AGI
ASSOCIATION OF GEOSPATIAL INDUSTRIES

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Theme: Geospatial for Urban Governance & Municipal Services

Editors' Note

In today's India, the "where" factor is no longer an afterthought. It is the foundation of urban fiscal and structural health today for many Indian cities, leading by example. Municipalities are moving away from siloed data toward integrated GIS platforms that act as a single source of truth. The impact of this shift is best seen through the lens of diverse urban challenges.

In one of the world's oldest living cities – Varanasi, for instance, the Integrated Command and Control Centre (ICCC) uses a geospatial backbone. From tracking solid waste vehicles to heritage conservation, it proves that high-tech interventions can thrive within ancient urban fabrics.

Or take the example of Hyderabad, where the GHMC has set a benchmark by using Geospatial tools for property tax indexing and "Green Mapping." Overlaying satellite imagery with revenue records, the city has successfully identified footprint changes in real-time, so urban growth translates directly into municipal revenue and sustainable development.

The Brihanmumbai Municipal Corporation plans to leverage 3D City Models and LiDAR data to manage massive infrastructure projects in the City of Dreams. "Digital Twins" will enable planners to simulate monsoon flooding and coastal erosion for predictive maintenance instead of reactive repairs.

Or consider Chennai, where the Water as a Service model with integrated Geospatial data will help tackle extreme weather events. With the city's catchment areas and stormwater drains mapped in 3D, the corporation can better predict and optimize risks and assets.

This spatial pivot – a shift toward Actionable Intelligence – could be the very backbone of smart, sustainable, resilient, and global cities. And Geospatial information is at the crux of this development.

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Editorial Board

Message from the President's Desk

Nikhil Kumar
President, AGI

As India's urban population is projected to reach 40% of its total by 2030, the pressure on Municipal Corporations to deliver efficient, transparent, and scalable services has never been greater. The "Smart City" of tomorrow would not just be a collection of infrastructure, but a living ecosystem powered by high-precision geospatial data.

The National Geospatial Policy 2022 and the PM GatiShakti National Master Plan lay a robust foundation for urban transformation. These initiatives have transitioned urban governance from reactive management to proactive, data-driven decision-making. With technologies like 3D City Modeling, Digital Twins, and high-resolution satellite imagery at their disposal, municipal bodies can visualize urban sprawl, optimize resource allocation, and enhance the "Ease of Living" for every citizen.

Applications like GIS-integrated property tax systems, mapping of underground utilities, optimizing solid waste management routes, and advanced spatial analytics to model disaster scenarios and heat islands are going to be pillars of revenue, efficiency, resilience, and safety for tomorrow.

The Indian geospatial industry stands ready as a strategic partner in this vision. Our member companies are pioneering indigenous solutions, from drone-based high-speed mapping to AI-powered urban analytics, tailor-made for the unique complexities of Indian cities. With this collaborative ecosystem in place, the industry is poised to provide not just tools and technologies, but the digital backbone of a Viksit Bharat.

At the Association of Geospatial Industries (AGI), our focus remains on strengthening this ecosystem with wider technology adoption and awareness at the grassroots level of urban administration. Through our continued engagements with targeted stakeholders, we aim to ensure that the power of "where" is harnessed to create smarter, safer, and more sustainable cities for all.

This edition of our newsletter, "Geospatial for Urban Governance & Municipal Services", brings together insights from across the value chain. It also serves as a comprehensive directory of the industry leaders driving these transformations with a curated list of AGI's Member Profiles and their core competencies.

Enjoy Reading!

Nikhil Kumar
President, AGI

Case Study – Esri India

MCD Achieves Effective Governance with ArcGIS

Organization Profile

The three existing civic bodies, East Delhi Municipal Corporation (EDMC), North Delhi Municipal Corporation (NDMC), and South Delhi Municipal Corporation (SDMC) are re-unified into a single entity as Municipal Corporation of Delhi. The Municipal Corporation of Delhi is one of the largest municipal bodies in the world providing civic services to approximately 20 million citizens of Delhi. It occupies an area of 1397.3 sq. km. which is sub-divided into 12 Zones i.e. Centre, South, West, Najafgarh, Rohini, Civil Lines, Karol Bagh, SP-City, Keshavpuram, Narela, Shahdara North & Shahdara South.

Project Summary

The MCD GIS citizen portal is a step towards better governance taken by the Municipal Corporation of Delhi to allow the citizens of Delhi to avail various services through an easy-to-use interface along with geo-referential data. The main purpose of this project is to provide a planning tool and updated information for departmental officers to design their projects/ schemes that help in delivering hassle free, transparent and efficient services to its citizens. The services include public outreach, tower location analysis, property tax, tax comparison, factory and general trade licenses, health and veterinary trade licenses, Tehbazari, birth & death registration, swatchta karamchari attendance, seasonal mosquito control monitoring, etc.

Challenges

Under the conventional system, the Municipal Corporation of Delhi (MCD) faced numerous challenges in effectively managing its widely dispersed resources and assets. Access to critical data was restrained within specific zones and wards jurisdictions, relying primarily on different computer systems, Excel files, and paper-based workflows. The absence of an efficient and consolidated monitoring mechanism contributed to an uneven distribution of resources and a fragmented understanding of the overall area. Consequently, budget allocations for the improvement of MCD's jurisdiction exhibited inconsistency, obstructing the seamless implementation of targeted developmental initiatives. Furthermore, the decision-making process suffered from siloed information and the unavailability of a structured visualization tool, resulting in limited analytical insights and hindrances in strategic planning. The constraints of the conventional system were a significant challenge to MCD's capacity to efficiently manage resources and make well-informed decisions.

Solution

Esri India's holistic solution has efficiently resolved the challenges faced by MCD through a single window-enabled GIS portal. The following measures have been taken to address the challenges:

Data Model Design: Implementation of a robust data model for structured data management and seamless integration equipped with GPL and Postgres.

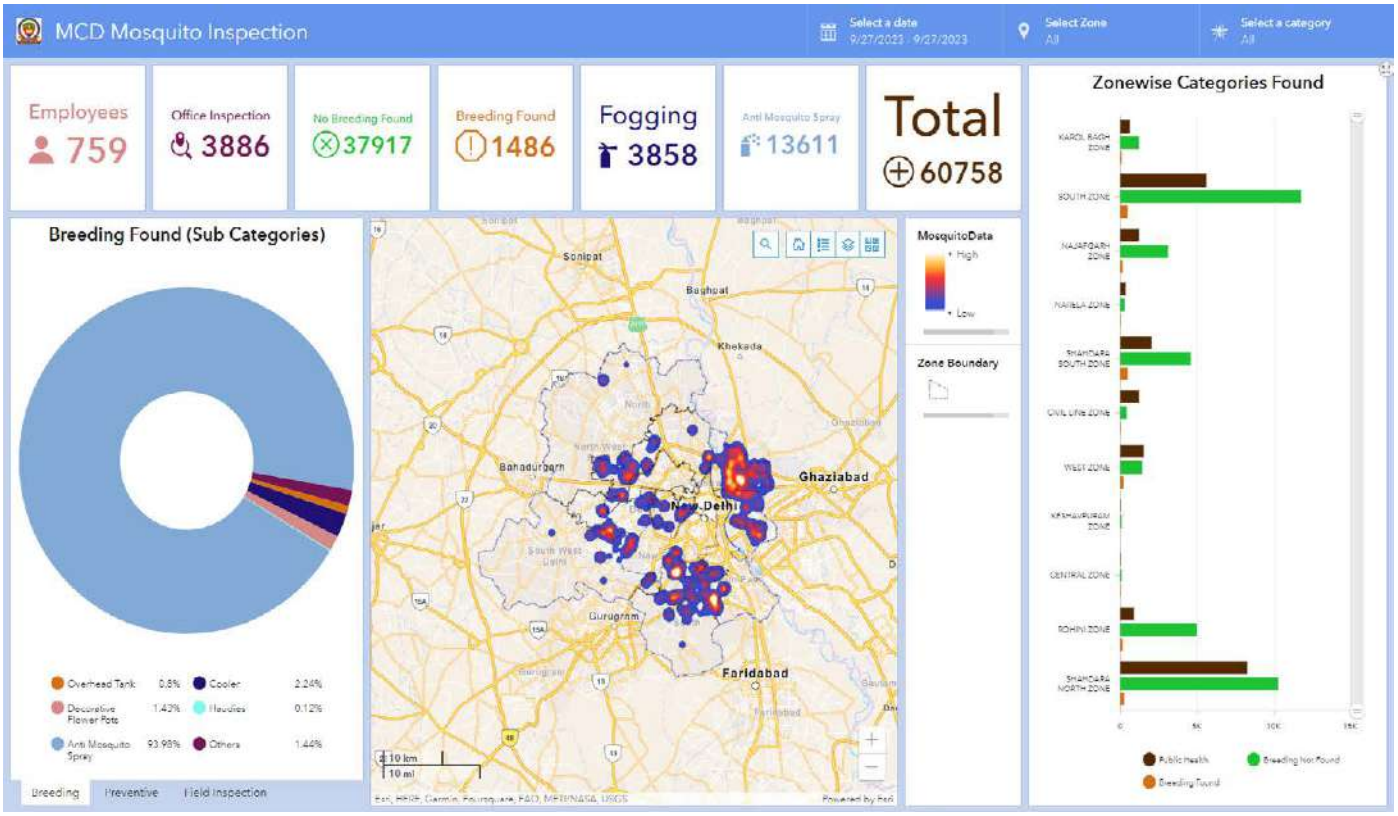
Existing Data Migration: Smooth transition of existing data from the conventional system to the GIS platform, preserving critical historical records and information.

Data Preparation/Publishing: Facilitation of accurate data preparation and publishing, ensuring data reliability within the GIS framework. Web Application Development: Creation of intuitive web applications for simplified access and visualization of geospatial data, streamlining asset monitoring and management.

Mobile App for Property Tax Survey: Integration of a mobile application for property tax surveys, enabling efficient data collection and real-time updates for accurate property tax assessments.

Capital Project Plan App: Implementation of a dedicated application for the planning and monitoring of infrastructure development projects, optimizing resource allocation, and enhancing project management efficiency.

Dashboards: Development of interactive dashboards offering stakeholders comprehensive insights and real-time updates on various operational aspects, fostering data-driven decision-making.



Scripts: Deployment of customized scripts automating complex processes, streamlining tasks, and enhancing operational efficiency within the MCD's framework. This includes the integration of various APIs through which the department is enabled to embed the data on real-time basis for quick and correct decisions.

User-Level Training on Developed Applications: Conducting comprehensive training sessions for users to ensure proficiency in utilizing the newly developed applications, fostering self-sufficiency, and promoting the widespread adoption of the GIS platform within the organization.

The solution's suite of web applications has brought about a host of additional benefits, including expanded public outreach capabilities, comprehensive analysis of tower locations, streamlined management of property tax records along with geo-tagged properties, insightful tax comparison functionalities, efficient oversight of factory and general trade licenses, improved administration of health and veterinary trade licenses, simplified processes for managing Tehbazari activities, seamless handling of birth and death registrations, enhanced monitoring of Swatchta Karamchari attendance, and effective oversight of seasonal mosquito control activities.

These web applications have collectively contributed to the overall efficiency and transparency of the Municipal Corporation of Delhi's operations, promoting enhanced service delivery and streamlined administrative processes.

Benefits

Visualization of MCD Assets and Properties: The GIS solution enables the visualization of MCD assets and properties with metadata on a comprehensive GIS map, incorporating essential geodata for enhanced spatial analysis and informed decision-making.

Integration with Online Applications: The system's integration with various online applications enables the display of real-time visualization of thematic maps, providing updated status information for tower permission applications, property tax, licenses, and other relevant processes, ensuring transparency and streamlined workflow.

Simplified Information Management: The GIS tool simplifies the overall process of compiling, handling, manipulating, interpreting, and distributing information for the department, fostering improved data management and operational efficiency.

Enhanced Communication and Decision-Making: The strengthened communication and decision-making systems facilitated by the GIS solution promote better collaboration among stakeholders, leading to more informed and effective decision-making processes within the MCD.

Streamlined Resource Management: The sourced information through the GIS platform significantly eases day-to-day resource management, providing valuable insights for efficient resource allocation and utilization, thereby improving operational efficacy and resource optimization.

Article – Avineon India

"MapChat": Avineon's AI-Powered Geospatial Intelligence for Strategic Decision-Making

In today's data-rich environment, municipal corporations, urban development authorities and utilities possess more geographic information than ever before—from utility networks mapped to the component level to real-time transportation data. This wealth of geodata holds the key to effective decision-making; however, it often remains inaccessible to the very people who need it most. While organisations continue to invest in sophisticated Geographic Information Systems (GIS), many struggle to translate these technical investments into everyday business value.

Avineon, a global leader in geospatial solutions with over thirty years of experience, has developed "MapChat", an AI-based agent that provides an effective solution to this challenge. MapChat transforms complex geospatial data into immediately actionable insights by enabling natural language conversations with your geodata—without any technical barriers. This technology bridges the gap between technical specialists and decision-makers, resulting in faster decisions, optimal utilisation of GIS investments, and greater value from spatial data.

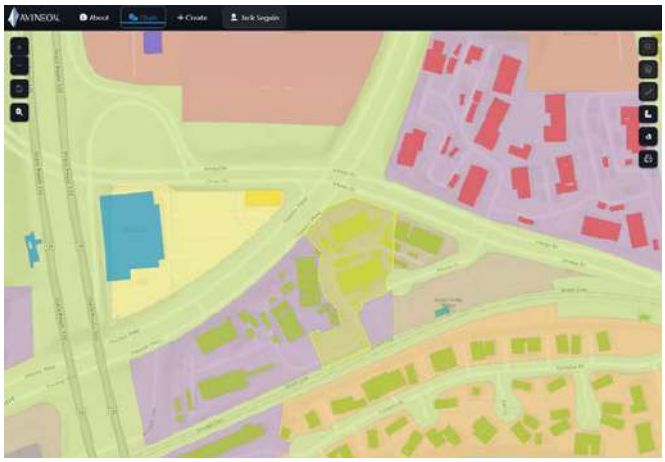
MapChat is an intelligent AI assistant that makes geospatial information from your ArcGIS and integrated systems easily accessible and usable, without requiring complex GIS tools. Unlike general-purpose chatbots, MapChat has been specifically developed to understand spatial relationships, geographic terminology, and the unique structure of geospatial datasets. It can interpret questions about proximity, containment, intersection, and other spatial concepts that would typically confuse conventional AI assistants.

Key Differences: Traditional vs MapChat Approach

Traditional Approach	MapChat Approach
Users navigate complex GIS interfaces	Users ask questions in natural language
Understanding technical terminology is required	Everyday language is translated into GIS queries
Creating visualisations requires specialist skills	AI automatically generates relevant visualisations
Multiple iterations between user and GIS team	Direct, immediate answers to questions
Limited to technical users	Accessible to everyone in the organisation

Example: A city planner receives a permit application for a multifamily development and needs to quickly verify whether the parcel meets zoning and density requirements. Instead of digging through multiple GIS layers or requesting a report, they ask **MapChat:** "Summarize the land use of the parcel".

MapChat instantly aggregates the relevant data, confirms the zoning classification, highlights allowable density and unit limits, flags applicable overlays, and presents a clear summary—enabling the planner to rapidly assess compliance and move the application forward with confidence.



Technical Capabilities That Empower Users

From a technical perspective, MapChat offers powerful capabilities while remaining easy to use:

- Natural language processing that understands spatial context and geographic relationships
- Direct navigation to key data points on the map for deeper analysis
- Summarisation of complex data into actionable insights without technical jargon
- Continuous improvement of results from user interactions to improve accuracy
- Location-specific intelligence for focused analysis
- Easy management of GeoAI assistants with customised names, descriptions, maps, layers, and fields

The more an organisation uses MapChat, the smarter it becomes—continuously refining insights and improving accuracy.

Maintaining Security While Providing Access

Security is paramount for any AI solution, and MapChat addresses this comprehensively:

- Your geospatial data remains 100% under your control—secure within ArcGIS Enterprise or ArcGIS Online environments
- MapChat does not store user's geospatial data; all interactions are fully encrypted
- Flexible deployment options enable on-premises implementation without third-party data transfer
- Built on secure, industry-leading platforms such as Microsoft Azure and Esri ArcGIS

Measuring Return on Investment

When evaluating MapChat, organisations should consider both quantitative and qualitative benefits:

Quantitative Benefits:

- Time savings: 30–40% reduction in routine GIS query effort
- Faster decision-making: Insights delivered in minutes instead of days
- Broader adoption: 3–5x increase in geospatial usage across teams
- Resource optimisation: Improved asset utilisation through spatial awareness

Qualitative Benefits:

- Improved satisfaction among business analysts and users
- Enhanced collaboration between technical and business teams
- Higher-quality decisions through spatial context
- Greater innovation as GIS experts focus on high-value work

The most significant ROI comes from making existing geospatial systems accessible to a broader audience—maximising the value of current investments rather than requiring new ones.

MapChat transforms spatial and non-spatial data into instant insights through natural conversations, enabling smarter decisions across the organisation while saving time, optimising resources, and enhancing safety and compliance.

About Avineon

Avineon is a global technology and consulting firm specialising in IT, geospatial (GIS), and engineering services, headquartered in McLean, Virginia, USA. Established in 1992, the company has grown into a multinational organisation with a strong presence across North America, Europe, Asia, and Australia, serving over 300 clients in more than 30 countries.

Avineon helps organisations improve operational efficiency and decision-making through digital transformation and spatial intelligence. Its capabilities include GIS implementation, data engineering, application development, IT modernisation, and 3D modelling.

A key strength lies in its deep geospatial expertise. As an Esri partner, Avineon delivers solutions for asset management, network design, urban planning, and smart cities, along with enterprise system integration.

Serving industries such as utilities, telecommunications, transportation, oil and gas, real estate, and government, Avineon provides end-to-end services—from consulting and design to implementation and support.

With over 1,000 professionals and certifications such as ISO and CMMI Level 3, Avineon ensures high-quality, reliable delivery.

Overall, Avineon positions itself as a trusted partner for digital modernisation and geospatial innovation.

Call to Action

To learn more about how MapChat can transform your approach to geospatial data, or to request a personalised demonstration, please contact us at gssbd@avineonindia.com

Article – GeoNomads Consulting

Geospatial Mapping of Public Buildings: A Governance Approach

Bhupesh Gupta, Founder & CEO, GeoNomads Consulting

Government departments responsible for infrastructure often manage a vast portfolio of physical assets spread across large geographies. Among these, buildings—ranging from administrative offices and residential quarters to institutional structures—form a critical component. However, in many cases, information related to these assets exists in fragmented, non-spatial formats, making it difficult to visualize, manage and utilize effectively.

Geospatial technologies offer a structured way to transform such dispersed records into a unified, spatially enabled system. By converting tabular data into geo-referenced building footprints and integrating associated attributes, departments can significantly improve visibility, planning and monitoring of their assets. This article presents a case from Gujarat, where a building mapping initiative was undertaken to support asset governance within a state-level public department.

Context and Need

The Roads & Buildings Department, Gujarat manages an extensive network of public infrastructure, including a large number of residential and non-residential buildings distributed across the state. While detailed records of these assets existed, they were primarily maintained in tabular formats, often at the division level, with variations in structure, completeness and accuracy.

This created several practical challenges. Without a spatial reference, it was difficult to visualize the distribution of assets across regions or assess their relationship with surrounding infrastructure. Tracking and verifying assets, especially across multiple administrative units, required significant effort. In addition, inconsistencies and gaps in data made it challenging to derive meaningful insights for planning or monitoring purposes.

There was a clear need to develop a centralized, geo-referenced building database that could bring together dispersed information into a coherent and usable form, enabling better oversight and decision-making at the departmental level.

Project Overview

GeoNomads undertook a building mapping assignment in Gujarat to support initiatives of the Roads & Buildings Department, aimed at creating a high-resolution, GIS-based database of buildings constructed and maintained by the department.

The scope involved handling data associated with more than ten thousand buildings, coordinated across multiple divisions. The objective was not only to map these assets spatially but also to organize and structure the underlying information for easy access, visualization and analysis.

The project required careful handling of data originating from different sources and formats, along with the development of a systematic approach to ensure consistency and accuracy across the dataset.

Methodology

The methodology adopted for the project was designed to address both the scale and complexity of the data. It involved a combination of remote sensing interpretation, mapping and structured data validation.

The process began with the compilation and standardization of building records available in tabular form. These records provided essential information such as location references, building characteristics and associated attributes.

Using high-resolution satellite imagery as a base, each building was identified and mapped, ensuring accurate representation of its footprint. In cases where direct identification was challenging, additional interpretation techniques were applied, including analysis of building size, configuration, surrounding features and temporal imagery to verify construction timelines.

Attributes associated with each building—drawn from the original dataset—were integrated with the spatial layer, resulting in a comprehensive geospatial

database. Given the variability and inconsistencies in the source data, rigorous quality checks were carried out at multiple stages to ensure alignment between spatial features and attribute information.

The approach emphasized maintaining data integrity while minimizing the need for extensive ground verification, thereby optimizing both time and cost.

Key Outputs

The project resulted in a structured, scalable geospatial dataset that transformed previously non-spatial records into a usable digital asset. Key outputs included:

- A complete building footprint layer covering residential and non-residential assets under the department
- A unified GIS database integrating spatial geometry with detailed attribute information
- Standardized datasets enabling visualization, querying and analysis across administrative divisions
- A foundation for further integration with digital platforms for monitoring and management

The transition from tabular records to a spatial database significantly enhanced the usability of the data, allowing it to be explored and analyzed in ways that were not previously possible.

Impacts and Benefits

The availability of a spatial building database brings a fundamental shift in how infrastructure assets can be managed at the departmental level.

Firstly, it provides complete visibility of assets across the state, enabling decision-makers to understand their spatial distribution and plan interventions more effectively. This is particularly important for departments operating at scale, where manual tracking of assets is both time-consuming and prone to errors.

Secondly, the dataset supports better planning and prioritization of maintenance and development activities. By visualizing assets in relation to each other and to surrounding infrastructure, it becomes easier to identify gaps, overlaps or areas requiring attention.

Thirdly, the integration of attribute data with spatial information allows for more informed analysis and reporting. Questions related to building type, age, usage, or condition can be explored in a spatial context, improving the quality of decision-making.

Finally, the dataset serves as a foundational layer for digital transformation within the department, enabling future applications such as dashboards, monitoring systems and integration with other geospatial or administrative datasets.

Key Insight

One of the most important insights from this project is that the true value of data lies in its usability. While the department already possessed detailed records of its buildings, their impact was limited due to the absence of spatial context and standardization.

By converting this information into a geospatial format, the same data becomes significantly more powerful—capable of supporting visualization, analysis and informed decision-making. At the same time, this also highlights that data creation alone is not sufficient; equal emphasis must be placed on how it is structured, accessed and used within operational workflows.

Future Outlook

As infrastructure systems continue to expand, the importance of spatially enabled asset management will only increase. Building mapping initiatives such as this can evolve into more comprehensive platforms that integrate multiple layers of information, including roads, utilities and environmental data.

There is also potential to incorporate periodic updates using satellite or drone data, enabling change detection and real-time monitoring of assets. Over time, such systems can support predictive maintenance, better resource allocation and more efficient infrastructure planning.

The adoption of open-source GIS environments further enhances scalability and cost-effectiveness, making it feasible for departments to sustain and expand such systems over the long term.

Ultimately, the success of these initiatives will depend on how effectively geospatial data is embedded into routine decision-making processes, moving from isolated projects to integral components of governance systems.

Conclusion

Building mapping, when implemented thoughtfully, becomes much more than a data generation exercise. It establishes a structured and spatially aware foundation for managing public assets, enabling departments to move from fragmented records to integrated, insight-driven systems.

The experience from this project demonstrates that even with existing data, a systematic geospatial approach can unlock significant value—provided it is aligned with operational needs and supported by consistent usage. As governments continue to adopt digital tools for governance, such initiatives will play a key role in strengthening efficiency, transparency and long-term planning.

Member Profiles

PATRON

AllTerra Solutions LLP is a leading geospatial solutions provider in India, delivering end-to-end capabilities across surveying, mapping, and spatial data management. Established in 2017, the company brings together over 350 person-years of expertise and is the authorized partner of Trimble in India.

AllTerra offers an integrated suite of hardware, software, and training services, enabling high-precision data capture and decision-making across industries. With a strong focus on innovation, localization, and sustainability, the company supports infrastructure, urban planning, and environmental applications through advanced geospatial technologies.

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AMNEX is a leading technology and geospatial solutions company driving digital transformation across India since 2008. With expertise in AI, IoT, GIS, remote sensing, automation, and smart city solutions, the company delivers impactful B2G and enterprise solutions across agriculture, transportation, mining, logistics, utilities, and urban infrastructure. With over 800 professionals and marquee government projects, AMNEX is redefining industries through intelligent systems, precision farming, adaptive traffic management, and advanced geospatial engineering, contributing significantly to India's smart and sustainable development journey.

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Amazon Web Services (AWS), a subsidiary of Amazon, is the world's leading cloud computing platform, offering over 200 fully featured services across computers, storage, databases, analytics, artificial intelligence, and IoT. Launched in 2006, AWS enables organizations to access scalable, on-demand IT infrastructure with a pay-as-you-go model, eliminating the need for heavy upfront investments. Trusted by millions of customers - including startups, enterprises, and governments - AWS supports innovation, agility, and digital transformation across industries through its secure, reliable, and globally distributed cloud infrastructure.

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Established in 1996, Esri India Technologies Pvt. Ltd. (Esri India) is the market leader in geographic information system (GIS) software, location intelligence, and mapping solutions in India. It has delivered pioneering enterprise GIS technology, powered by ArcGIS, to more than 6,500 organizations in government, private, academia, and non-profit sectors. The company also offers Indo ArcGIS, a unique GIS technology, solution products, and data offering suited for government organizations. Headquartered in Noida (Delhi NCR), the company is distinguished by a diverse workforce, with women comprising more than 40% of its employees.

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GENESYS

Genesys International Corporation Ltd. is a leading Indian geospatial technology company specializing in advanced mapping, surveying, and GIS solutions. Established in 1995 and headquartered in Mumbai, the company offers end-to-end geospatial services including LiDAR, photogrammetry, remote sensing, and application development. With over 2,000 professionals and global project experience, Genesys delivers innovative products such as 3D Digital Twins, GeoAI, and HD maps for navigation and urban planning.

Serving sectors like infrastructure, telecom, utilities, and disaster management, the company plays a key role in driving spatial intelligence and digital transformation across industries.

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John Deere

Deere & Company, founded in 1837, is a Fortune500 Company and is the world's leading manufacturer of agricultural and forestry equipment, a major manufacturer of construction equipment, and a leading supplier of equipment used in lawn, grounds and turf care. John Deere has been a leader in the modernization of agricultural practices in several regions of the world. John Deere India, a subsidiary of Deere and Company USA, has been serving the Indian farmers since 1998. John Deere India has been a significant player in manufacturing tractors, harvesters and aggregates in India and export to over 110 countries globally.

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HEXAGON

Hexagon India is the regional arm of Hexagon AB, a global leader in Survey, Mapping, digital reality solutions combining sensor, software, and autonomous technologies. The company delivers advanced capabilities in Surveying, geospatial intelligence, metrology, and reality capture, supporting industries such as Surveying & Engineering, infrastructure, manufacturing, agriculture, and public safety.

With a strong presence in India through Sales and Service Centers, R&D and engineering centers, Hexagon enables high-precision Surveying & mapping, 3D modeling, and data-driven decision-making. Its integrated solutions enhance productivity, quality, and sustainability, contributing to smarter cities, resilient infrastructure, and digital transformation across sectors.

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MapmyIndia

C.E. Info Systems Ltd (NSE: MAPMYINDIA; BSE: 543425) is India's leading digital mapping, geospatial & location-based software and solutions company offering proprietary digital maps as a service ("MaaS"), software as a service ("SaaS") and platform as a service ("PaaS"). The company provides its digital maps, software products, platforms, application programming interfaces ("APIs"), IoT and related solutions to new-age tech companies, large businesses, automotive OEMs, government organizations, developers and consumers, in the Indian market under the MapmyIndia brand, and in the global market under the Mappls brand. Having pioneered digital mapping in India in 1995, it has earned a market leadership position through its comprehensive, accurate, feature-rich and continuously updated digital map data product of the country and has served thousands of enterprise customers since its inception.

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Vantor

Vantor is a next-generation spatial intelligence company specializing in AI-powered geospatial software and Earth observation solutions. Headquartered in the United States, the company emerged in 2025 following the rebranding of Maxar Intelligence, marking its transition into a software-driven spatial intelligence platform.

Vantor integrates data from satellites, drones, and ground sensors to create a real-time, AI-enabled digital twin of the Earth, enabling advanced mapping, monitoring, and decision-making.

Serving defense, government, and commercial sectors, its solutions support applications in navigation, infrastructure monitoring, and mission-critical intelligence operations.

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Trimble

Trimble Inc. is a global technology company delivering advanced solutions that connect the physical and digital worlds through positioning, modeling, and data analytics. Founded in 1978 and headquartered in the United States, Trimble provides integrated hardware, software, and services across industries such as geospatial, construction, agriculture, and transportation.

Its technologies—including GNSS, 3D modeling, and cloud-based platforms—enable high-precision mapping, asset management, and workflow optimization.

By enhancing productivity, accuracy, and sustainability, Trimble supports data-driven decision-making and digital transformation across critical global sectors.

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NeoGeo
NeoGeoInfo Technologies Pvt. Ltd.
(Formerly known as GeoInfosys Technologies)

NeoGeoInfo Technologies Ltd. is an India-based geospatial technology company specializing in system integration, spatial data analytics, and location intelligence solutions. With over two decades of experience, the company delivers end-to-end services including mapping, data acquisition, modeling, and geospatial analytics.

Leveraging advanced technologies such as AI, IoT, LiDAR, drones, and satellite imagery, NeoGeoInfo enables data-driven decision-making across sectors like urban governance, infrastructure, utilities, and natural resource management.

Its solutions support digital transformation by converting complex spatial data into actionable insights for planning, monitoring, and operational efficiency.

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Email: sree@neogeoinfo.com

CORPORATE T3

GarudaUAV Soft Solutions Pvt. Ltd. is an India-based drone technology company specializing in UAV-enabled surveying, mapping, and inspection services. Established in 2017 and headquartered in Noida, the company delivers software-driven aerial intelligence solutions across sectors such as infrastructure, mining, agriculture, utilities, and disaster management.

Leveraging advanced technologies including LiDAR, thermal imaging, and AI-powered analytics through its proprietary "BlueHawk" platform, GarudaUAV enables high-precision data capture and real-time decision-making.

Its integrated solutions support efficient project monitoring, asset management, and digital transformation across diverse industry applications.

Contact: Atanu Sinha, CEO
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SECON Private Limited is a leading Indian geospatial and multidisciplinary engineering consulting firm, established in 1981 and headquartered in Bengaluru. The company provides end-to-end solutions across the entire infrastructure project lifecycle, including surveying, investigation, planning, design, construction management, and GIS-based asset management.

With strong expertise in LiDAR, photogrammetry, remote sensing, and geotechnical engineering, SECON serves sectors such as highways, water resources, oil & gas, and urban development.

Its integrated, technology-driven approach enables high-precision mapping and data-driven decision-making for large-scale infrastructure and environmental projects.

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CORPORATE T2

Aarvee Associates Architects Engineers & Consultants Pvt. Ltd. is a leading multi-disciplinary infrastructure consulting firm headquartered in Hyderabad, India. Established in 1989, the company provides end-to-end services spanning surveying, geospatial solutions, engineering design, and project management across sectors such as transport, water resources, urban development, and energy.

With a strong global presence across Asia, Africa, the Middle East, and Australia, Aarvee leverages advanced technologies including GIS, remote sensing, and LiDAR to deliver high-precision, data-driven solutions.

Its integrated approach supports large-scale infrastructure development and sustainable planning worldwide.

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Avineon is a global technology service provider specializing in spatial intelligence, digital modernization, and engineering support services for government and commercial organisations globally. Avineon has been providing data conversion, application development, consulting and managed services in the geospatial segment for over three decades. Avineon has extensive expertise and experience in geospatial analytics, AI, 2D/3D data services, advanced data integration and a long-standing partnership with technology OEMs like ESRI and Safe Software (FME). Its integrated approach supports efficient asset management, enterprise digital transformation and data-driven decision-making across sectors such as utilities, telecom, transportation, infrastructure, and public services. Having served over 300 customers in 30+ countries, Avineon emphasizes on quality, innovation, and long-term client relationships.

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Ceinsys Tech Limited (CS TECH AI) is a global technology company delivering advanced solutions in geospatial intelligence, engineering, mobility, and digital technologies. Established in 1998 and headquartered in Nagpur, it operates across India, the USA, Europe, and the UAE. A publicly listed, CMMI Level 5 organization, it integrates GIS, remote sensing, LiDAR, BIM, and digital twins to enable end-to-end digital workflows. The company serves sectors including infrastructure, energy, transportation, and manufacturing, offering data-driven insights, AI/ML capabilities, and real-time solutions. Guided by "Enhancing Possibilities," CS TECH AI drives smarter infrastructure and sustainable growth worldwide.

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Pixel Softek Pvt. Ltd. is a geospatial, broadband network, and enterprise IT solutions company with over two decades of experience in delivering integrated digital solutions. The company specializes in broadband network design, GIS-based analytics, and custom IT applications, enabling organizations to build and manage high-performance infrastructure.

Serving global clients across telecom, utilities, and enterprise sectors, Pixel Softek combines geospatial intelligence with advanced analytics to drive efficient planning and decision-making.

Its technology-driven approach supports scalable network deployment, digital transformation, and the development of resilient, connected ecosystems.

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IIC Technologies Ltd. is a global geospatial solutions and services company, founded in 1994 and headquartered in Hyderabad, India. The company provides end-to-end capabilities for the acquisition, management, integration, and dissemination of geospatial data across air, land, and marine environments.

Its expertise spans marine and terrestrial surveys, photogrammetry, software development, and system integration, serving sectors such as defense, aeronautics, infrastructure, utilities, and natural resources.

With a strong global presence and multidisciplinary approach, IIC Technologies enables high-quality mapping, spatial analytics, and data-driven decision-making for complex, large-scale projects.

Contact: Ravi DVS, Vice President
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A mapmaker's job is never done. In a world that's always moving, so is TomTom — guided by one clear vision: to build the most useful, most accurate map there is. We turn a constant stream of data into clarity, transforming complexity into context our customers can act on.

Today, we don't just build for end users. We build for the builders — from public sector innovators and automotive leaders to insurtechs, logistics providers and digital platforms. Our data powers a wide range of industries. And with powerful APIs, SDKs and developer-ready tools, TomTom makes it easy to bring location intelligence into market-ready solutions — helping our partners and customers scale faster, improve adoption of their tech and push boundaries of what's possible. The result is smarter decisions at scale. Greater accuracy. Finer granularity. More reliable insights that inform decisions leading to better mobility experiences, safer roads, more efficient cities and services people can trust.

Headquartered in Amsterdam, with 3,300 employees worldwide, TomTom has been shaping the future of mobility for over 30 years.

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SGL Resources Ltd. (SLGI GIS) is an India-based geospatial technology company specializing in GIS software development, spatial data services, and image processing solutions. The company focuses on delivering web-based GIS applications, cadastral mapping, and digitization projects for government and enterprise clients.

With experience in smart city initiatives, fiber network planning, and land records digitization, SGL has collaborated with institutions such as ISRO and state governments to implement large-scale geospatial projects.

Its technology-driven approach supports data-driven planning, infrastructure development, and efficient resource management across sectors.

Rainbow Technologies is an India-based geomatics and engineering solutions company, established in 2011 and headquartered in Kolkata. The company provides end-to-end services across surveying, mining engineering, geotechnical investigations, and geospatial applications, supported by a team with extensive industry experience.

It offers advanced solutions using technologies such as DGPS, LiDAR, photogrammetry, and 3D laser scanning, along with consultancy and project implementation services. As a partner to global OEMs including Leica Geosystems and Reftek, Rainbow Technologies delivers high-precision instruments and data-driven solutions for infrastructure, mining, and geohazard monitoring applications.

CORPORATE TI

Advent Oilfield Services Private Limited, incorporated in 2014, is an India-based company delivering integrated services across the upstream oil & gas value chain. Within a decade, the company has emerged as a leading Indian service provider in land seismic data acquisition (2D/3D) and processing, along with oil well services, project management, and engineering support.

Since 2023, Advent has expanded into Geomatics, Geospatial, and Geoscience services, rapidly establishing itself as a reliable partner for DGPS/ETS/GPR surveys, mapping, GIS database creation, and Web-GIS solutions. Backed by a team of experienced professionals, the company is committed to delivering high-accuracy, technology-driven solutions with a strong focus on efficiency, safety, and compliance with industry standards.

Contact: Krishan Dev Sood, Advisor & Head- Advent Data Solutions
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Mapex AI Pvt. Ltd. is a next-generation geospatial intelligence company headquartered in Noida, India, delivering AI-powered GIS, 3D mapping, and data engineering solutions. The company provides end-to-end services including surveying, LiDAR, photogrammetry, and advanced spatial analytics to support data-driven decision-making across infrastructure, utilities, urban planning, and governance.

With expertise in integrating UAVs, satellite imagery, and AI technologies, Mapex enables high-accuracy mapping and scalable digital platforms such as GIS dashboards and property mapping systems.

Operating across India and global markets, Mapex focuses on building smart, sustainable, and future-ready infrastructure through intelligent geospatial solutions.

Contact: Surendra Das, Vice President, Chief Executive Officer
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Bhugol GIS Pvt. Ltd.

Bhugol GIS Pvt. Ltd. is an India-based geospatial technology and analytics company headquartered in Mumbai. Established in 2006 and incubated at IIT Bombay, the company develops GIS software and spatial analytics solutions.

Its proprietary platform, GRAM++ (Geo-Referenced Area Management), integrates mapping, data analytics, and image processing capabilities.

Bhugol GIS provides products, services, and training for sectors such as urban planning, infrastructure, natural resource management, and disaster management, supporting data-driven decision-making through geospatial technologies.

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EDS TECHNOLOGIES

EDS Technologies Pvt. Ltd. is an India-based technology solutions company specializing in engineering software, simulation, and geospatial technologies. Founded in 1995 and headquartered in Bengaluru, the company provides solutions including CAD/CAM/CAE, product lifecycle management (PLM), electronic design automation (EDA), and visual simulation.

It partners with global technology providers to deliver software, consulting, and training services across sectors such as aerospace, automotive, infrastructure, and electronics.

EDS Technologies supports organizations in design, analysis, and digital workflows through integrated technology platforms and services.

CyberSWIFT®
CMMI DEV/3

CyberSWIFT Infotech Pvt. Ltd. is a CMMI Level 3 accredited and ISO-certified IT and geospatial services company headquartered in Kolkata, with a presence in the USA. With over 25 years of industry experience, the company specializes in Geographic Information Systems (GIS), enterprise software solutions, and mobile application development.

CyberSWIFT delivers end-to-end solutions to government agencies and enterprise clients across sectors such as power, telecom, land management, urban planning, and Corporate Social Responsibility. By harnessing location intelligence and advanced data management capabilities, the company enables informed decision-making, enhances operational efficiency, and drives sustainable growth.

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Excel Geomatics

Excel Geomatics Pvt. Ltd. is an India-based geospatial and IT solutions company headquartered in Noida, Uttar Pradesh. Established in 2011, the company specializes in the use of Earth observation data and provides geographic information system (GIS) solutions to public and private sector organizations.

Its services include geospatial data creation, modeling, satellite imagery analysis, and web-based GIS and IT solutions, using technologies such as remote sensing, LiDAR, photogrammetry, and surveying.

Excel Geomatics supports applications across sectors including infrastructure, agriculture, telecom, and environmental management through data-driven analysis and digital platforms.

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Geospatial World (GW) is a globally recognized knowledge organization and think tank dedicated to advancing the role of geospatial technologies and space-based infrastructure in the world economy and society. Guided by its vision, "Making a Difference through Geospatial Knowledge and Space Infrastructure in the World Economy and Society," the organization has played a pivotal role in shaping the global geospatial and space narrative for nearly three decades.

With a strong foundation in thought leadership, policy advocacy, and technology evangelism, Geospatial World operates at the intersection of geospatial intelligence, satellite technologies, and digital transformation. It actively promotes the integration of Earth observation systems, satellite data, GIS, and spatial analytics into governance, infrastructure development, environmental sustainability, and economic planning.

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QuantaSIP Geomatic Informative Solutions Pvt. Ltd. is a Pune-based geospatial and Agri-FinTech company delivering data-driven solutions for BFSI, insurance, and infrastructure sectors. With strong capabilities in cadastral data, ownership verification, and GeoKYC, the company supports banks and insurers in risk assessment and lending decisions. Having processed 2.5M+ land records across 18 states, QuantaSIP combines GIS, remote sensing, and analytics to deliver scalable APIs, reports, and data processing services. Its focus on "Clear, Cleansed, Corrected Maps" positions it as a trusted partner for digital transformation in BFSI by using geospatial intelligence.

Contact: Javed Shaikh, Founder
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GSL Associates Pvt. Ltd. is an India-based geospatial solutions provider specializing in aerial data acquisition, mapping, and asset inspection services. Established in 1997 and headquartered in New Delhi, the company delivers high-quality geospatial solutions through its in-house expertise and global partnerships.

Its capabilities include LiDAR mapping, photogrammetry, 3D modeling, mobile mapping, and infrastructure inspection, supporting sectors such as utilities, transportation, and energy.

GSL focuses on leveraging advanced technologies and analytics to enable accurate decision-making and efficient asset management across diverse geospatial applications.

JSAN Consulting Ltd. is a global IT consulting and technology services company delivering end-to-end digital transformation, business advisory, and staffing solutions. Headquartered in Berlin, with a presence across Europe, the USA, and APAC, the company supports organizations in navigating complex business and technology challenges.

Its core offerings include technology consulting, data analytics, cloud, AI, and enterprise solutions, along with program management and workforce services.

Serving industries such as finance, manufacturing, retail, and government, JSAN focuses on enabling scalable, cost-effective, and innovation-driven business growth through agile and data-driven solutions.

Contact: Ram Reddy, Director
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Marvel Geospatial Solutions Pvt. Ltd. is redefining the role of spatial intelligence in 2026. Established in 2008 and headquartered in Hyderabad, the company provides end-to-end geospatial solutions spanning surveying, photogrammetry, GIS/CAD, LiDAR, BIM, and digital twin technologies.

With expertise in drone-based data acquisition, satellite imagery, and advanced analytics, Marvel supports mission-critical decision-making across infrastructure, urban planning, mining, utilities, and disaster management. Operating across India, the Middle East, Europe, and North America, the company continues to deliver high-quality geospatial information and innovation-led solutions to governments, enterprises, and institutions worldwide.

Contact: Boyapally Raghavendra, CEO
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Monarch Surveyors & Engineering Consultants Ltd. is a leading infrastructure consultancy and geospatial solutions provider in India, delivering end-to-end services across the project lifecycle—from feasibility studies and design to execution and project management. Established in 1999, the company specializes in engineering surveys, GIS mapping, LiDAR, and remote sensing technologies to support data-driven planning and decision-making.

Serving sectors such as transportation, urban development, water resources, and energy, Monarch enables efficient infrastructure development through high-precision spatial data and integrated engineering expertise.

With a strong focus on innovation and sustainability, the company combines advanced geospatial intelligence with multidisciplinary engineering capabilities to deliver resilient and future-ready infrastructure solutions.

Contact: Anuran Gayali, Vice President, Business Development
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Matrix Geo Solutions Limited is a New Delhi-based geospatial technology and engineering consultancy specializing in advanced survey, mapping, and spatial data analytics. Established in 2008, the company delivers end-to-end solutions using drone-based surveys, LiDAR, photogrammetry, GIS, and remote sensing technologies.

Its services support sectors such as railways, highways, mining, water resources, energy, and urban planning, enabling efficient infrastructure development and resource management.

With expertise in integrating satellite imagery, UAVs, and AI-driven analytics, Matrix Geo transforms complex spatial data into actionable insights for governments and enterprises, driving smarter, faster, and more sustainable decision-making.

Contact: Rahul Jain, Founder and Managing Director
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ML Infomap is an Information Technology company specialising in GIS solutions, maps, data and apps. Established in 1993 by GIS expert Dr Manosi Lahiri, it uses multiple technologies like Mobile and Cloud computing, Internet of Things, AI ML, satellite and drone data, spatial analytics and 3D visualisation, to develop and implement solutions for automating business operations. It focuses on solutions for several verticals including fleet management and transportation, digital transformation, infrastructure and asset management.

Recent projects by ML Infomap used MERN stack and cloud-based GIS tools like geocoding, geofencing, linear referencing and routing to develop enterprise solutions for transport infrastructure and fleet operations across India. Ongoing projects rely on AI:ML, modelling and prediction for terrain analysis and refining the skilling environment. Its customers are in India, USA, Europe, Japan and NZ.

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Email: atul@mlinfomap.com

NASCENT

Nascent Info Technologies Pvt. Ltd. is an Ahmedabad-based IT and geospatial solutions company specializing in Enterprise GIS, e-Governance, and Smart City applications. Established in 2006–07, the company delivers end-to-end digital transformation services, including software design and development, mobile applications, and GIS-based platforms for decision-making.

With expertise in WebGIS, municipal ERP systems, and spatial data solutions, Nascent supports sectors such as urban governance, oil & gas, and retail through scalable and data-driven technologies.

Backed by certifications like CMMI Level 3, the company focuses on innovation, enabling organizations to enhance operational efficiency and build smarter, technology-enabled ecosystems.

ROTER

Roter Group of Companies an India-based organization engaged in surveying, mapping, and geospatial services. Established in 1936, the group started as India's first small scale industry producing high quality Surveying instruments. Ever since it evolved from traditional surveying instruments to modern Opto-electronic platforms adopting modern technologies such as LiDAR, GNSS, GPR and Drones/UAV/UAS.

The group also develops in-house software to provide services including aerial and ground surveys, 3D mapping, and spatial data processing, supporting sectors such as road infrastructure, construction, mining & utilities. Its operations focus on one stop shop for Instruments, Software solutions and geospatial data production.

Contact: Sajid Mukhtar, Chairman-cum-Managing Director
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PDRL

PDRL is a leading DroneTech company transforming how industries use drone technology. Founded in 2018, it delivers innovative, reliable, and high-performance drone solutions that enhance efficiency, accuracy, and impact across sectors. Guided by the belief that technology should save time, PDRL focuses on creating simple yet powerful products that improve lives and business operations. Its user-friendly solutions integrate advanced technology with real-world applications. With a vision of "creating more time to live," PDRL aims to drive meaningful social value while targeting significant economic growth for its people, partners, and stakeholders by FY35–36.

Contact: Mahavir Goel, Vice President & Sales Head
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SATPALDA 20 YEARS

Satpalda is a leading provider of satellite imagery, geospatial analytics, and GIS-based solutions, serving government, enterprise, and research organizations globally. Established in 2002, the company brings over two decades of experience in photogrammetry, remote sensing, and spatial data services.

Its offerings include high-resolution satellite imagery, terrain modelling, 3D city mapping, web GIS, and advanced geospatial intelligence solutions supporting sectors such as infrastructure, agriculture, defense, and environmental management.

With a strong focus on innovation and quality, SATPALDA leverages cutting-edge technologies and global partnerships to deliver accurate, actionable insights for planning, monitoring, and decision-making.

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Tech Mahindra (NSE: TECHM) offers technology consulting and digital solutions to global enterprises across industries, enabling transformative scale at unparalleled speed. With 149,000+ professionals across 90+ countries helping 1100+ clients, Tech Mahindra provides a full spectrum of services including consulting, information technology, enterprise applications, business process services, engineering services, network services, customer experience & design, AI & analytics, and cloud & infrastructure services. It is the first Indian company in the world to have been awarded the Sustainable Markets Initiative's Terra Carta Seal, which recognizes global companies that are actively leading the charge to create a climate and nature-positive future. Tech Mahindra is part of the Mahindra Group, founded in 1945, one of the largest and most admired multinational federation of companies.

Tech Mahindra offers end-to-end geospatial services integrating the entire data value chain from capture to reporting. Our advanced workflows ensure high-precision data acquisition and processing, empowering organizations to visualize geospatial intelligence, conduct in-depth analysis, and generate actionable reports.

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Bhoomicam Private Limited is an India-based geospatial-AI agritech startup founded in 2022 and led by faculty member Dr. Siddhartha Khare from IIT Roorkee. The company focuses on delivering intelligent, data-driven solutions across agriculture, natural resource management, and emerging geospatial applications.

Bhoomicam leverages satellite imagery, drone data, and IoT-based field inputs to generate real-time, plot-level insights. Its flagship BhoomiCrop Analytics SaaS platform and BhoomiSurvey field application provide services such as crop health monitoring, irrigation advisory, pest and disease alerts, yield estimation, and damage assessment. The platform integrates multi-season and multi-source geospatial datasets to enable predictive analytics and decision support for farmers, FPOs, agri-enterprises, insurers, and government agencies.

Bhoomicam has been recognized under national initiatives such as the IN-SPACe Seed Fund Scheme and the Operation Dronagiri program of DST.

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Startup

Aakashe is an India-based geospatial intelligence platform specializing in drone imagery, aerial mapping, and spatial data analytics. Established in 2018 and headquartered in Thane, Maharashtra, the company provides a cloud-based platform that enables users to access high-resolution drone data for visualization and analysis.

Its solutions support applications such as infrastructure planning, urban development, and asset monitoring by integrating drone data with GIS software and analytics tools. Aakashe focuses on enabling faster access to geospatial data and supporting data-driven decision-making through scalable, technology-enabled workflows.

Contact: Ankush Sengupta, Co-Founder & CEO
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Dhineu Solutions Private Limited is an India-based technology company headquartered in Hyderabad, Telangana, established in 2023. The company specializes in artificial intelligence, GeoAI, data analytics, and Internet of Things (IoT) solutions, delivering software and digital platforms for enterprise and government applications. Its offerings include application development, spatial analytics, cloud-based systems, and data-driven decision support tools across sectors such as infrastructure, logistics, agriculture, and public services. Dhineu focuses on integrating advanced technologies to improve operational efficiency, automate workflows, and enable data-driven planning and decision-making.

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Emitech Infosystems Pvt. Ltd. is an India-based geospatial and information technology company headquartered in Kolkata, established in 2019. The company provides solutions in Geographic Information Systems (GIS), remote sensing, and IT services, supporting clients across government and enterprise sectors.

Its offerings include GIS consulting, spatial data creation, aerial and DGPS surveys, web and mobile application development, and cloud-based solutions.

With partnerships with technology providers such as Esri and Trimble, Emitech delivers integrated geospatial and IT-enabled solutions for mapping, data analysis, and decision-support applications.

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Garudalytics Private Limited is an India-based geospatial technology and AI solutions company headquartered in Hyderabad, established in 2021. The company specializes in location intelligence, combining geospatial data with artificial intelligence, IoT, and analytics to address spatial challenges.

Its offerings include geospatial application development, cloud-based platforms, and GeoAI solutions for sectors such as agriculture, urban planning, utilities, defense, and environmental monitoring.

Garudalytics focuses on transforming location data into actionable insights through integrated digital platforms, enabling organizations to support planning, monitoring, and data-driven decision-making across diverse applications.

Contact: Dr. VSS Kiran, CEO
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GalaxEye Space Solutions Pvt. Ltd. is an India-based space technology company founded in 2021, with roots at IIT Madras. The company focuses on developing advanced Earth observation systems, including multi-sensor imaging satellites that combine optical and synthetic aperture radar (SAR) capabilities.

Its flagship initiative, Mission Drishti, aims to deliver all-weather, day-and-night satellite imagery by integrating multiple sensing technologies on a single platform.

GalaxEye provides geospatial data and analytics for sectors such as defense, agriculture, infrastructure, and environmental monitoring, supporting data-driven decision-making through space-based intelligence solutions.

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GeoNomads Consulting is an India-based geospatial advisory and technology firm headquartered in Gandhinagar, Gujarat, established in 2003. The company works at the intersection of GIS, remote sensing, and spatial intelligence to support data-driven planning and sustainable development.

GeoNomads provides geospatial advisory, analytics, and monitoring solutions, including GIS strategy, spatial analysis, drone and LiDAR-based mapping, WebGIS platforms and capacity building, supporting sectors such as infrastructure, environment, disaster management, social, rural-urban, agriculture and governance. With a focus on translating geospatial data into practical decision support, the company enables better planning, project monitoring, and resource management through well-structured spatial solutions.

Contact: Bhupesh Gupta, Founder & CEO
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GrowBit is an India-based business services and geospatial solutions company headquartered in Hyderabad, Telangana. Established in 2021, the company provides services in GIS surveys, data analytics, merchant onboarding, and customer engagement solutions.

Its offerings include spatial data collection, verification services, and digital platforms that support enterprise operations and decision-making.

GrowBit works with organizations across sectors to enable efficient workflows, compliance processes, and data-driven insights through integrated technology and service-based solutions.

Contact: Saleem Basha Founder & CEO
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JANAKS is an India-based technology company providing digital solutions for the Architecture, Engineering, and Construction (AEC) industry. Headquartered in Chennai, the company offers services including design and drafting, Building Information Modelling (BIM), digital twin development, and 3D visualization.

Its offerings also include software solutions, customization, and training services to support project design, planning, and execution workflows.

JANAKS works with organizations of varying scales, focusing on improving design processes, enhancing productivity, and supporting digital transformation through integrated engineering and geospatial technologies.

Contact: Jai Shankar Raja, CEO
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Nebula Cloud is a next-generation execution-grade cloud platform for engineering, spatial intelligence, AI, and digital twin workloads built to move teams from experimentation to production at scale. Positioned as Asia's first fully managed HPC and Engineering Execution Platform, Nebula Cloud unifies hardware intelligence, software orchestration, and workflow automation to run complex workloads reliably across cloud, hybrid, and edge environments without vendor lock-in.

At its core, Nebula Cloud delivers production-ready Workbenches and Capability Packs for CAD, CAM, CAE, CFD, GIS, GeoAI, Multimedia, AR/VR, AI/ML, Digital Twins, Simulation, and PLM, enabling faster deployment, predictable performance, and controlled costs. Our platform follows a vertical-first deployment model, where the same underlying execution layer powers multiple domains such as infrastructure, railways, tourism, urban planning, manufacturing, energy, education, and research through configurable data, tools, and workflows.

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Sanyark Space is pioneering in building India's first Multi-mission Nav-Com Satellite Constellation to deliver high-precision Positioning, Navigation, and Timing (PNT) services integrated with secure communications for M2M/IoT aligning with 3GPP standards, enabling a sovereign, secure, hyper-connected and autonomous world. For the geospatial industry, Sanyark's LEO-based constellation delivers centimeter-level precision positioning and real-time correction services (PPP-RTK/HAS) that dramatically enhance the accuracy and reliability of geospatial data capture across surveying, mapping, GIS, and remote sensing applications. This sovereign, always-available PNT layer, combined with direct satellite-to-device connectivity, enables next-generation geospatial workflows including autonomous ground surveys, precision agriculture mapping, and real-time asset tracking.

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Skylan Information Technology Pvt. Ltd. is an India-based geospatial and IT solutions company headquartered in Noida, Uttar Pradesh. Established in 2013, the company provides services in GIS mapping, drone-based surveys, LiDAR, and spatial data analytics.

Its offerings include survey and mapping, cadastral mapping, data management, and geospatial application development, supporting sectors such as telecom, infrastructure, urban governance, and utilities.

Skylan focuses on integrating geospatial technologies with software solutions to support data-driven planning, asset management, and digital transformation across public and private sector projects.

Yantrovaa Technology Private Limited is an innovative Mobility-as-a-Service (MaaS) company focused on simplifying and digitizing urban mobility infrastructure. Founded in 2025 and headquartered in Ghaziabad, Uttar Pradesh, the company aims to make everyday mobility more connected, efficient, and user-friendly.

Yantrovaa has developed an integrated IoT and EV-enabled smart mobility intelligence platform that digitizes and optimizes parking infrastructure in real time. The platform enables accurate parking detection, intelligent navigation, and seamless user experiences across urban environments. A key innovation lies in the use of sensor fusion and spatial computing to enable indoor positioning and intelligent pathfinding in GPS-denied environments such as multi-level parking facilities. This allows users to effortlessly navigate to available parking slots, locate their vehicles, and access EV charging infrastructure efficiently.

Contact: Shashank Jaiswal, Founder & CEO
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SkyServe is an India-based space technology company specializing in AI-powered edge computing and geospatial analytics for satellite platforms. Founded in 2020 and headquartered in Bengaluru, the company enables real-time processing of Earth observation data directly onboard satellites.

Its platform allows deployment and management of AI models in space, reducing latency and data transmission requirements while improving efficiency and scalability.

SkyServe supports applications across sectors such as infrastructure, environmental monitoring, and risk analysis, providing insights-as-a-service through satellite-based data processing and analytics solutions.

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YelloSkye is an India-based drone technology and geospatial analytics company headquartered in Pune, established in 2019. The company provides Drone-as-a-Service (DaaS) solutions, offering aerial data capture, mapping, inspection, and analytics for infrastructure and industrial applications.

Its services include aerial mapping, 2D/3D modelling, asset monitoring, and AI-driven data analytics, supporting sectors such as construction, real estate, energy, and manufacturing.

YelloSkye focuses on enabling organizations to access accurate, real-time spatial information for planning, monitoring, and operational decision-making through integrated geospatial and drone-based solutions.

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