IOT GIS Services – 2023

Who We Are:

Geographic Information Systems (GIS) efforts within and across Indiana state agencies are governed by IC 4-23-7.3, Indiana GIS Mapping Standards, which created the Indiana Geographic Information Officer (GIO) and assigned specific responsibilities to that position. The GIO oversees the State's spatial data and technology portfolio and supports teams to build efficient, innovative solutions that benefit the communities and the state. The GIO manages the State Geographic Information Office and the team that helps accomplish the above listed statute and management of internal and external partners to help accomplish the office's strategic goals and priorities.

Per statute, the GIO will "function as the chief officer for GIS matters for state agencies." This function includes review of all state agency purchases of GIS related software, hardware, products, applications and services; management of the enterprise GIS technology environment and expanding state agency capacity to take advantage of GIS. The GIO also has outward facing responsibilities to coordinate Indiana GIS efforts across all levels of government, leverage existing geospatial data assets, establish and enforce data standards, create and maintain new geospatial data as needed, and distribute that data for public access.

Our Mission:

The mission of the Geographic Information Office is to facilitate the development, maintenance, distribution, and use of comprehensive statewide geographic data and geospatial technology to empower governments, universities, and businesses to address issues affecting the Indiana's physical, economic, and social well-being.

Department: 1153

Manager: Megan R.L. Compton, MPA
         Indiana Geographic Information Officer (GIO)

What We Do:
- Coordinate geospatial efforts between and among units of the federal, state, and local governments.
- Integrate GIS data developed and maintained by state agencies and political subdivisions into a statewide base map.
- Develop and maintain statewide framework data layers associated with a statewide base map (orthoimagery, elevation, cadastre/parcels, PLSS, geodetic controls, addresses, street centerlines, government boundaries, and many more.
- Provide public access to GIS data and framework data in locations throughout Indiana via the IndianaMap.
- Serve as GIO for state agencies.

Our Products:

1152a – c – d – o – s   ESRI is the GIS software standard for Indiana government agencies. Our Enterprise agreement includes various map solutions, applications, services and GIS tools for use by state agencies and partners.

Our Tools:

ASM   Ticket Management and SLA Measurement

Our Metrics:
- Resolve customer issues within 40 IOT business hours   90%+ G; 87%+ Y; <87% R
- Timely system and version maintenance and updates

Our Customers:

All State of Indiana Government agencies and anyone accessing the publicly available GIS data, pursuant to IC 4-23-7.3

Our Growth:

1,900+ Users in 35 State Agencies.

An unknown number of state employees and the public are supported by applications that have been built by state agencies using a combination of our GIS technology and GIS data.

All 92 counties and many cities, universities, and companies are using GIS data (aerial photography, Lidar, and framework data layers) provided by the State GIO.

The state hosts and grows the IndianaMap which is a public website from which GIS data can be viewed, printed, or downloaded. The IndianaMap has an average of 23,000 requests per day and about 700 maps are created on the IndianaMap per day.

Recent Major Accomplishments:

In 2022, The GIO completed a 5-year GIO Strategic Plan, which will drive the direction of the team and the priorities based on the wide feedback and interviews with geospatial and technology users and leaders from across the state. The launch of the new IndianaMap along with the growth of the GIS footprint in Indiana is all in alignment with high priority projects to support state government and operations to serve Hoosiers better.

In 2021, Indiana received an overall 'A' in the Geospatial Maturity Assessment from the National States Geographical Information Council (NSGIC). This was the highest overall grade across all 50 states and the District of Columbia. Indiana also received a national award for being a "Catalyst for geospatial advancement" from the same organization in 2021.

Indiana scored highest ('A') in the national Assessment in areas of coordination, cadastre, transportation, geodetic control and government units. The state also fared well in other categories ranked by NSGIC, earning three other 'A-' grades.

"The grades reflect well upon the work and collaboration of not only state government, but also the voluntary participation of 92 counties, university partners and the Indiana Geographic Information Council," said Indiana Geographic Information Officer Megan R.L. Compton. "Indiana has established a framework of coordination that other states are striving to achieve and this importance cannot be overstated. Geographic information data is used by officials in many fields, including public safety and 911, economic development, and planning commissions. Being able to rely on comprehensive data is why Indiana is a leader."

The NSGIC Geospatial Maturity Assessment produces report cards every two years for each state on central data themes and coordination topics. This information is intended to assist state governments with setting goals, identifying peer states for collaboration, identifying areas requiring attention, and connecting with opportunities and resources. It also offers state governments a chance to reflect on their geospatial strategy, operations, and progress.

Current Projects:
- Indiana Statewide Data Harvest   https://www.in.gov/gis/data-sharing/
- Indiana Map   htps://www.IndianaMap.org
- NHD   http://www.in.gov/gis/nhd.htm
- Indiana Data Sharing   http://www.in.gov/gis/datashare.htm
- Orthophotorgraphy/LiDAR   http://www.in.gov/gis/Ortho.htm
- Broadband   http://www.in.gov/gis/Broadband.htm