



ALPHA GEOSYSTEMS

CORPORATE PROFILE

**“EMPOWERING PRECISION
ENABLING PROGRESS”**

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CEO's Message

It gives me great pleasure to welcome you to Alpha Geosystem.

Over the years, our journey in surveying, mapping & geospatial industry has been defined by innovation, precision, and a relentless commitment to excellence.

At Alpha Geosystem, we have always believed that “technology is more than just equipment — it is a bridge to progress”.

Our advanced solutions support infrastructure development, construction, mapping, GIS, surveying, mining, BIM, and reality capture applications, enabling professionals to achieve greater accuracy and efficiency in the field. Through our strong portfolio of globally recognized brands, we continue to empower industries with modern geospatial technologies that redefine productivity and operational success.

Our organization is built on values that matter: integrity, quality, innovation, technical excellence, and customer satisfaction. These principles guide every decision we make and every solution we deliver. Long-term success, in our view, is achieved not only through technology but through trust, professional service, and lasting relationships.

As CEO, I want to assure you that Alpha Geosystem is dedicated to your success. We are not just suppliers — we are partners in progress, committed to providing dependable solutions and strong technical support at every step of your journey.

Together, we will continue to shape the future of the surveying and geospatial industry.

Niten Patial

Founder & CEO



About Us

We are a fast-growing technology-driven company specializing in advanced Surveying, Mapping, Geospatial, Construction, and Reality Capture Solutions. With a strong commitment to innovation, quality, and customer satisfaction, we proudly represent multiple globally recognized brands delivering high-performance equipment and intelligent solutions for surveying professionals, infrastructure companies, government agencies, engineering consultants, construction firms, mining industries, and geospatial organizations.

Our organization is built on the foundation of precision, reliability, innovation, and technical excellence. We continuously strive to provide the latest surveying technologies that improve productivity, accuracy, and operational efficiency for our customers.

With a comprehensive portfolio of GNSS receivers, Total Stations, Bathymetric Survey Solutions, LiDAR Scanners, Echo Sounders, and Geospatial Instruments, we aim to become a trusted technology partner for every surveying and mapping requirement.

OUR PASSION FOR PRECISION,

INNOVATION, AND CUSTOMER SUCCESS

DRIVES WHAT WE DO,

WHO WE ARE,

**AND HOW WE DELIVER EXCELLENCE...
EVERY DAY.**

What We Do?

At Alpha Geosystem, we provide advanced surveying, mapping, hydrographic, and geospatial technology solutions designed to support modern infrastructure and engineering industries. Our solutions are widely used in land surveying, construction, infrastructure development, mining, irrigation, railways, highways, marine surveying, smart city projects, and engineering applications.

How Do We Do It?

We combine advanced technology, industry expertise, and customer-focused support to deliver reliable and efficient geospatial solutions. With a strong focus on quality, reliability, and long-term partnerships, we ensure that our customers receive complete solutions that enhance productivity, accuracy, and field performance.

Vision

To become a leading provider of innovative surveying, mapping, and geospatial technologies by delivering precision-driven solutions that empower professionals and organizations worldwide.

Mission

To provide advanced and reliable surveying solutions. To continuously innovate with modern geospatial technologies. To deliver exceptional customer satisfaction. To support industries with accurate and efficient field solutions. To build long-term partnerships based on trust and quality.

Values

Alpha Geosystems enjoys a strong reputation for precision, reliability, and customer commitment across the surveying and geospatial industry. Our core values define who we are and guide every solution we deliver. We believe that by consistently applying these values in our everyday work, we strengthen our relationships, inspire innovation, and position our company for long-term success and sustainable growth.



Growth



Respect and Dignity



Safety and Health



Quality



Customer Satisfaction



Innovation



Ethics and Conduct



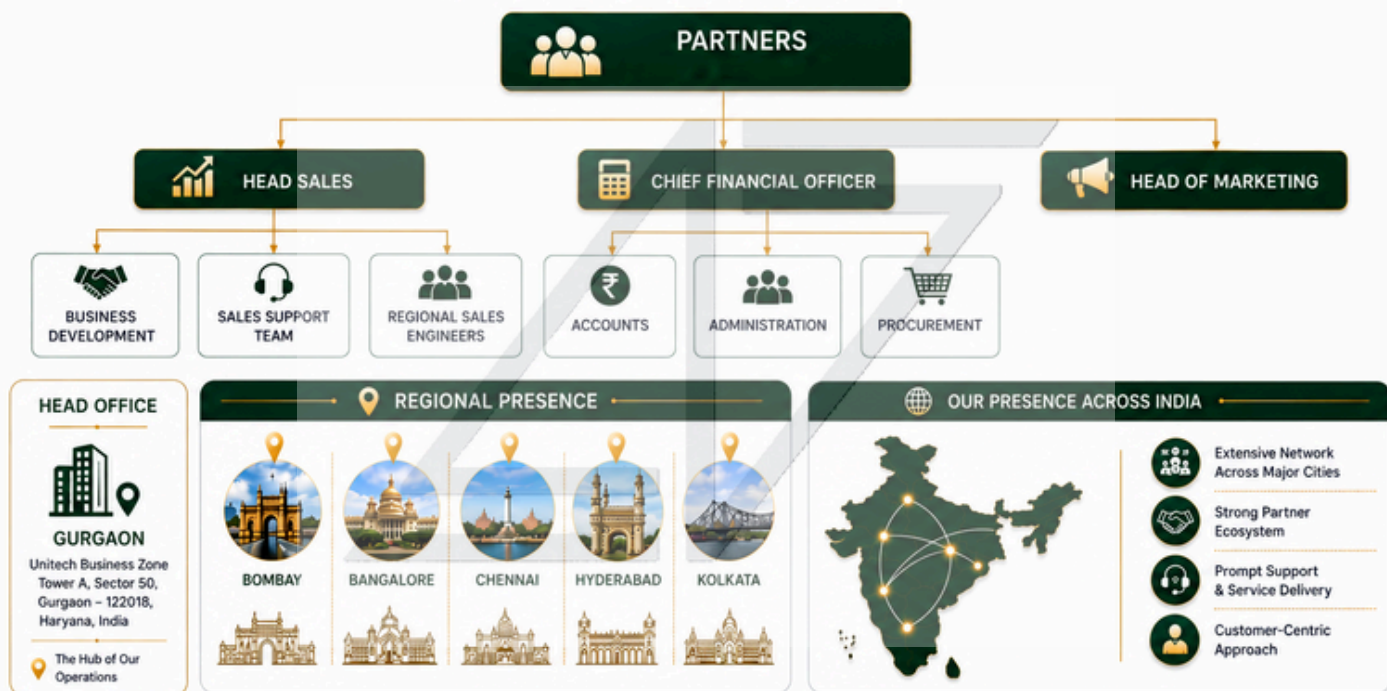
Teamwork



Corporate Responsibility

CORPORATE STRUCTURE

Strong Leadership. Smarter Operations. Sustainable Growth.



TEAMWORK
Together We Achieve
Excellence



INTEGRITY
Honesty. Transparency.
Accountability.



QUALITY
Committed to Deliver
The Best



INNOVATION
Driving Progress
Through Innovation



COMMITMENT
Dedicated to Our
Customers



EXCELLENCE
Excellence in Everything
We Do

Our Unique Selling Proposition

COMMUNICATION



We place a high emphasis on training our sales and marketing team to respond to our clients with proposals, technical details, production progress updates, and delivery information within one business day because we know that our customer's time is valuable.

EXPERIENCED PROFESSIONALS



Our people are certified engineers and go through an in-house training program and continuing education via external training centers in their respective employment. In all of this, the most important element in the recruitment process is their "character". Our people are required to be cooperative, multitasking, efficient, friendly and be able to work in teams.

LONG TENURE



Our journey is built on years of industry experience, driven by innovation, precision, and customer commitment. With a strong team of skilled professionals and technical experts, we continue to deliver reliable surveying and geospatial solutions that create long-term value for our customers.

GLOBALLY CERTIFIED



We are certified and follow ISO 9001, ISO 14001 as a part of our Integrated Management system. Our products are tested and certified to global standards by independent test labs in the United States and the United Kingdom.

PRODUCT RANGE



Our product line is so vast in size and specifications that we are sure to meet any client's requirement at demand with zero mold costs passed on.

GROWING INFRASTRUCTURE



Our growing industry presence and long-term customer relationships reflect our dedication to delivering dependable surveying technologies and value-driven solutions for evolving infrastructure and engineering demands.

GLOBAL SUPPLY



Our expanding business network and strategic collaborations enable us to efficiently deliver advanced surveying and geospatial solutions while maintaining strong customer support and operational excellence across growing markets.

APPROVED VENDOR



Our expanding corporate network, supported by dedicated professionals and strategic business partnerships, enables us to provide reliable surveying technologies, efficient customer support, and seamless market reach across growing regions.

OUR TECHNOLOGY PARTNER

(DREAM TnS)

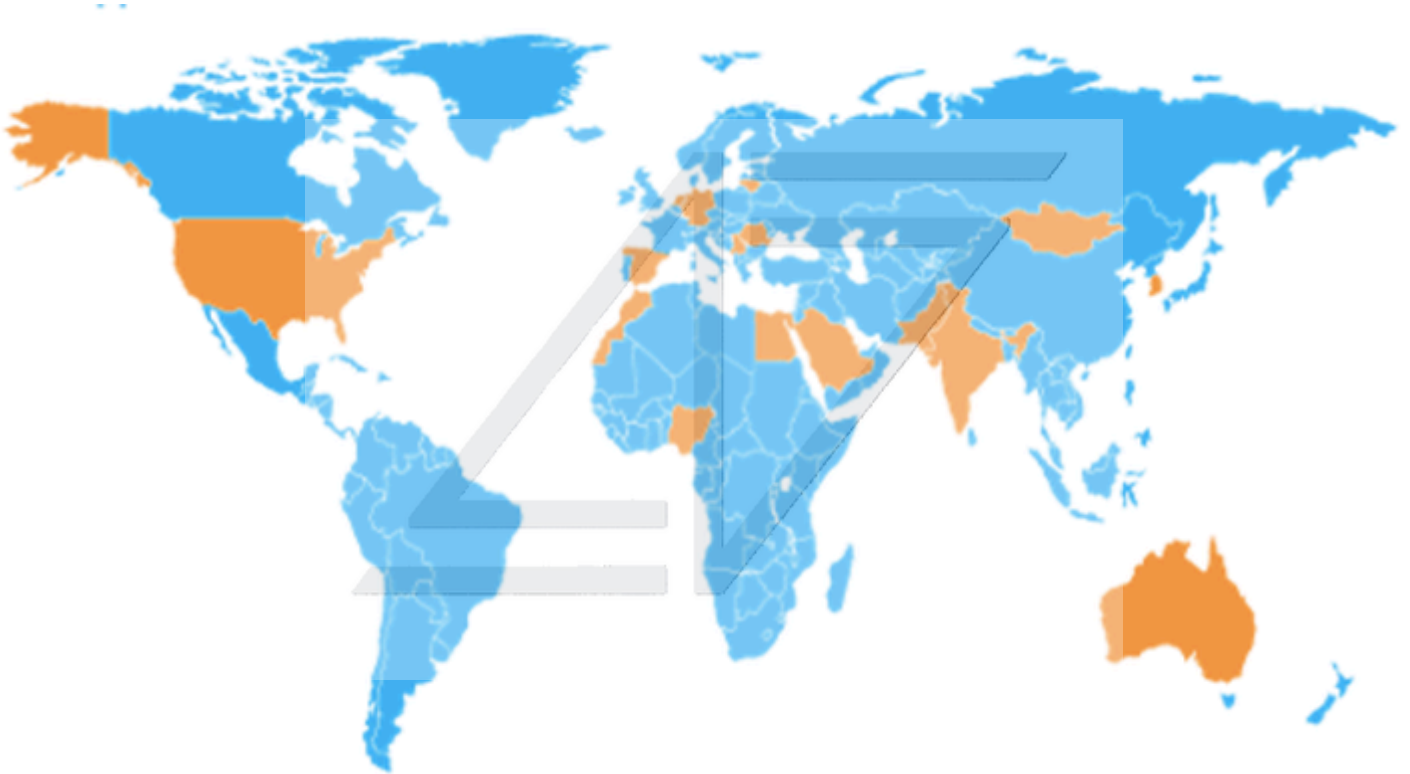
DreamTnS India Private Limited is a subsidiary of DreamTnS Co., Ltd, a South Korean company catering to the needs of the South Korean metrology and geospatial market from over 15 years. DreamTnS Co., Ltd is growing exponentially year on year. To ensure and multiply the growth, we are venturing into different businesses and Indian subsidiary is thought to be the avenue. It is the only branch outside of South Korea and is set to grow leaps and bounds.

DreamTnS India Pvt. Ltd. is a research and development centre for metrology and geospatial products situated in Hyderabad, India. We develop smart, intelligent, and revolutionary products for the industry with our innovative, active, and motivated workforce.

DreamTnS India provides services, support, sales and solutions to meet the needs of the industry. We have developed a service centre in Hyderabad to support our hardware products.



COUNTRIES WE SUPPLIED TO...



OUR TECHNOLOGY PARTNER

(FJ Dynamics)

Established as a leading innovator in intelligent automation and digital reality capture technologies, FJDynamics specializes in advanced LiDAR scanning, precision positioning, intelligent surveying, and smart construction solutions. The company has rapidly expanded its global presence by delivering cutting-edge technologies designed to improve efficiency, accuracy, and productivity across multiple industries. With strong expertise in AI-powered mapping, 3D reality capture, autonomous navigation, and geospatial technologies, FJDynamics continues to remain at the forefront of innovation by developing intelligent solutions for surveying professionals, engineers, construction companies, infrastructure developers, and digital transformation industries worldwide.

Diversifying into advanced Reality Capture and Smart Mapping Solutions including BIM documentation, Digital Twin creation, Indoor & Outdoor 3D Mapping, Construction Monitoring, and Intelligent Surveying workflows, FJDynamics has established itself as a trusted global technology brand.

Today, FJDynamics proudly offers a comprehensive portfolio of professional handheld LiDAR scanners, GNSS positioning systems, intelligent construction technologies, and advanced 3D mapping solutions including the FJD Trion Series, V Series, and Reality Capture platforms. With the support of reliable global partners and distributors, FJDynamics continues its mission to become a global leader in intelligent geospatial and automation technologies.



COUNTRIES WE SUPPLIED TO...

■ R&D Center and Warehouse



FJ DYNAMICS

Industries



CONSTRUCTION & INFRASTRUCTURE

Accurate layout, alignment, and positioning solutions for roads, bridges, buildings, railways, and infrastructure development projects.



ARCHITECTURE & BIM

Advanced LiDAR and reality capture technologies for 3D modeling, BIM documentation, and digital twin creation.



MINING & QUARRYING

Reliable surveying solutions for mine planning, stockpile measurement, terrain mapping, and quarry operations.



RAILWAYS & HIGHWAYS

High-precision positioning and engineering survey solutions for transportation corridor development and monitoring.



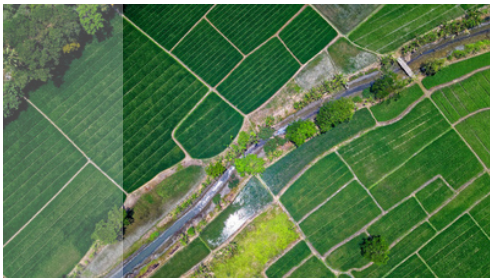
WATER RESOURCES & IRRIGATION

Surveying and hydrographic solutions for irrigation canals, reservoirs, water distribution networks, and dam projects.



MARINE & HYDROGRAPHIC

Hydrographic and bathymetric survey solutions for reservoirs, rivers, canals, ports, and underwater mapping applications.



UTILITY & PIPELINE MAPPING

Efficient mapping solutions for underground utilities, pipelines, telecom networks, and electrical infrastructure.

Product Range



POZSTAR P5

The Pozstar P5 is designed for modern surveying professionals who require compact design, efficient field operation, and reliable positioning performance.

Features:

- Advanced GNSS engine
- High RTK accuracy
- Lightweight and portable
- Stable communication connectivity
- User-friendly operation
- Strong satellite signal tracking

POZSTAR S5

The Pozstar S5 is a high-performance multi-constellation GNSS receiver designed for professional survey applications. It delivers excellent accuracy, fast initialization, and stable RTK performance in challenging environments.

Features:

- Multi-constellation GNSS tracking
- High precision RTK positioning
- Fast signal acquisition
- Rugged and durable design
- Long battery backup
- High-speed communication interfaces
- Suitable for static and dynamic surveys



PozStar Q1

Stable positioning even in GNSS shadow area such as tunnels or urban environments typically within 10cm accuracy.

Features:

- Built for vehicle navigation - even in the toughest condition
- Reliable navigation - even in the absence of satellite signals
- With built in DR (Dead Reckoning) technology
- Q1 ensures continuous and accurate positioning in tunnels and underpasses.



PozStar Q1

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- Built for vehicle navigation - even in the toughest condition
- Reliable navigation - even in the absence of satellite signals
- With built in DR (Dead Reckoning) technology
- Q1 ensures continuous and accurate positioning in tunnels and underpasses.



PozStar Q2 - 100

By automating steering and other machinery functions, The Q2-100 reduces the physical and mental strain on operators. This automation not only enhances safety by minimizing human error but also allows operators to focus on monitoring equipment and field conditions.

Features:

- Built for slow moving vehicle
- The Q2-100 comes equipped with a built-in IMU optimized for speeds below 30km/h, making it ideal for precision agricultural vehicles.



PozStar Q2-200

Integration of GNSS full frequency & dual antenna heading technology greatly improves multibeam boat performance, delivering precise bathymetry & efficient hydrographic operation.

Features:

- Dual antenna support delivers precise positioning & reliable directional accuracy for high performance applications.
- This is the most advanced model in the Q series.





FJD Trion P2

Next-Generation Portable Design, Industrial-Grade Accuracy
Weighing just 700g, the FJD Trion P2 LiDAR Scanner delivers centimeter-level precision, real-time colorized point clouds, and multi-format outputs. Its field-ready design lets professionals capture complex landscapes and intricate details with ease.

FJD Trion S2

The FJD Trion S2 LIDAR Scanner boasts advanced VIO and SLAM algorithms for generating high-quality and reliable point clouds. Supporting over 8000 coordinate systems, the S2 eliminates the need for time-consuming manual coordinate conversions. By integrating with FJD Trion Scan and Model software and utilizing practical accessories like stabilizing vest, drone mount, car mount, and robot dog mount, the S2 enhances data capturing and processing efficiency for outdoor surveying projects.



FJD Trion S2 Pro

Embed two 12MP cameras to generate high-resolution images with advanced Visual-Inertial Odometry (VIO) and SLAM algorithms, delivering accurate results even in complex environments with fewer feature points.



FJD Trion S2 Max

With an integrated RTK module, directly get georeferenced point clouds on the go. RTK & PPK support ensure accurate data collection in dense tree canopies and other signal-challenging areas. Plus, with over 8000 coordinate systems, no fear of tedious coordinate conversions anymore!





ALPHA Tx

The Alpha Tx represents advanced surveying technology with intelligent functionality and high-performance capabilities.

Features:

- Advanced measurement technology
- High-speed operation
- Enhanced data management
- Superior optical system
- Professional-grade performance

ALPHA 5i

The Alpha 5i is a professional-grade GNSS receiver developed for accurate and reliable field surveying.

Features:

- Multi-frequency GNSS tracking
- RTK positioning support
- Strong satellite lock capability
- Rugged IP-rated design
- Long-lasting battery
- High field productivity



ALPHA 5W

The Alpha 5W is designed for survey professionals seeking powerful performance with seamless connectivity.

Features:

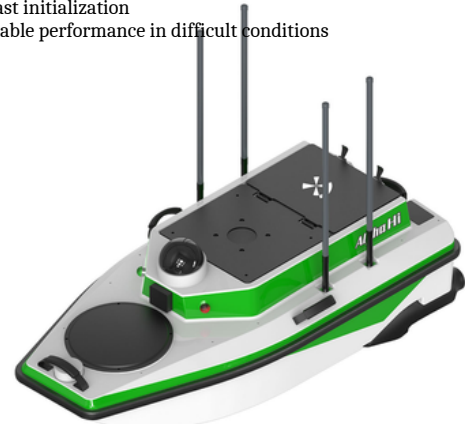
- Advanced GNSS chipset
- High precision positioning
- Wireless connectivity support
- Fast initialization
- Stable performance in difficult conditions

Alpha Hi

The Alpha Hi is designed for survey professionals seeking powerful performance with seamless connectivity.

Features:

- Advanced GNSS chipset
- High precision positioning
- Wireless connectivity support
- Fast initialization
- Stable performance in difficult conditions





ALPHA Mi

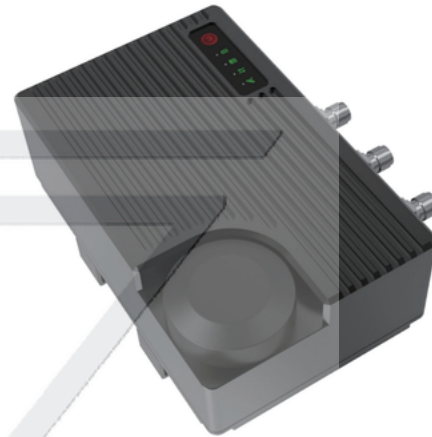
Alpha Mi is exclusively designed for one-person measuring work. Trimaran design ensures stable sailing and is used in conjunction with dual pump jet thruster, RTK, single beam, and HD image. Intelligent ship control are integrated for more convenient and high precision underwater measurement.

- Fully integrated
- One-person-handle
- Detachable Propeller

Alpha Wi

Alpha Wi portable echo sounder can survey areas with depth range up to 200m. With design, it can be quickly assembled and measured on site by a single person. It can be easily set and ready for work. With the standard marine fixing assembly, Alpha Wi can be easily fixed on the manned shipside or unmanned device

- Single Person Sounding System
- Echo Sounder + Host + Power Supply + RTK all integrated



Alpha Fi Tilt Sensor

Alpha Fi is a high-precision double-circle tilt angle measuring instrument, which can measure and output tilt angle data in two orthogonal directions. The sensor supports the output of high-precision and large-range inclination data and can meet the needs of using only one type of data or two types of data at the same time according to different application scenarios and different accuracy requirements.



Standard Operating Procedures

Equipment Inspection



All surveying instruments are inspected before dispatch and field operation to ensure proper functionality, calibration accuracy, battery condition, and accessory availability. Any non-conformance identified during inspection is immediately reported for corrective action.

Maintenance & Calibration



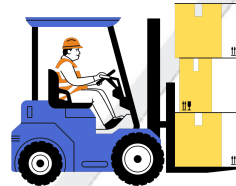
Routine maintenance and periodic calibration are conducted to maintain instrument precision, operational reliability, and long-term performance under field conditions.

Safety & Handling



All instruments are handled with proper safety precautions during transportation, setup, and operation to avoid damage and ensure operator safety.

Storage & Transportation



Survey equipment is stored in secure protective cases and transported using standard safety procedures to prevent vibration, moisture, dust, and physical damage.

Technical Support



Dedicated technical support and after-sales service are provided to ensure uninterrupted operations, troubleshooting assistance, and customer satisfaction.

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