

GIS Consortium 2022 Project Highlights

myGIS Updates

myGIS is the premiere mapping solution of the GIS Consortium which was released in 2020 and today has over 1,500 users and over 220 available data layers. MGP conducted three major updates to myGIS and key improvements are highlighted below:

1. January – Introduced dark mode improving the experience of public safety users who use myGIS at night. Continued improvements to cartography, new layers, and additional third-party layers.
2. June – Introduced additional historical imagery sourced from county services and Chicago Metropolitan Agency for Planning (CMAP) data in third-party layers. Continued improvements to cartography and new layers.
3. September – Introduced new property ownership name and address information to the parcel pop-up described in more detail below. Continued improvements to cartography, new layers, and third-party data layers.

myGIS Project Sharing

The GIS Consortium Executive Board prioritized and approved the development of new functionality which allows users to share saved projects with other users in their community. Users can save the map configuration in myGIS to quickly visualize information for a special project or a common workflow. While the ability to save projects is helpful for an individual, those projects could not be shared with others which inhibited collaboration and consistency within a department or the community. 31 GIS Consortium members up voted the idea through MGP's idea submission process which garners feedback to improve solutions.

Record Information Services Owner Data Integration

Several GIS Consortium members use Record Information Systems (RIS) data to ensure timely property owner information for several business processes including address notification, recordkeeping, and public safety interfacing. Individual communities were responsible for procuring and distributing the data typically to individual users. MGP and the GIS Consortium Board determined that there were cost and operational efficiencies by jointly procuring this product and integrating it into key solutions for all users.

Ownership information, including name and address, was made available to users in myGIS through the parcel pop-up during the September major update. This data will also be distributed to communities who have GIS and ERP integrations.

Lead Service Inventory

On August 27, 2021, Governor Pritzker signed the [Illinois Lead Service Line Replacement and Notification Act](#) into law requiring owners and operators of community water supplies to develop, implement, and maintain a comprehensive water service line material inventory and replacement plan. Through multiple collaborations, MGP developed standard solutions for inventory management, reporting dashboards, and public communications so all members can comply with this act which saved every community time and money. These collaborations and webinars also opened opportunities where community leaders could share good practices and up to date information.



GIS Consortium Program Accomplishments

Community-Portal Enhancement

Community-Portal is a solution that extends your community's services outside of office hours. Based on an address search, this public-facing portal provides residents and customers access to relevant community data like property details, zoning, local services, school districts, and more. This year an enhancement to apply your community's branding was implemented for all members of the GIS Consortium.

Police Solutions

Several collaboration events with public safety staff including Police and Fire department representatives took place throughout 2022. While there was interest earlier in the year in police transparency and communication portals, that interest changed after the Highland Park shooting and public safety staff have changed focus to emergency management. MGP has an Emergency Management application to help plan and respond to emergency management events.

Real Time Data

GIS Consortium members have expressed interest in real time data solutions to support services such as snowplow tracking and public safety during special events or emergencies. MGP has researched and investigated live data service providers and will formulate a standard in which real time solutions can ingest and visualize that data in a standard method.