

Case Study

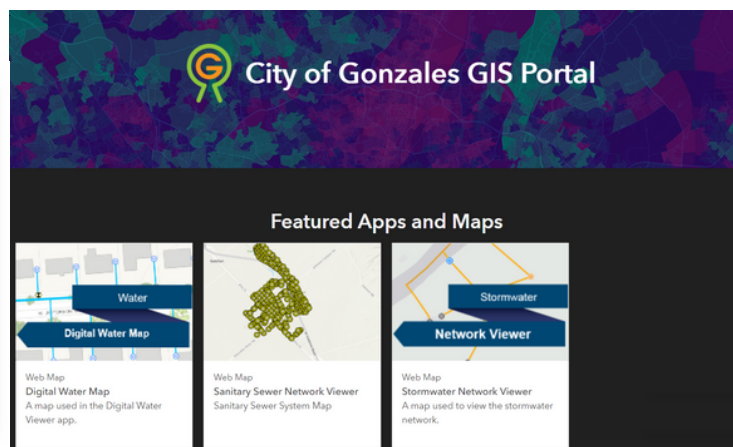
City of Gonzales Empowers Public Works with ArcGIS Online Solutions for Local Government

CHALLENGE

The City of Gonzales (Monterey County, CA) was relying on paper maps for tracking locations of utility assets in their Storm, Water and Sewer networks. This method was time consuming and inefficient for locating assets and planning maintenance operations. The City had digital CAD drawings of their networks but these were usable only in the office and were not accessible to field staff. The City wanted a better way to view their utility network information in the office and in the field, and improve their workflows with faster access.

SOLUTION

After consulting with the City and determining their needs, VESTRA began by converting CAD data to GIS. VESTRA then setup an ArcGIS Online organizational account for the City and published the converted CAD as hosted layers within ArcGIS Online. (The City had purchased a Cloud-based Enterprise Agreement from Esri. This gave the City access to unlimited desktop GIS software and the powerful ArcGIS Online platform with over 200 app solutions for local government). VESTRA used ready to deploy ArcGIS Solutions for Local Government, included with ArcGIS Online such as Water Distribution System Foundation, Mapping for Small Stormwater Systems, and Sewer Data Management. Each of these solutions include a suite of web, mobile, and desktop apps to support mapping the respective systems with data editing, viewing maps in the field and in the office, viewing reports about asset information, and creating map notes.



RESULT

The deployment of ArcGIS Online and included web and mobile applications transformed the way the City functions and performs work related to utility network mapping and maintenance. The City went from no GIS to a suite of web and mobile apps that provided instant value and accessible both in the field and at the office, in a matter of days! Multiple staff with logins can now access any part of the system, and view asset locations and understand their attributes.

Patrick Dobbins, Public Works Director said, "ArcGIS Online has proven to be a leap forward in how we operate and allowed us to modernize our workflows. VESTRA has been instrumental in our transformation and we are pleased with their expert knowledge, guidance, and responsiveness throughout the process." Crystal Dorn, Regional Account Manager at Esri said, "Key partners such as VESTRA are able to fully leverage the advantages provided by Cloud-based Enterprise Agreements and offer a lot of value to clients in a relatively short amount of time."

The City is now in the process of expanding on their asset inventory by using mobile apps like Collector and capturing data directly from the field and expects to make updated information available to anyone across the organization.



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