

## Kent Intermediate School District

### Project Title

Kent ISD District Operations Viewer & Analysis

Wizard (KidOp)

### Project Description

Kent Intermediate School District (Kent ISD) wished to expand and enhance their GIS capabilities and program to disseminate it to a wider audience within Kent ISD organizational structure. There was also a desire to discover the possibilities to use and link more of the in-house databases that Kent ISD maintains to the GIS expansion.

InfoGeographics was contracted to examine, plan, and begin implementation for the future of GIS at Kent ISD, primarily in a series of Phases. Phase 1 was designed to start the internal education and familiarization process with GIS. To accomplish this, it was decided to implement a relatively simple ArcIMS-based browser system, presenting whatever existing geographic data could be groomed and integrated quickly. This initial viewer was the Kent ISD Facilities Viewer, which integrated and presented CADD and GIS data on the main campus at Kent ISD.

Planning Phase 2 was to investigate, analyze and strategically plan for the expansion of GIS into specific, prioritized application-oriented directions. One of these priority applications, the Kent ISD District Operations Viewer and Analysis Wizard was chosen for implementation.

The KidOp application allows users to navigate around the Kent ISD service area and look at information about Kent ISD and District Facilities. The Analysis Wizard interactively leads the user through a series of enrollment, achievement, or financial analysis encompassing temporal analysis and customized plotting and digital output. IGI specified, developed, installed, and hosted this Internet based application for Kent ISD. This Internet application is offline for a period of time as it is being modified and integrated with the Kent ISD Data Warehouse now being implemented.

### Project Responsibilities

InfoGeographics followed a structured methodology to accomplish the project goals. These entail the following steps and methods:

#### *Tactical Phase 1*

- Phase 1 ArcIMS Implementation
- Existing Data Inventory and Structuring
- Needs and Functional Specification
- Kent ISD GIS Website Development & Testing



- Facilities Viewer Website Hosting by IGI

### *Planning Phase 2*

- Interviews with Kent ISD Departments
- Strategic Plan Analysis & Recommendations
- GIS Applications Identification & Prioritization
- Poised for next Specification, Development, & Installation Phases
- Delivered GIS Strategic Plan

### *Implementation Phase 2 - KidOp*

- Kent ISD District Operations Viewer and Analysis Wizard
- Full Functional Specification
- Application Database Design
- ArcIMS Development
- Installation & Training
- IGI Hosted Website (now at Kent ISD)
- Integration with Data Warehouse Portal reporting mechanisms

Though KidOp is not available at this time due to the integration with the Data Warehouse Portal, there is more information and screen shots of the application on IGI's website, please visit the following address to view:

<http://www.infogeographics.com/Services/Projects/KISD/KidOP.php>

### **Contact**

Keith Snarey, GIS Coordinator  
Kent Intermediate School District  
Tel: (616) 365-2268