

Take Your Public Works Data to a Whole New Level . . .with PWIM (Public Works Information Manager)

CAI Technologies understands that DPW users want to explore, analyze and edit system data, not spend time learning complex GIS solutions.

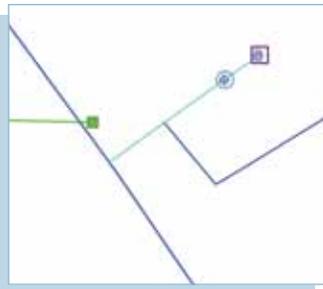
As Public Works systems grow and change, your GIS data needs to change. Whether it's updating attributes for existing features, or incorporating new features after system expansion, the PWIM system provides a powerful, yet simple-to-use GIS solution.

The PWIM solution incorporates Esri state-of-the-art Geodatabase technology along with a very simple user interface.



FEATURES

Assign Relationships in Your Public Works Data



PWIM allows users to establish 'Parent-Child Relationships' between features within the Esri Geodatabase. **The blue Fire Hydrant being a Delta Parent (outlined with a purple square), to its Hydrant Valve Child (outlined with a light blue circle).**

With these relationship rules built in, users can perform edits without corrupting the integrity of the spatial database. Users have the power and confidence to maintain system data with the latest Esri technology –all in a secure, easy-to-use desktop interface.

Develop Your Public Works GIS Data Set

Using seamless integration between the Trimble GPS Analyst extension for Esri ArcMap and the Esri Geodatabase, the CAI Technologies team collects the accurate location of your system structures and maps the system / pipe connectivity while in the field. This cost-effective approach provides PWIM users with a turn-key solution so you can quickly begin capitalizing on the investment in GPS mapping your Public Works systems.

Features continue on back page

Contact CAI Technologies today to learn more about PWIM and our other GIS Solutions

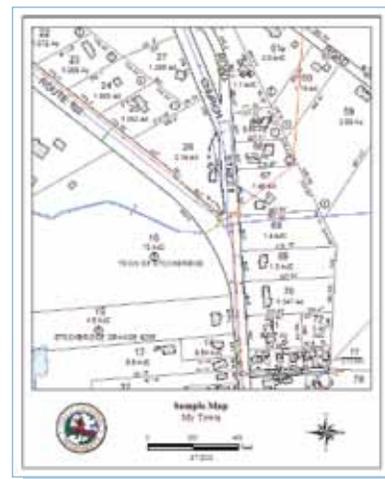
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Features continued

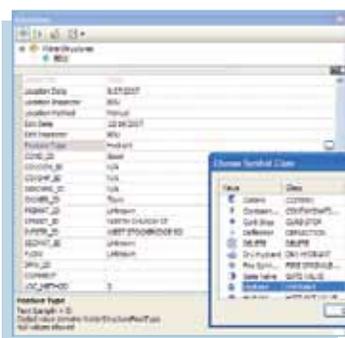
Automated Map Printing Utility

Printing a map of your system data integrated with other GIS layers is now easier than ever! With the click of one button, you can access PWIM's built in Automated Map Printing utility. This utility empowers users to access stored map layouts that easily create custom maps for use in the field and office.

Turn on/off aerial photos, or other available GIS data layers you want to display in your map, define the page layout and the extents of the map area for printing. It's really that simple!



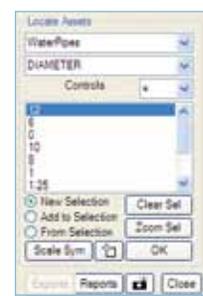
Maintain Your System Attribute Information



The PWIM Application has easy-to-use attribute editing functionality built into the system. This provides users the ability to maintain system attribute information using completely customizable, user-defined attribute fields and values. This is an example of the system's drop-down lists that ensure data is entered quickly, consistently, and accurately.

Explore Your Asset Data

Querying system assets and analyzing geographic relationships can provide powerful insight into managing your existing system and planning for future expansion. The PWIM system provides a 'Locate Assets' tool that allows you to query your system data based on the attributes in the Geodatabase. Users can also perform 'Abutter Queries' by defining specific distances from target system features, then automatically select other resulting system assets or parcels.



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