



CITY OF ST CLOUD: IMPROVING FIRE OPERATIONS WITH ARCGIS ONLINE

Pro-West enabled the City of St Cloud Fire Department to efficiently edit and distribute data using ArcGIS Online.

For several years, St Cloud's Fire Department had been using desktop GIS to manage datasets, which proved time-consuming when the software was only used a handful of times a year. Building on a successful track record of working together, the City partnered with Pro-West to implement ArcGIS Online to accomplish this task, enabling the Fire Department to quickly edit the data they needed without training or complicated workflows.

DATA EDITING

Several types of data are fed into an ArcGIS Web Application Builder application, with the associated mobile application aiding in distributing data to Fire Department staff.

- Key box locations – allows Fire Department crews to quickly locate and access key box to make entry without using forcible entry techniques and cause further damage and delay
- Fire Department Connections (FDC) – indicates to crews whether or not the building has a sprinkler system and/or standpipes, and provides the location of the connection all before they arrive on scene
- Riser room location – whether an accidental activation or activation due to a fire occurs, knowing the location of the riser room allows crews to quickly locate the sprinkler shut-off to minimize unnecessary water damage
- Alarm panel location – alarm panels are not always located in the main entry of a building, so the ability to detect their locations is key to enabling crews to locate and access the panel and the information it will provide. Knowing the location of the panel also allows crews to silence the alarm once the situation is under control



“The ease of editing these features and the speed and ease with which the information is accessible to our responders makes it the perfect solution to provide our crews with the information they need in a format that will allow them to get to work without delay.”

- Leon Faust, Battalion Chief,
St Cloud Fire Department



Tracking key pre-plan datasets using the editing capabilities of ArcGIS Online has brought a number of advantages to the City of St. Cloud's Fire Department:

- Increased efficiency in accessing and editing data
- Elimination of requirement for training on new technology
- Critical time savings in emergency situations

SYSTEM INTEGRATION

The Fire Dept also uses the ArcGIS Web Application Builder to efficiently distribute key fire information to users. Quickly configurable, it provides staff with access to numerous systems:

1. Permits
2. Burning permits
3. Fire licenses
4. Fire permits
5. Pre-plans
6. Burning complaints
7. Property data

