

ARTEMIS Tech Eng



ARTEMIS TECHENG

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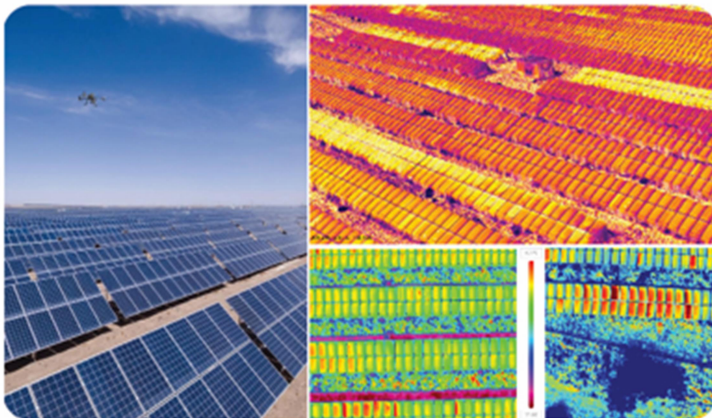
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Technical Inspection Specialists

SOLAR PARKS AERIAL THERMOGRAPY HOLISTIC INSPECTION

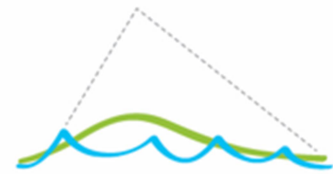
By providing this service, we give the information for a complete energy restructuring of your photovoltaic park. Through this aerial thermography service we are able to produce a detailed report locating and geospatially targeting hot spots, damaged string connections, cold or overheated panels, shading and pollutant problems, construction defects, overheated junk boxes and damaged/broken panels of the photovoltaic parks using aerial thermographic sensors and data fusion technology.

We create a special report of Findings which are classified according to severity and categorized by loss of energy. At the end of the day, the owner and the Solar park technician knows what parts of the solar park has to be fixed or replaced.



WIND FARMS 3d Metric TECHNICAL INSPECTION

Artemis Tech Eng supports wind park operators by conducting thermal and optical inspections using drones on the critical components of wind turbines. This enables early detection of issues and reduced performance (Blade structure, Tower, nacelle, foundation).



ARTEMIS Tech Eng

Artemis TechEng – is a 17 years old company providing innovative engineering services and studies, through specialize staff and high end technical equipment. Artemis is a member of Technical Chamber Of Greece, and Si –Cluster. ARTEMIS branch is situated in LEFKIPPOS Attica Technology Park of the National Centre for Scientific Research DEMOKRITOS.

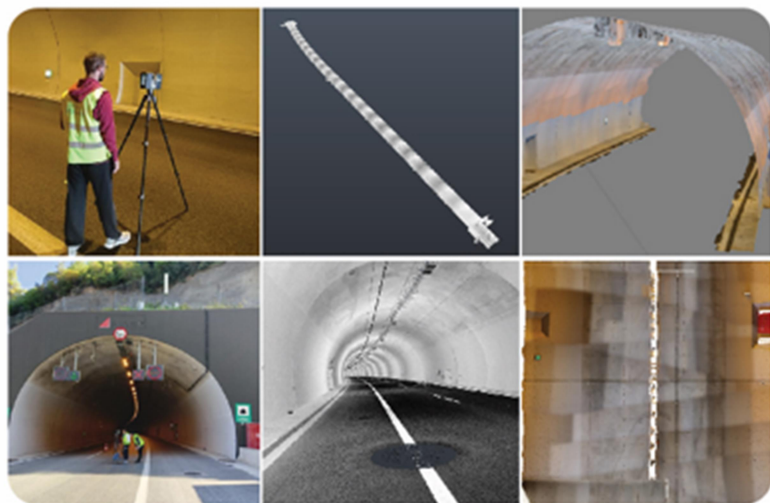
Information beyond surveying!

We offer our Services mainly in Green Energy and Civil Infrastructures . More specifically, we provide to those sectors Aerial mapping Services, Special Surveying Services, 3d reconstruction, Laser Scanning, Lidar, Civil Infrastructure Inspection and monitoring Services, Civil Infrastructure and Hydraulic studies

Technical Inspection Specialists

3D TUNNEL INSPECTION-BRIDGES-WALL RETAINS

Our company has implemented unique technical inspection projects in civil engineering infrastructures such as 3D mapping of cracks smaller than 0.3 mm with thermal imaging and laser metric methods in various types of concrete (road structures, bridges, tunnels).



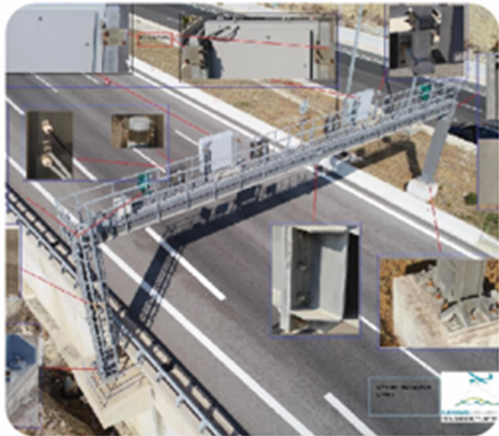
3D - LASER SCANNING

With 3d laser Scanning cutting edge technology we can provide a detailed mapping of the existing state of any building, archaeological site and any industrial and maritime structure by creating a 3D point cloud image that replicates the scanned items accurately. The data is exported to BIM, modelling, and CAD programs to develop 2D CAD drawings or a 3D model.



3D - INFRASTRUCTURE PROJECTS MONITORING -SURVEYING SERVICES

Our company undertakes the monitoring of the development of technical projects with periodic reports of qualitative and quantitative conclusions (quality control of materials, measuring data) as well as full topographical support of the projects.



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HYDRAULIC AND HYDROLOGICAL MODELING

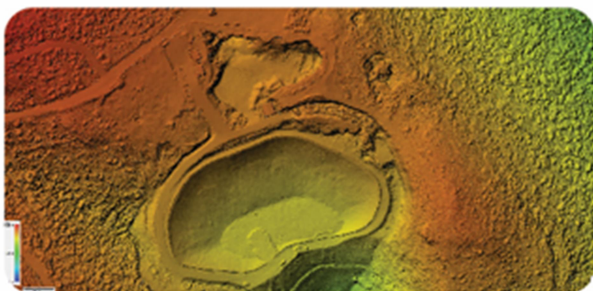
Our team of skilled professionals (15 years of experience) has a deep understanding of hydraulic and hydrological systems, and we leverage this expertise to provide a range of services that help our clients meet their goals. Some of the services we provide include:

- ✓Water Supply Studies
- ✓Drainage Studies
- ✓Irrigation Network Studies
- ✓River Watercourse Studies
- ✓Hydrological Network Studies



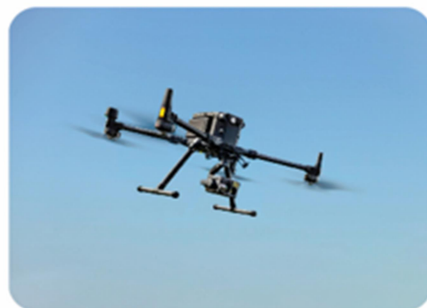
CREATION OF ULTRA - HIGH - RESOLUTION ORTHOMAPS AND DIGITAL SURFACE MODELS

Our team of experienced engineers uses the latest technology and software to create ultra-high-resolution orthomaps and digital surface models that are both highly accurate and easy to interpret. Our orthomaps and digital surface models are ideal for clients in a range of industries, including urban planning, land management, and disaster response.



AERIAL MAPPING - MONITORING SERVICES

Our company specializes in 3D aerial mapping, utilizing our private manned aircraft specifically configured for such tasks, as well as a multitude of drones designed for similar purposes.



We specialize in providing cutting-edge aerial mapping and photogrammetry technology solutions for cadastral, environmental and technical projects

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