

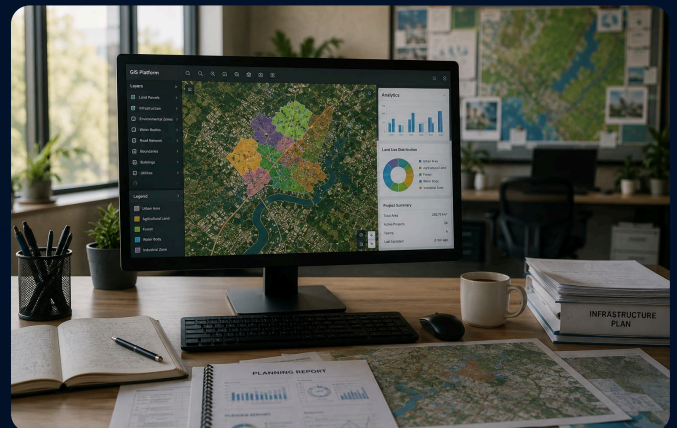


شركة ابتكارات حادة
Sharp Innovations
Innovating The Tech Experience

SHARP GIS

OVERVIEW

The Sharp GIS platform by Sharp Innvotech is a centralized solution designed to visualize, analyze, and manage spatial data, land assets, infrastructure, and environmental zones. It is built to streamline planning operations and improve team collaboration by converting complex geographic data into actionable, real-time insights.



CHALLENGES

- 1. Manual Dependency:** Relying on static maps and manual reporting leads to limited spatial visibility, data fragmentation, and slow planning workflows.
- 2. Complex Data Integration:** Managing large volumes of data from diverse sources—such as satellite imagery, drones, and telemetry—can be technically difficult and prone to integration errors.
- 3. Operational Blind Spots:** Without real-time geospatial intelligence, organizations struggle to track assets and environmental changes accurately across large or complex terrains.
- 4. Compliance and Scaling Hurdles:** Maintaining mapping precision and regulatory compliance becomes increasingly challenging as organizations expand and data complexity grows.



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ANALYSIS

- 1.** Centralized Intelligence: Transitions planning and asset management from fragmented, manual processes to a unified digital ecosystem, acting as a "single source of truth" for all spatial data.
- 2.** Proactive Operational Control: Leverages real-time sensor streams and historical data to identify trends, risks, and resource inefficiencies before they impact project timelines.
- 3.** Strategic Scalability: Engineered to handle growing data complexity, ensuring consistent performance and mapping precision across projects ranging from local sites to large-scale, multi-region deployments.
- 4.** Seamless Organizational Synergy: Eliminates information silos by providing a collaborative, multi-user environment where planning, operations, and maintenance teams work from synchronized map layers.

SOLUTIONS



- 1.** Unified Data Integration: Replaces manual, fragmented processes by centralizing spatial data from satellites, drones, and enterprise databases into a single, secure platform.
- 2.** Interactive Mapping & Layering: Allows teams to overlay and visualize critical infrastructure, land boundaries, and environmental zones on interactive maps for improved spatial understanding.
- 3.** Advanced Geospatial Analytics: Converts complex geographic patterns into actionable insights, enabling teams to identify risks, optimize resource allocation, and improve operational efficiency.
- 4.** Collaborative Decision Support: Provides a multi-user environment where planning, operations, and maintenance teams work from synchronized map layers, eliminating information silos and ensuring a "single source of truth."

KEY FEATURES



Informed Decision Support

Enables teams to plan projects, monitor assets, and make strategic decisions with confidence using real-time geospatial intelligence.



Operational Efficiency

Streamlines planning workflows and collaboration across departments, eliminating information silos and ensuring all teams work from a single source of truth.



Precision & Compliance

Utilizes survey-grade accuracy to ensure mapping reliability, helping organizations meet regulatory land requirements and zoning policies.



Scalable & Intuitive

Designed for planners, engineers, and managers alike, the platform scales to support anything from local projects to large, multi-region deployments without compromising performance.

END RESULT

- **Strategic Planning Empowerment:** Enables data-driven urban planning, infrastructure management, and resource allocation by providing a unified, high-precision view of all spatial assets.
- **Streamlined Cross-Departmental Collaboration:** Eliminates information silos by providing a shared, multi-user environment where planning, operations, and maintenance teams work from a single source of truth.
- **Enhanced Operational Efficiency:** Reduces reliance on manual, fragmented mapping processes, replacing them with automated, real-time geospatial intelligence that speeds up decision-making.
- **Regulatory Compliance & Transparency:** Ensures mapping reliability with survey-grade accuracy, making it easier to meet zoning policies, land requirements, and national regulatory standards.



TECHNOLOGY



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