ABOUT US

TechnoGIS specializes in mapping and geospatial technology, offering services like LiDAR mapping, drone surveys, and bathymetric surveys. We develop cost-effective survey tools using Mapping Technology, IoT, and Cloud for greater accuracy and efficiency.

- *Innovating geospatial solutions with advanced technology*
- *Powering mapping, GIS, and spatial analytics in the cloud*
- *Enabling precision, efficiency, and smart decision-making*

500+
Product and Services Done

500+
Enterprise & Goverment Clients

45+
Certificates

1.000+
User Aplication and Training

OUR EXPTERTISE

Goverment & Smart City



Infrastructure & Construction



Mining & Energy



Agriculture & Foresty



Marine & Coastel



CONTACT US



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LETS CONNECT

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EMPOWERING THE WORLD WITH **GEOSPATIAL INTELLIGENCE**

Bridging earth to the future

2026

TechnoGIS

OUR CLIENT & PARTNER

geomares · Geosun · PRENEU · GAMMA AR · ECURS
adhi · Chevron · PLN · Inalum · adaro
BRIN · Badan Informasi Geospasial · elnusa · Palladium · PESONA KHATULISTIWA NUSANTARA · APRIL

Awards

- **Winner** Karya Prospektus Chellenge - **2021**
- Top 80 Hub.id Startup Network - **2023**
- Top 8 Indonesia Delegation - **2024**
- 2 Awards Investrors Chooice Techplanter - **2024**
- **Winner** Gama Inovasi Startup Summit - **2022**
- Top 10 CONext Startup By PLN - **2023**
- **Winner** Innovation of Green, Sustainable - **2024**
- Top 8 Hi Tech the Stuttgart Region - **2025**
- **Winner** Pertamina Xscots Startup - **2022**
- Top 60 Investment Summit - **2023**
- Top 36 Astranauts by Astra - **2024**
- Others Awards **5+**

Certifications









Technology

OUR PRODUCT TECHNOLOGY

Scan here for detail

Specification

TGS GNSS RTK

The TGS GNSS RTK is a next-generation geodetic GNSS receiver with millimeter level accuracy and long-range capability. Featuring advanced RTK technology and mobile app integration, it enables efficient remote control.



Specification:

Channel GNSS Signal	:	BDS-2, BDS-3, GPS, GLO, GAL, QZSS, NavIC (IRNSS) dan SBAS*
Data Format	:	CMR, CMR+, RTCM 2.x, RTCM 3.x
Data Output	:	NMEA-0183, RINEX, TXT, TGS
Tilt Compensation Accuracy	:	≤2cm(Tilt Angle≤60°, Up to 120°)
Static Accuracy (RMS)	:	Horizontal Positioning Accuracy (2.5mm+0.5ppm) Vertical Positioning Accuracy (5mm+0.5ppm)
TKDN Certificate	:	38%

DRONE NiVO Series

Our Drone Series features professional UAV solutions, including VTOL, Quadcopter, and Spraying Drone platforms, designed to support aerial mapping, inspection, monitoring, and precision agriculture with efficiency and reliability.



VTOL Series

Industrial drone for high-accuracy mapping, powered by Geo-AI for precise data, automated analysis, and optimized surveys across industries.

Available: VTOL V2, VTOL V3, VTOL V5, & VTOL V7

Material	:	Carbon Composite
Endurance	:	90 Minutes
Coverage Area	:	1000 ha
Payload	:	2000 gram
Sensor Support	:	RGB, NDVI and LiDAR
Battery Capacity	:	16.000 mAh x2
TKDN Certificate	:	40%



Quadrone

The Quadrone Nivo is a high-precision UAV multirotor for aerial surveying, inspection, and mapping. Designed for professionals, it combines advanced flight technology with superior data capture, making it ideal for industries like land surveying, agriculture, and infrastructure monitoring.

Material	:	Carbon, Alloy, Alumunium, Composite fiberglass
Endurance	:	30 Minutes
Coverage Area	:	50ha
Payload	:	1000 gram
Sensor Support	:	RGB, Thermal, NDVI and LiDAR
Battery Capacity	:	16.000 mAh x2
TKDN Certificate	:	40%



Agrios Series

A smart agricultural drone designed to support precise and efficient field spraying. It comes equipped with a range of advanced features, including an obstacle avoidance system, terrain-following sensors, an FPV camera, and centrifugal nozzles

Available: Agrios 10T, Agrios 16T and Agrios 20T

Structural Design	:	6 - axis
Frame (Net Weight)	:	3.6 kg
Tank (Net Weight)	:	190 kg
Liquid Capacity	:	10L, 16L, 20L, 40L
Max Flight Altidtude	:	20 m (for spray)
Max Flight Speed	:	12 m/s
Waterproof Grade	:	IP 65
Max Work Efficiency	:	12 Minutes
TKDN Certificate	:	40%

"Advanced solutions designed to power surveying, mapping, and spatial intelligence. Our comprehensive portfolio integrates innovative hardware, intelligent software, AI-powered analytics, IoT systems, and cloud platforms to help organizations capture, analyze, visualize, and manage geospatial data with greater accuracy and efficiency."

GEOLIDAR Series

LiDAR with AI ensures high accuracy and fast 3D mapping for efficient, detailed measurements. Ideal for land mapping, infrastructure monitoring, and environmental analysis, GeoLiDAR is a premier solution for reliable surveying.



GeoLiDAR TLS

Channel	:	16 – 32 Channels
Wavelength	:	~300.000 points/second
Field of View	:	200 Meters
Range of Accuracy	:	225° x 360° Automatic Rotation
RAM	:	8 GB
Weight	:	4.420 gram
TKDN Certificate	:	40%



GeoLiDAR SLAM

3D LiDAR Data Points Generated	:	Single Echo, 200,000Points/Sec
Range of Accuracy	:	≤1 Cm (Relative), ≤5 Cm (Absolute)
Position Accuracy	:	Horizontal 0.02m and Vertical 0.03 m
Camera Resolution	:	2*20MP
TKDN Certificate	:	40%

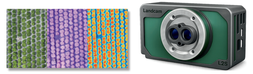


GeoLiDAR ALS

Weight	:	1015g
Dimensions	:	12,5 x 9,8 x 11,4 cm
Measurement Accuracy	:	Less than 10 cm (110 m AGL).
FOV	:	70° the circular view
FOV	:	84 degrees
Resolution	:	15 Megapixel
TKDN Certificate	:	40%

LANDCAM MULTISPECTRAL

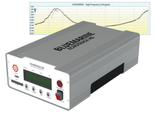
Combines multispectral and hyperspectral imagery for detailed analysis of land, vegetation, water, and urban areas with rich spectral information.



Resolution	:	5 MP each Band: RGB (R,G,B), and NIR
Pixel Size	:	1.4µm x 1.4µm
Storage	:	Up to 64 GB
RAM	:	8 GB
Weight	:	235 Gram
Dimensions	:	80mm x 65mm x 40mm
TKDN Certificate	:	38%

BLUE MARINE ECHOSOUNDER

All-weather, day-and-night imaging for surface monitoring, cahne detection, and disaster management.



Sensor	:	Single Beam Echo Sounder
Beam Angle	:	9°
Frequency Band	:	200 kHz
Minimum Depth	:	0.4 meter
Maximum Depth	:	200 meter
Depth Accuracy	:	99.46 %
Data Format	:	RAW Data (.bmi format)
Software	:	Echogram Bluemarine
TGS Series	:	GNSS Geodetic Dual Frequency
Dimensions	:	250mm x 165mm x 85mm
TKDN Certificate	:	38%

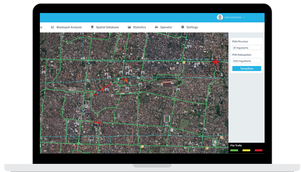
OUR GIS SOLUTIONS FOR ENTERPRISE

iT Sensing Enterprise

An integrated cloud platform for real-time monitoring and analysis of satellite and geospatial data



Cloud GIS ***Satellite Data*** ***Smart Insight*** ***Easy Export***



WebGIS Monitoring System

Custom web-based GIS for real-monitoring,visualization and reporting tailored to your operatioal needs

Real-time Monitoring · **Intreractive Map** · **Analytics & Reports** · **User Management** · **Secure Access**

POWERING BETTER DECISIONS WITH SMARTER GEOSPATIAL SOLUTIONS

Activity



Speaker in Shenzhen, China about "Potential of Drone Technology in Indonesian Geospatial Industry - **China (2024)**



Techno GIS and SiberGeo Discuss Strengthening potential collaboration in geophysical - **Russia (2025)**



Speaker in Smart City Summit and Expo Net Zero - Taiwan **(2026)**



Speaker and Exhibitor in Hannover Messe - Germany (2025)



Speaker and Exhibitor in Hannover Messe - Germany **(2024)**



FinCOSPAR EXPO Remote Sensing Days - **Finlandia (2025)**



Speaker and Exhibitor in GeoConnect - Singapore **(2025)**



Speaker and Exhibitor in GeoConnect - Singapore **(2026)**