



USE CASE

Municipal Asset Inventory

Does your community need an efficient way to conduct a mapped asset inventory?

- ✓ Streamline Data Entry
- ✓ Inventory Assets Faster
- ✓ Customize With Flexible Tagging
- ✓ Increase Accountability and Transparency

Challenge

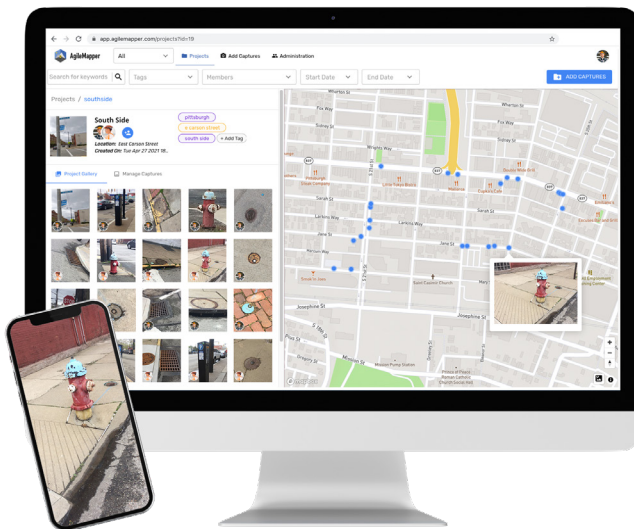
Conduct a Municipal Asset Inventory to accurately catalog and map your public infrastructure assets like signs, street lights, benches, trees, manholes, and fire hydrants.

Constraints

Asset inventory work can be very tedious and time consuming. Finding a comprehensive, user-friendly asset management platform is difficult.

Motivation

The identification, tagging, sorting, mapping, and analysis of each asset image should be fast and intuitive. Storage of images and other data should be secure. Sorting and reporting needs to be logical and flexible. Most of all, the platform needs to communicate an accurate, objective view of all the assets.



Solution

AgileMapper helps you build meaningful maps and make data-driven decisions powered by artificial intelligence (AI).

Start by uploading your existing visual data to the AgileMapper desktop website or by downloading the AgileMapper mobile app on your smartphone. To begin collecting new visual data, use the camera on your smartphone to capture images of each asset. AgileMapper's AI quickly assigns each image appropriate tags, like Street Sign, Fire Hydrant, or Bench, that you can later use to sort and analyze. Or, create your own set of tags based on your current naming conventions.

Now, your asset images, tags, and geo-spatial data are mapped on the interactive AgileMapper platform. With accurately mapped, high-definition imagery and accurate geo-location

you can determine if your sidewalk and sidewalk-adjacent assets are in compliance right from your desk- or use the data to plan maintenance and upgrades. AgileMapper can also be shared in a view-only format internally or externally to improve communication, promote accountability, and increase transparency. If you are already using a major GIS platform like QGIS or Esri, we can help with integration.