

*“Intetics played a key role in city management automation. Thanks to their help we significantly increased the efficiency of all municipal departments and the quality of services in a very short time!”*

## TOOLS AND TECHNOLOGIES

### Programming languages and frameworks:

C#, .Net 4.5  
WPF  
ArcGIS Runtime SDK

### Development Tools:

Visual Studio 2013 Ultimate

### GIS Software:

ArcGIS Server

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## MUNICIPALITY AUTOMATES DATA PROCESSING AND INCREASES PRODUCTIVITY WITH A GIS ENTERPRISE SYSTEM BY INTETICS

### OBJECTIVE

*To develop a desktop application integrated with a new enterprise GIS system that will automate municipal work and provide relevant information to utility providers.*

### CHALLENGE

The municipality of the largest city in Ukraine wanted to develop a GIS application to automate and centralize the work of all municipal departments. They needed a cooperative partner with experience in GIS development, who understood the peculiarities of municipal economy. They wanted a desktop GIS application that supported offline synchronization and could search, edit and analyze data stored in the municipal GIS system. Also, the application had to be simple enough to be used by users without GIS software experience.

### SOLUTION

The municipality turned to Intetics, because of its experience in developing GIS application for cities

and municipalities. The Intetics team conducted an analysis of the existing municipal services workflow. The main goal of the exploratory phase was to determine the best way to design and implement the application in such way that municipal officers could easily transition from the outdated manual data processing to a new, productive and reliable automated process.

Next, Intetics started to develop an application that provided access to a unified municipal database and supported spatial queries execution, data analysis, and creation and publishing of electronic maps and reports. Development took place in close cooperation with the employees of the municipality, during which Intetics also conducted training for application users.

### RESULTS

Thanks to working with Intetics, the municipality automated data management and increased productivity of their employees. The application optimized and standardized work across all municipality departments. It automated urban infrastructure management and provided access to open electronic data.