Custom AVL Solution

KANE COUNTY
Division of Transportation

With a current population of over 500,000, Kane County's (IL) transportation infrastructure is constantly growing. Its 64 full-time employees diligent work on planning, designing, constructing and maintaining its 320 mile roadways.
Over the years, Kane County has effectively used IDA's TrakIt technology. Leveraging its ESRI mapping technology and in house development, the County has created a multiuser, industry unique, cost-effective web-based decision support system by processing realtime vehicle locations data captured by IDA's TrakIt product suite.

Project Scope:

- Real Time Monitoring of Maintenance Fleet Vehicles
- Visually Representing Each Vehicle's geo-location & Playing back Vehicle Incidence History
- Integrating Multi-Department Datasets
- Leveraging in-house mapping technologies
- Realtime Inventory of On-thefield vehicles in each Political District
- Realtime Status Updates to County Officers and Citizens

Benefit Summary:

- Accurate and Realtime Reporting of Vehicles-in-Service
- Inter-departmental Data /Information Exchange through SQL Inter-connect
- Web-based for Ease of Use
- An Effective Planning and Response Tool for County's Critical Services to its Residents

KDOT Vehicle Table (Active) [Display ALL XIDs]

Number	Date	Twp	CBDist
2	2/20/2013 3:07:25 PM		15
11	2/20/2013 3:14:53 PM		15
12	2/20/2013 3:10:42 PM		15
16	2/20/2013 3:08:47 PM		15
17	2/20/2013 3:14:22 PM		15
20	2/20/2013 3:13:43 PM		15
22	2/20/2013 2:21:48 PM		15
26	2/20/2013 3:22:01 PM		15
27	2/20/2013 3:07:44 PM		15
			15