



Geospatial Capabilities

INNOVATIVE SOLUTIONS FOR CRITICAL MISSIONS



Your data can provide a critical layer of geographic context to resolve the toughest situations facing your organization. Backed by years of industry experience and proven services delivery, our geospatial team can bolster your capabilities to effectively transform your data into meaningful technological insights.

Our staff of certified GIS Professionals deliver cost-conscious, right-sized solutions to achieve dependable, dynamic, and integrated geospatial capabilities within your organizational workflows. Our approach focuses on developing secure, flexible, reliable, and performant solutions tailored to your organization's requirements that rapidly demonstrate business value and organizational insights.



INCATech's GIS Practice (Core Capabilities)

GIS Application Development - Deliver intuitive, highly performant, and multi-platform applications to your end-users. Extend Commercial-Off-the-Shelf (COTS) products or develop custom applications right-sized to your budget and user requirements using commercial and open-source technology.

GIS Enterprise Engineering - Ensuring data security, integrity, and availability within your platform is critical to support users and interdependent systems and applications. From Open Data platforms to secure Enterprise Portals, INCATech has the talent, integrity, and dedication to get you where you need to be.

GIS Data Development - Design, develop, and manage complex geospatial datasets with our team of experts. Maximize adoption of geospatial technology by providing standardized, documented, and accurate data via optimized web services maintained via designated data stewards.

Spatial Analytics & Data Science - Turn data into actionable information. Investigate, detect, and quantify patterns and then visualize your findings using ArcGIS Online/Enterprise, Tableau, and PowerBI to communicate meaningful, valuable, and defensible results to your end-users.

Domains We Work In

- Defense/Intelligence
- Public Safety/Law Enforcement Commercial
- Transportation/Utilities
- Foreign Service/Humanitarian
- Non-Profit/Public Health
- Research & Development



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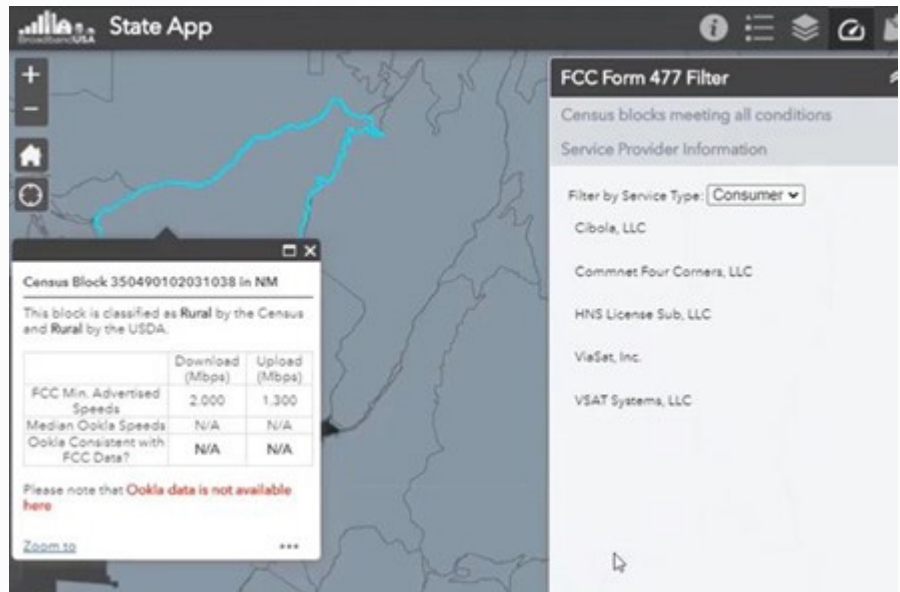
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Our Work: National Telecommunications Information Agency (NTIA)

NTIA's mission included connecting state and federal stake-holders to authoritative Broadband data and resources. We support NTIA by developing national-scale geospatial datasets, applications, and platforms that enable partners to readily access, explore, download/ consume, and explore its data, compiling and organizing data from federal, state, and commercial broadband datasets that support over 36 participating states and four federal agencies. Our support include developing applications such as the Fixed Broadband Application), the National Broadband Availability Map enterprise, training, and data-driven analytical and derivative information products.



What We're Proud Of:

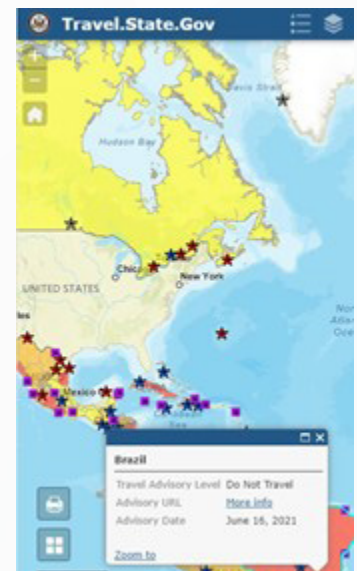
- Project team developing, managing, and hosting of over 270 distinct local and national layers within the National Broadband Availability Map (NBAM) platform.
- Extraction, processing, and analytics of massive spatiotemporal datasets that provide insight into broadband utilization and availability.
- Close collaboration with passionate customer to transform geometrically complex datasets from population demographics into data products and applications that inform policy, research, and civic action.

Our Work: Department of State

The US DoS requires real-time availability of Travel.State.Gov's US Travel Advisory, Embassy, and Consulate information for travel planning and safety purposes. Requiring accurate and timely data updates, INCATech empowered the Bureau of Consular Affairs to make direct changes to the data hosted on ArcGIS Online via customized applications, providing newfound independence when managing data and decisions. INCATech's geospatial team also analyzes emerging geospatial datasets (International Adoption Statistics, Legal Advisories, etc) using interactive maps and web applications to support both public-facing and internal business needs.

What We're Proud Of:

- Over ~1.3 million* users month accessing Travel.State.Gov with 99.99% uptime.
- Developed streamlined data editing processes that empower non-technical users to manage time-sensitive geospatial datasets for quick and accurate delivery and analysis.
- Provide geospatial data science expertise to investigate traditionally non-spatial DoS datasets resulting in valuable insights for Consular Affairs initiatives regarding foreign service and traveler's behavior.



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