

History

In the Spring of 2001, several permitting agencies/departments within Kane County began exploring the possibilities of implementing a software solution to better track record and access permits. This led to the formation of a permitting software evaluation team comprised of staff from the following departments; County Board, Development, GIS Technologies, Health, Information Technologies, Water Resources and Transportation.

The evaluation team completed reviews of several vendors and decided to develop the solution in partnership with The Municipal Software Corporation.

The Municipal Software Corporation provided Kane County with a software solution named “Cityview”. This application was custom designed to emulate the business process established by each department.

The final software solution was deployed in July of 2002.

** The permitting agencies involved in this project issue over 10,000 permits per year.*

What does KPASS do?

KPASS provides a means of cross departmental communication between the major permitting agencies within Kane County. All permits for County Board, Development, GIS Technologies, Health, Information Technologies, Water Resources and Transportation are now tracked in the KPASS system. Each permit is PIN based (excluding moving permits) meaning that staff must assign a parcel number to enter and track the permit. Advantages of the system are:

- Enterprise Wide Solution - It provides a single database for all major permitting agencies to gather/store their information.
- Multi - Departmental sign off required before specific permits can be issued.
- Any end user can determine the status of a cross departmental status on a permit.
- Eliminates paper and time spent making phone calls to other departments
- Allows stoppage of permit applications on a parcel, based on permit violation or red tags.
- Capable of web integration.

How is GIS integrated into KPASS?

The current version of the software that Kane County is running uses Map Objects as the GIS integration tool. Map objects allows an end user to effectively access a map to determine parcel number and any associated permit activity on that parcel. The map can also be used to create a buffer around a parcel to generate mailing lists. The Kane County GIS Department maintains the Map Objects, The Kane County IT department Maintains the System and its data.

Future

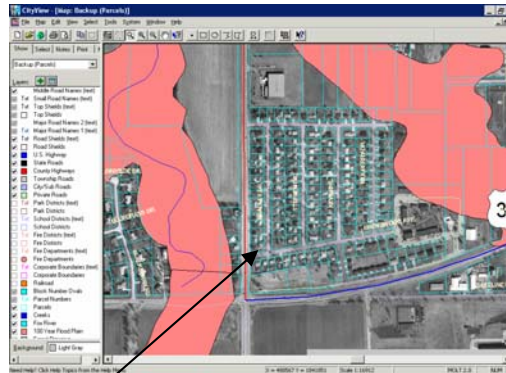
Currently, Kane County plans on implementing four future phases of the KPASS system.

1. Integration of complaint tracking system.
2. Field deployment of inspection forms to PDA or tablet devices to allow for paperless inspection.
3. Conversion to a browser based solution.
4. On – line access to the public for permit applications, payment and status.

Property information Screen

Traffic Signal

Mapping screen.



Parcel information and map can be displayed simultaneously

This screen can be used to graphically locate a parcel by road name, intersection or any other geographically referenced data.

This screen is used to determine permit activity on any parcel. If you do not know the parcel number but you do know any of the other information such as address, contractor, and owner name. **Note the traffic signal in the upper right hand corner of the screen. A green light mean a permit can be processed. A yellow light indicates a potential problem with issuance. A red light means do not proceed with issuance.**

Contact Information Follows;

Kane County;

The Kane County Division of Transportation
Attention: Kurt Lebo
41W011 Burlington Road
St. Charles, IL 60175
Phone (630) 584-1170

The Municipal Software Corporation

2nd Floor, 1623 McKenzie Avenue
Victoria, BC V8N 1A6
www.municipalsoftware.com
1-800-665-5647

KPASS

Kane County Permit Activity Service System



The Kane County GIS
Integrated Permitting Solution