



AgronomIQ



BRINGING VISIONS TO LIFE WITH TECHNOLOGY



OUR VISION

Leveraging our in-house knowledge pool to lead geospatial revolutions through innovative ideas, we transform data into actionable insights and implement exemplary solutions tailored to meet specific client needs worldwide



OUR MISSION

Our vision is to shape a future where geospatial technology catalyzes transformative progress and unlocks new opportunities for organizations and societies. We strive to be at the forefront of developing innovative GIS solutions that tackle the challenges by fostering a smarter and more connected world. By empowering our clients with data-driven insights, we aim to promote sustainable development and positively impact the global society.

At **Azure Cloud Services Private Limited**, our journey began in 2021 with a bold vision: to transform industries and communities through the power of geospatial technology. From mapping complex terrains to advancing AI/ML-based agritech solutions, and developing a modular, role-based, configurable platform for property tax management, our path has been defined by innovation, precision, and unwavering dedication.



OUR VALUES

Our values are centred around delivering the highest quality geospatial services and solutions, ensuring exceptional experience to our customers. We are committed to upholding the highest ethical standards in all our operations, fostering trust and integrity in every interaction. We also believe in creating a work environment that empowers our employees to grow, innovate, and thrive, making our company the best place to work and collaborate.



OUR GOALS

To remain an irreplaceable GIS solution partner by achieving strategic synergy through innovative capabilities, cutting-edge GIS technologies and dynamic customization.



OUR JOURNEY

2021



Inception of Azure Clouds Services Private Limited. Building association with various State and Central Governments, PSUs, and Private Organizations.

Secured many projects in GIS based Property Tax Administration and have a partnership with Google Street-View Image Acquisition.



2022

2023



Achieved growth from the first year, working on multiple projects with several verticals: Utility, Land Record Administration, Navigation, Infrastructure etc. Empaneled with Shretron and UPDESCO

Moving from 2D GIS to 5D GIS working to support multiple National Programmes: DILRMP, AMRUT, Gati shakti etc..Empaneled with DOIT, CIDC & TCIL.

2024



2025



Vision to be a Geospatial innovative Limited organization to solve the complex problems of the ecosystem.



AZURE CLOUDS

Delivering cutting-EDGE Geospatial solutions utilizing innovative technology

Azure Cloud Services Private Limited (ACSPL) is a leading organization specializing in cutting-edge geospatial solutions tailored to diverse mapping and GIS needs. We provide on-demand, actionable insights that help clients see the big picture, from macro to micro levels. Using proprietary platforms integrated with machine learning and dynamic workflows, Azure creates geospatial assets with data intelligence and localization. We work across sectors, customizing geo-centric structures to meet specific project needs. Our partnerships with State and Central Governments, PSUs, and private organizations underscore our commitment to advancing digital transformation, particularly in support of the 'Digital India' initiative. With accurate data and localized intelligence, clients can trust Azure's solutions to make better decisions. We also develop 360-degree HD maps and offer a wide range of specialized services, including field surveys, AI-powered data collection, 2D & 3D mapping, digital twins, BIM engineering, and mobile app development. Our GIS technology is instrumental in fields such as property taxation, smart cities, utilities, urban planning, transportation, and natural resource management.



50+
CLIENTS



25+
PROJECTS

OUR KEY SERVICES & SOLUTIONS

Revolutionizing Geospatial Service with Next-gen technology

Azure Cloud Services Private Limited stands as a leader in delivering cutting-edge solutions in Geospatial Domain. We empower organizations to harness the power of technology, addressing complex challenges with precision and innovation.

Azure Clouds Offers state-of-the-art Product Development using Geospatial and AI/ML Models in the areas of Water, Agriculture, Natural Resources, urban planning, and Development.

GEOSPATIAL SERVICES

- *Property Tax Management System*
- *Utility Mapping*
- *Regional & Master Plan*
- *Smart City*
- *Land Record*
- *Navigation*
- *3D Mapping*

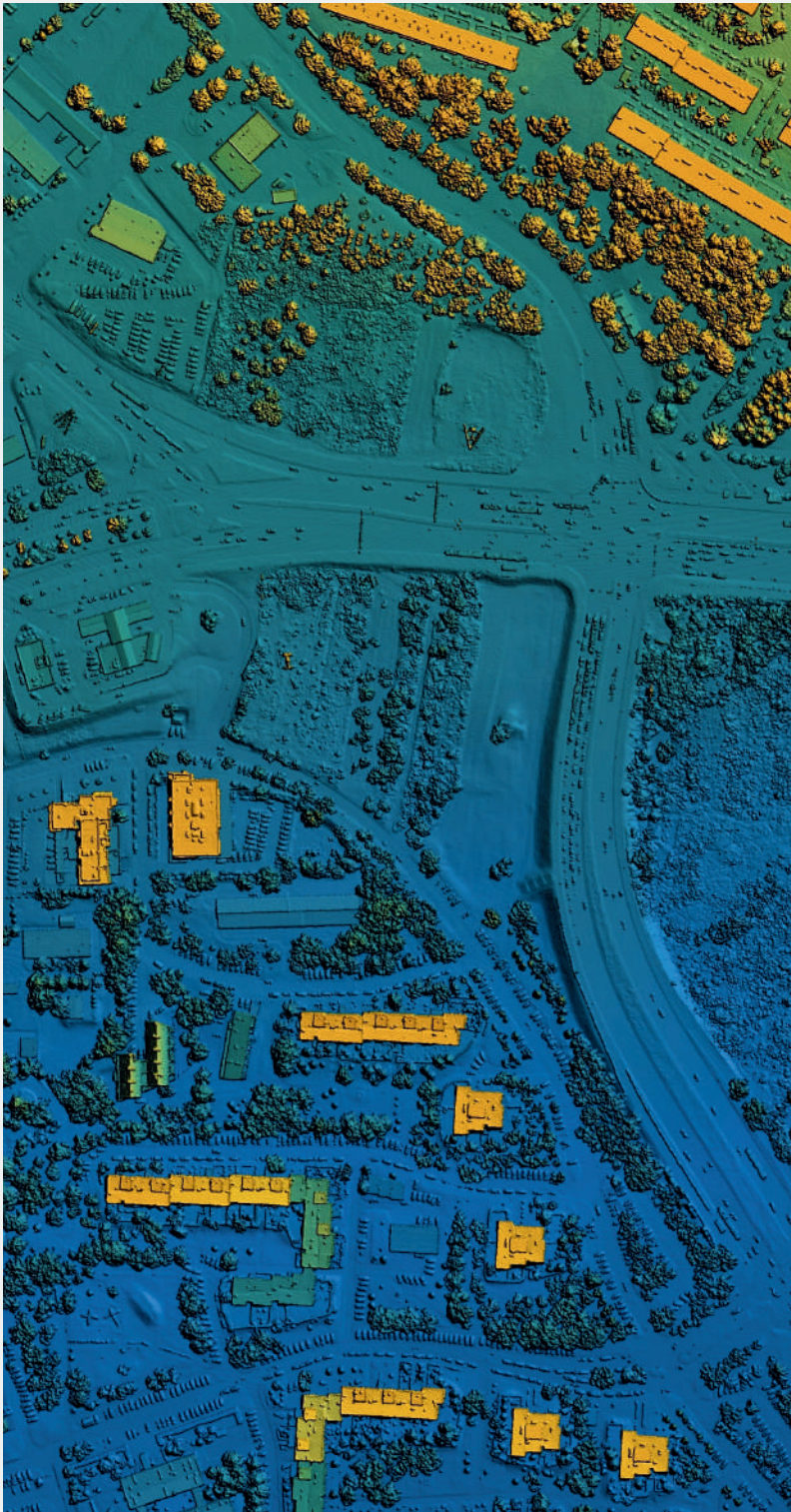
SOLUTIONS

- *Azure Geoconnect*
- *Web enabled Integrated Geospatial Platform and Mobile Application*

PRODUCTS

QGLab
Property | Geo-Location | Assessment | Billing

Agro-nomIQ



OUR CORE SERVICES

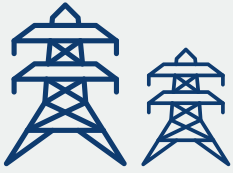


PROPERTY TAX MANAGEMENT SYSTEM

Azure Cloud Services Private Limited leverages geospatial technology to drive transformative efficiency and transparency in property tax assessment. By enabling accurate property mapping and visualization, we ensure comprehensive property records while identifying discrepancies in ownership and usage. The integration of spatial data with tax attributes enhances tax base analysis, streamlining calculation and billing processes. Furthermore, actionable insights through advanced spatial analytics empower better decision-making, improving urban planning and revenue management. This innovative approach strengthens efficiency, accountability, and fairness in property tax administration, reinforcing ACSPL's commitment to advancing geospatial solutions. Completed 500,000+ household surveys for property tax verification.

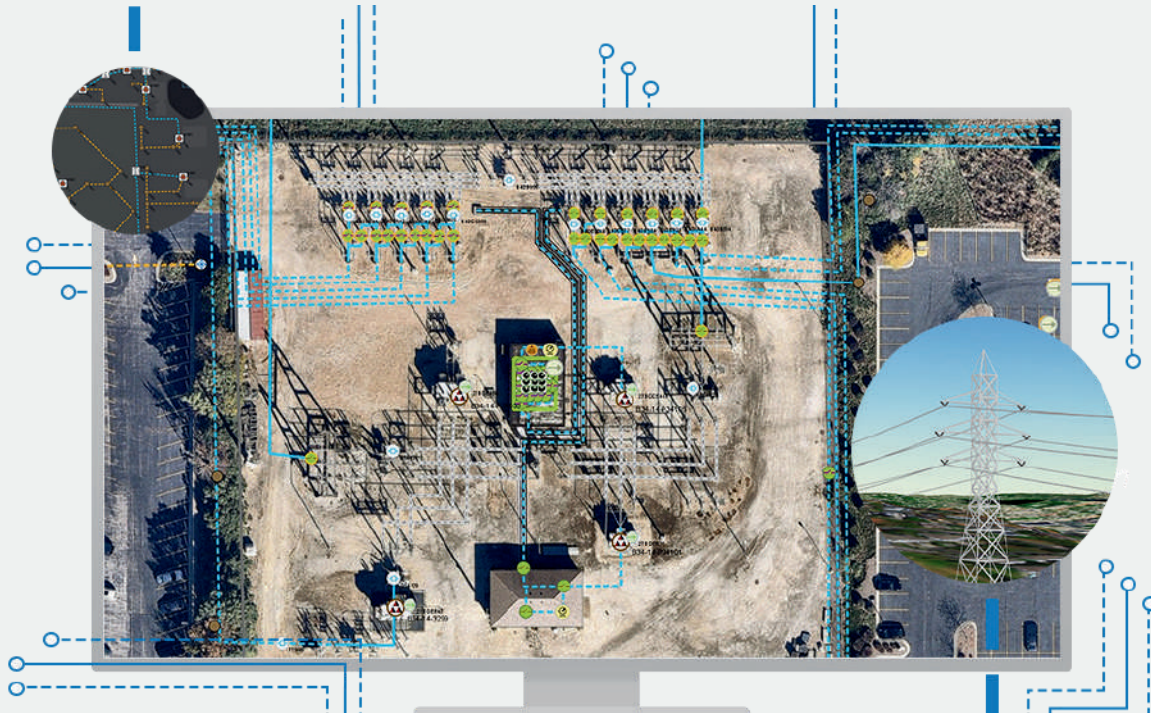
Apart from that, to support many State Governments in Labour Cess tax calculation, Azure Cloud Services Private Limited (ACSPL) uses advanced geospatial analytics with change detection of time series data for precise property marking for consideration of the base year tax slabs. Enhancing efficiency, ACSPL utilizes its in-house developed Azure Geo-Connect, an integrated solution featuring a mobile application for surveys and a dynamic dashboard for automated Labour Cess calculations. This seamless system ensures accurate tax submission for newly constructed properties in compliance with government regulations. By employing innovative technologies, the project minimizes human intervention, streamlines operations, and establishes a robust framework for efficient and transparent tax management.





UTILITY MAPPING

At ACSPL, we recognize the critical need for electricity departments to identify areas of overload and underload to ensure a smooth and reliable electricity flow from power substation to consumers. With this in mind, we have developed an innovative, cutting-edge solution for utility mapping. Our technology enables precise mapping and provides up-to-date information on electric lines, poles, transformers, and substations, ensuring accurate asset management and efficient planning. By integrating spatial data with operational information, our solution helps in identifying the network gaps, optimize load distribution, and assess potential hazards. It also assists in identifying network inefficiencies, optimizing installation routes, and addressing maintenance needs. Our technology optimizes resource allocation to improve service reliability, facilitate sustainable network expansion, and ensure cost-effective management of electric utilities. We have completed 200,000+ consumer indexing for Utility mapping.





MASTER PLAN AND SMART CITY

ACSPL specializes in the field of GIS based Master Planning from Regional to Local Level. We enable planners to visualize and analyze geographical data effectively, facilitating the assessment of land use, infrastructure, environmental factors, and population distribution. Our solutions support digitalization of various maps along with the terrain mapping for efficient zoning, transportation planning, utility management, and disaster risk assessment, making Master Plans more sustainable and to meet future urban development needs.

ACSPL plays a pivotal role in the development and management of smart cities by leveraging geospatial technology for seamless integration and analysis of spatial data, enabling informed decision-making. Our solutions facilitate mapping and monitoring of urban infrastructure, optimization of transportation systems, utility management, and enhancement of public safety. By providing real-time data on traffic patterns, air quality, energy consumption, and waste management, we ensure efficient resource allocation. With detailed insights into urban dynamics, ACSPL empowers city planners and administrators to design sustainable, resilient, and livable cities, enhancing the quality of life for residents while driving better governance and operational efficiency.





LAND RECORD MANAGEMENT SYSTEM

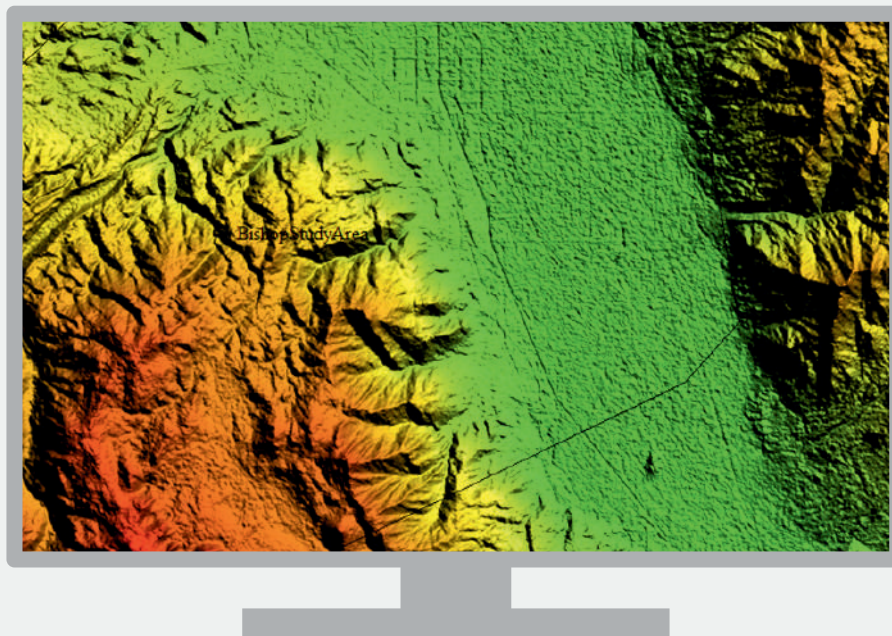
ACSPL has transformed land record management by integrating geospatial technology with traditional land administration practices. Our innovative solutions enable accurate mapping and digitization of land parcels, ensuring precise identification of property boundaries and ownership details. The system streamlines key processes such as land registration, mutation, and dispute resolution, significantly reducing errors and fraud. By offering real-time access to land data, it enhances transparency, facilitates efficient decision-making, and supports urban planning, infrastructure development, and tax collection. This technology-driven approach modernizes land management while empowering stakeholders with reliable and easily accessible land information, paving the way for sustainable development. Achieved the goal of surveying 250+ un-surveyed villages enabled on the Indian map





3D MAPPING

ACSPL plays a pivotal role in advancing 3D mapping by creating detailed and realistic three-dimensional representations of the Earth's surface. By integrating spatial data with elevation and depth information, our solutions enable accurate visualization of terrain, buildings, and infrastructure. This cutting-edge technology supports a wide range of applications, including urban planning, infrastructure development, disaster management, and environmental monitoring, by offering a comprehensive understanding of spatial relationships and topography.





NAVIGATION

Our navigation solutions combine AI-driven road mapping with advanced technologies like TensorFlow and Natural Language Processing for accurate data capture, including road signs and POIs. With expertise in 3D visualization, administrative boundaries, and POI collection via Drive and Feet-on-Street methods, we deliver precise geospatial solutions. Features like manual validation, transliteration, and tools for precision measurement ensure seamless integration and continual refinement of location detection. We have completed 250 km of drive across National and State Highways of India, 5,00,000+ POIs decoding and categorization.



OUR IN-HOUSE INNOVATIONS



MOBILE APPLICATION AND WEB ENABLED INTEGRATED GEOSPATIAL PLATFORM

Azure Clouds Mobile Application is a versatile, ready-to-use solution designed for IT and Non-IT asset data collection across various domains, including Property, Utilities, Roads, Railway projects etc. More than just a field data collection app, it integrates a robust project workflow, offering role-based data and functionality access for every user. This ensures streamlined operations and efficient task management throughout the project lifecycle.

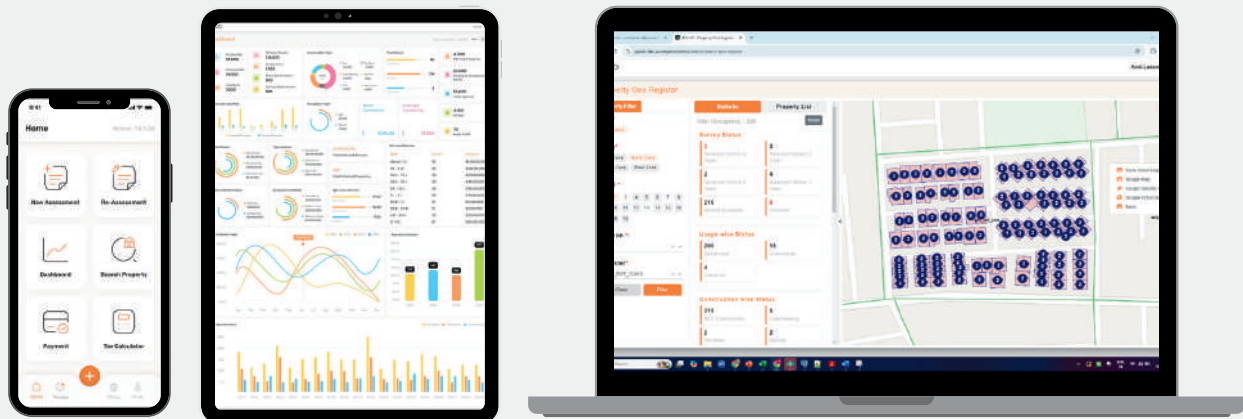
The Mobile Application is also equipped with a dynamic real-time online dashboard and robust reporting tools, designed to empower managers with detailed, actionable insights. These features provide a comprehensive overview of project progress, enabling users to monitor, analyze, and optimize workflows with ease. By presenting critical data in an intuitive and accessible format, it supports informed decision-making, allowing managers to address challenges proactively and ensure seamless project execution. This innovative solution drives precision and efficiency in asset data management, making it an indispensable tool for achieving success in complex, data-driven projects.



The Azure Geo-Connect is an interactive platform that combines geographic information with web-based tools, allowing users to visualize, analyze, and manage spatial data in real time. It provides centralized access to maps, layers, and geospatial datasets through a user-friendly, browser-accessible interface. The portal support decision-making across various domains, such as urban planning, asset management, property tax, and disaster response, by offering features like map rendering, data sharing, spatial analysis, and reporting. With the integration of cloud computing, Azure Geoconnect portals have become scalable, secure, and highly efficient in handling large datasets.

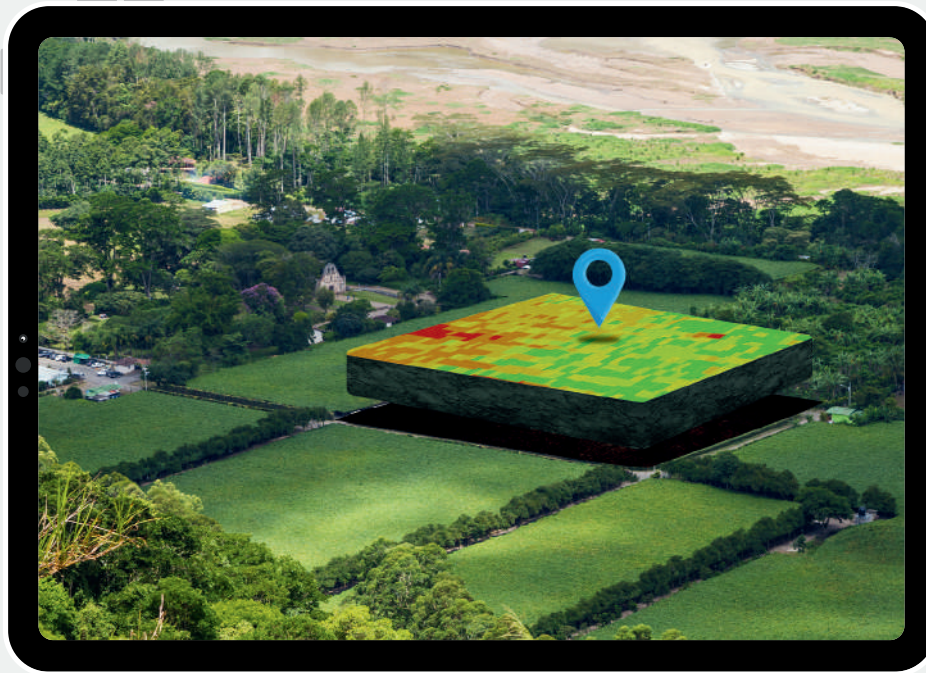
PGLAB - PROPERTY GEOLOCATION ASSESSMENT AND BILLING APPLICATION

PGLAB is a cloud-based, modular, role-based, and configurable platform delivering scalability in property tax assessment. It integrates the power of GIS, mobility, and tax registers to increase revenues, improve citizen satisfaction, and enhance analytics for modern cities and towns. This advanced web platform leverages GIS technology to revolutionize property assessment and taxation, offering interactive mapping, automated property valuations, real-time data integration, and secure online tax payments. These features make property management efficient and transparent. Governments benefit from reduced operational costs, accurate tax calculations, and improved compliance, while property owners enjoy easy access to records, convenient payments, and greater transparency. PGLAB's user-friendly dashboards and customizable tools ensure seamless integration with existing systems. Scalable and secure, PGLAB is designed to meet the unique needs of municipalities and tax authorities. Transform property management today with PGLAB - precision and simplicity in one powerful solution. Additionally, PGLAB operates seamlessly with legacy systems, ensuring transparent inter-departmental collaboration, uniformity of data, and the elimination of duplicate efforts and digital storage issues.



AgronomIQ

AgronomIQ is a cutting-edge Agritech platform harnessing the power of AI and ML to redefine agricultural intelligence with unmatched precision. Utilizing continuous satellite data, it tracks crop progress from individual fields to broader regions, offering actionable insights to boost yields and reduce risks. Its proprietary land parcel maps, enriched with cadastral data, deliver precise farm-level intelligence while scaling seamlessly to national analytics. With advanced adaptive models, high-resolution weather analysis, and pixel-level crop metrics (yield, moisture, health), AgronomIQ ensures dependable insights, reducing reliance on traditional field data. Its photo-based crop identification and stress detection tools empower timely interventions for optimal results. By bridging technology and agriculture, AgronomIQ supports smarter decisions, improved sustainability, and long-term growth for farmers and stakeholders.



Join us as we continue to shape the future of GIS, combining innovation, expertise, and a passion for transforming challenges into opportunities. Together, we're building smarter cities, efficient systems, and a sustainable future.



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