving sustainable development and technological advancement.

Our goal is to become the most trusted and innovative provider of drone-based services globally, shaping industries through scalable, eco-friendly, and intelligent aerial solutions. By fostering collaboration, innovation, and excellence, we strive to lead the way in redefining possibilities with drones."

WHY MYGA UAV ?

- Certified Professionals: Experienced and licensed drone pilots.
- Cutting-Edge Technology: Advanced drones, cameras, and software.
- Tailored Solutions: Services customized to meet your specific needs.
- Cost Efficiency: Delivering value through optimized operations.
- Commitment to Safety: Adherence to all aviation and safety regulations.

OUR SERVICES

☑ MAPPING AND INSPECTION

- Aerial Mapping
- Thermal Imaging
- Wind Turbine Inspection
- Oil & Gas Monitoring

☑ SURVEILLANCE AND SAFETY

- Traffic Monitoring
- Law Enforcement
- Natural Disasters Relief
- Search and Rescue Missions

CONSTRUCTION WORKS

- Topo Mapping
- Sites Surveying
- 2D &3D Mapping

LiDAR MAPPING

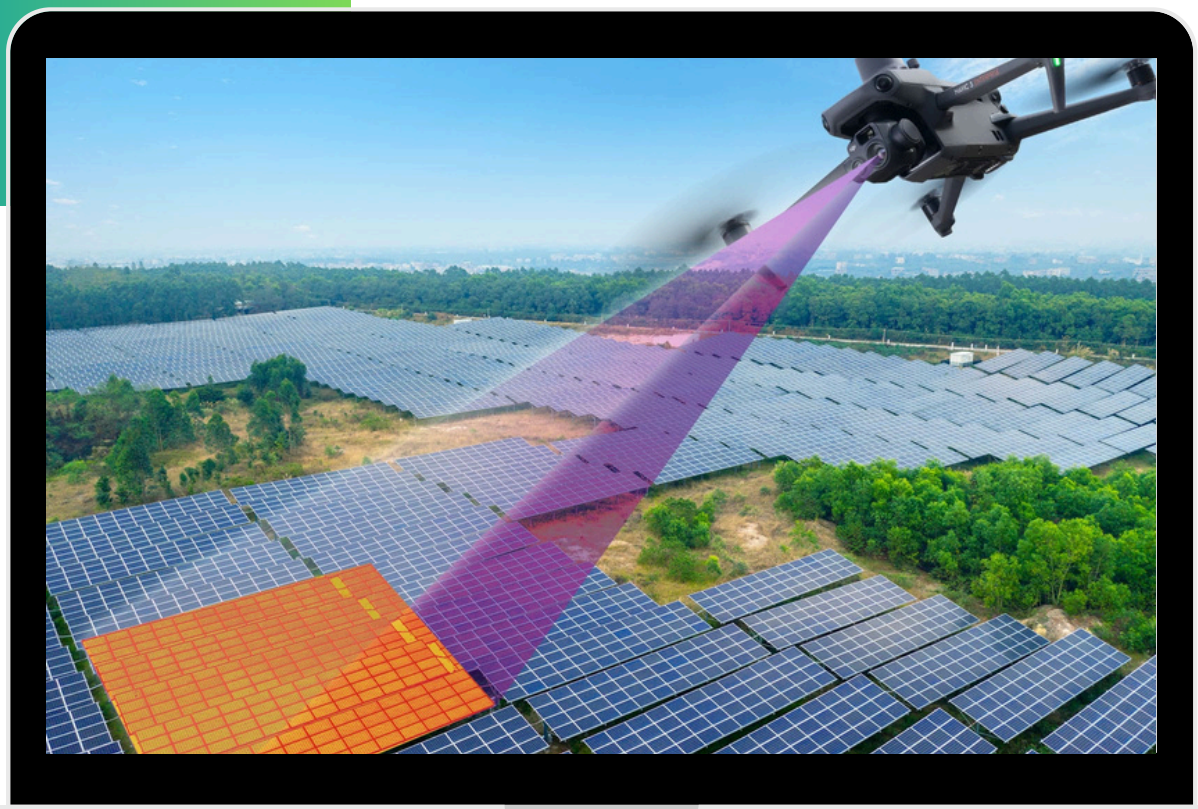
- Accurate Topographic Mapping
- Infrastructure Monitoring and Development
- Archaeological and Cultural Heritage Mapping
- Coastal and Marine Analysis
- Urban Planning and Smart Cities Development

WIND TURBINE INSPECTION

Our drone-based wind turbine inspections offer a safer, faster, and cost-effective solution to ensure optimal turbine performance.

Equipped with high-resolution cameras and thermal imaging, our drones detect cracks, corrosion, and overheating with precision. By reducing downtime and enhancing safety, we help prolong turbine lifespan and improve operational efficiency in the renewable energy sector.

SOLAR PANNEL INSPECTION



Our drone-based solar panel inspections ensure maximum energy efficiency and system reliability. Using thermal imaging and high-resolution cameras, we quickly identify hotspots, cracks, dirt buildup, and defective cells.

This rapid, non-invasive approach minimizes downtime, reduces maintenance costs, and helps optimize solar power generation for both large-scale farms and individual installations.

INDUSTRIAL INSPECTION

Our drone solutions revolutionize industrial inspections by providing high-precision data for hard-to-reach and hazardous areas. From pipelines and storage tanks to chimneys and machinery, our drones capture detailed visual and thermal imagery to identify defects, leaks, or wear.

This ensures safer operations, minimizes downtime and delivers actionable insights for preventive maintenance and improved productivity.

AERIAL MAPPING

Our drone-based aerial mapping services offer precise, high-resolution geospatial data for a variety of applications. Using advanced photogrammetry techniques, we create detailed 2D and 3D maps for construction, land surveying, agriculture, and environmental monitoring.

This cost-effective and time-saving solution provides accurate topographic data, helping businesses and governments make informed decisions while reducing fieldwork risks and costs.

CONFINED SPACE INSPECTION

Our drone solutions revolutionize confined space inspections by safely accessing challenging, high-risk environments without the need for human entry. Equipped with specialized cameras and sensors, drones capture critical data inside tanks, silos, vents, and pipes, identifying structural defects, corrosion, or hazardous conditions.

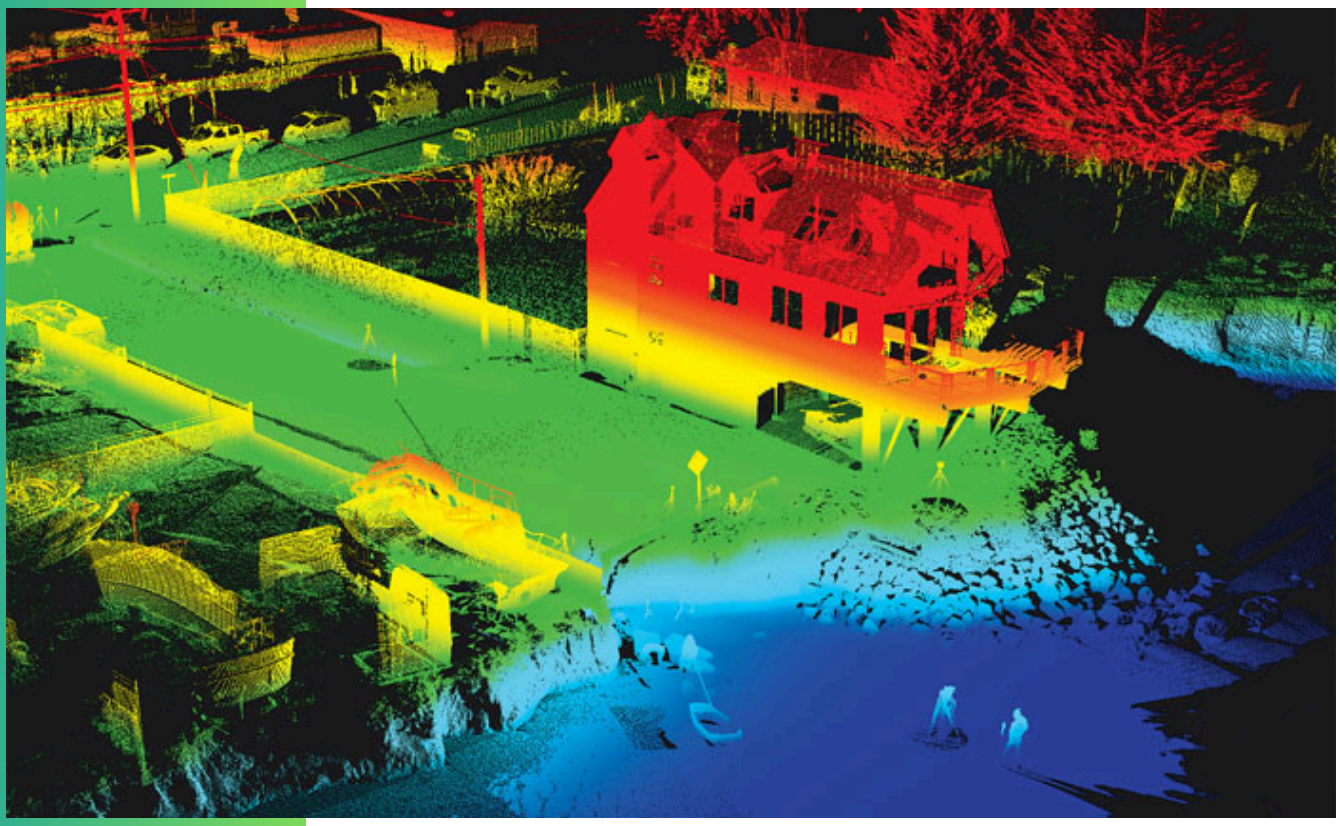
This minimizes the risk to personnel, reduces downtime, and ensures compliance with safety standards while providing comprehensive, real-time insights.

POWER LINE INSPECTION

Our advanced drone technology transforms power line inspections by ensuring safety, precision, and efficiency.

Drones equipped with high-resolution cameras and thermal imaging swiftly identify potential issues such as damaged conductors, insulation faults, and vegetation encroachment. Covering vast distances in a fraction of the time required for traditional methods, we reduce operational risks, minimize downtime, and support uninterrupted power delivery.

LIDAR MAPPING



Our LiDAR mapping services leverage cutting-edge drone technology to capture highly accurate, detailed 3D data of landscapes and structures. By using laser scanning, we generate precise topographic maps and models, ideal for applications such as land surveying, forestry, urban planning, and infrastructure development.

With the ability to penetrate vegetation and map terrain in any weather condition, our LiDAR solutions provide invaluable insights for planning and decision-making with unmatched efficiency and precision.

HIGHWAY ROAD INSPECTION

Our drone-powered highway road inspections provide a faster, safer, and more accurate way to assess road conditions. Equipped with high-resolution cameras and LiDAR sensors, drones efficiently capture data on cracks, potholes, wear, and road surface deterioration.

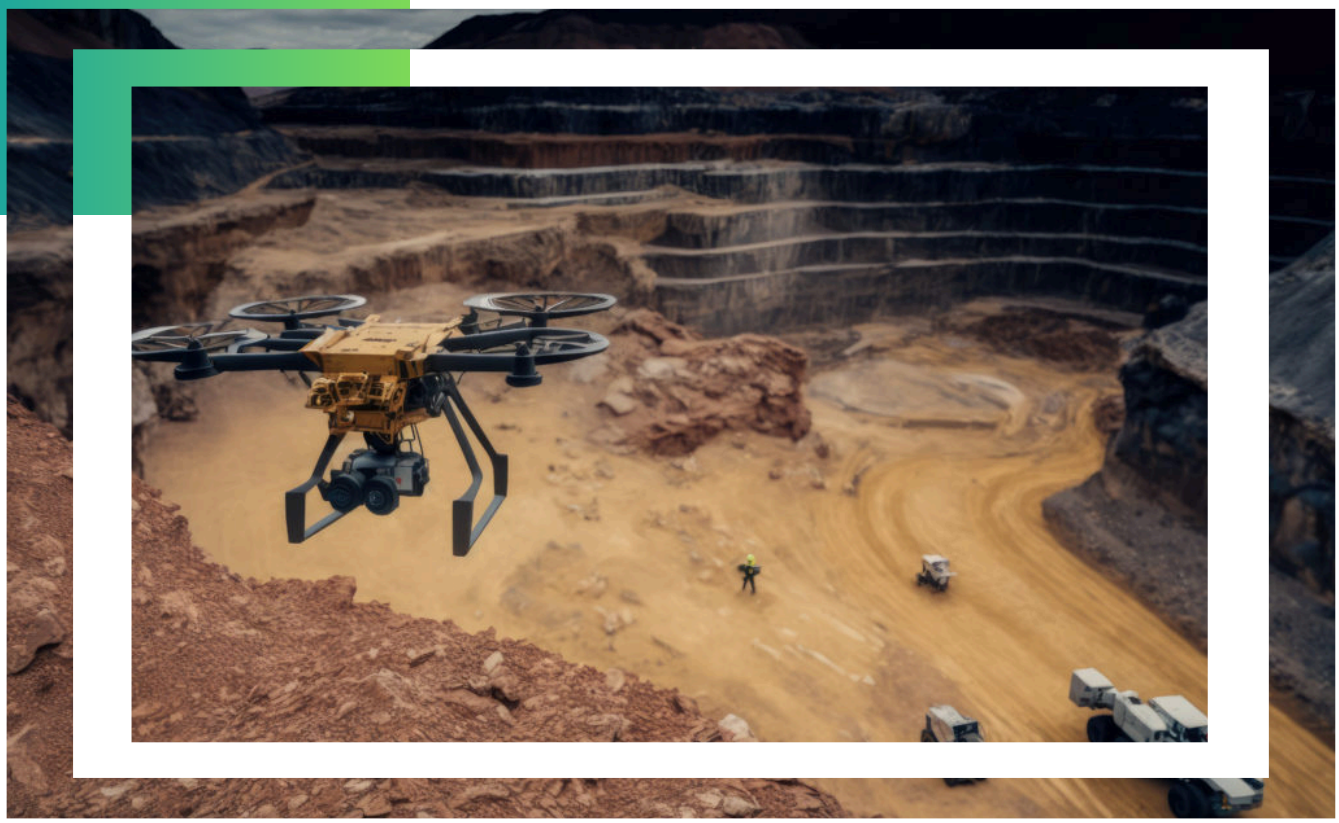
This technology enables rapid assessments, and timely maintenance planning, and ensures safer driving conditions with minimal disruption to traffic.

DISASTER MANAGEMENT

Our drone solutions play a critical role in disaster management, especially during floods. Equipped with high-resolution cameras and thermal sensors, drones provide real-time aerial imagery to assess flood extent, infrastructure damage, and affected areas.

This enables quick decision-making, efficient resource deployment, and accurate damage assessment, improving response times and helping communities recover faster with minimal risk to personnel.

MINE SURVEY



Our drone-powered mine surveys provide accurate, real-time data for efficient mining operations. Equipped with high-resolution cameras, LiDAR, and GPS, our drones deliver precise topographic maps, volume calculations, and 3D models of mine sites.

This technology enables safer, faster surveys, reduces operational risks, and enhances resource management, all while minimizing the need for manual labor in hazardous environments.

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Achieving a data accuracy of 99% in the drone industry is a significant milestone that highlights the precision and reliability of your Work.

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