

HARPER COUNTY, KS

Proposal for Integrity Mobile GIS



Submitted by: Midland GIS Solutions

Melinda McCurley

Harper County, KS
201 N Jennings Ave.
Anthony, KS 67003

Dear Melinda,

Midland GIS Solutions respectfully submits this proposal to Harper County, Kansas to develop and implement a web-based GIS hosted solution for use on mobile devices. Midland's Integrity GIS solutions will support the County's effort to utilize a comprehensive web-based and mobile GIS mapping program to securely manage and maintain the County's GIS data.

Midland's Integrity web-based GIS platform will integrate the County's available GIS data layers and external databases to make this information easily accessible in a centralized, multi-user environment. Our Integrity platform features a user-friendly interface, aesthetically pleasing tool bars and buttons, and a nearly full screen map view for easy navigation and functionality.

Midland GIS Solutions takes pride in maintaining a high standard of quality with regard to all of the GIS services we provide, and guarantee that same high standard will be applied to your project. We fully understand that our success in this project is dependent upon your satisfaction and we will make every effort to ensure that common goal is achieved.

Thank you for giving us the opportunity to provide you with the following proposal for Integrity web-based mobile GIS services. Our team of professionals has the experience and enthusiasm necessary to make this project successful and stands ready to form a partnership with Harper County in that success.

Respectfully Submitted,
Midland GIS Solutions



Tylor Hardy
Partner

SCOPE OF WORK

INTEGRITY™ GIS SOLUTION

Built on Esri technology, Integrity is Midland's web-based and mobile GIS software solution to edit, maintain, and analyze GIS data. With built-in workflows for daily operations, users can quickly access their mapping data on any mobile device, increasing efficiencies in communication throughout various departments and to constituents. Integrity also serves as a secure, offsite backup of the client's GIS data.

Midland GIS Solutions developed Integrity to provide our valued clients with a user-friendly and cost effective tool to access and update their GIS data in a multi-user environment. Integrity is a secure, web-based platform that gives our clients the ability to make certain layers of the GIS program "public", while other layers and attributes can be password protected.

With Integrity, Midland GIS Solutions can incorporate all GIS-ready data layers into the web-based and mobile GIS platforms. Upon request, Midland GIS can acquire and incorporate freely available GIS data layers from various agencies, such as flood plain data from FEMA, and topographical maps from USGS.

GIS WEBSITE DESIGN AND DEVELOPMENT

Midland GIS Solutions will setup a customized Integrity HTML5 Mobile GIS website for the Harper County, KS. The HTML5 mobile GIS website will allow the County to access the website via tablet or handheld device. **(e.g. iOS Apple, Android, and Windows Mobile devices)**. Midland GIS Solutions will utilize the existing "GIS ready" data provided for the mobile GIS site.

Midland GIS Solutions proposes to complete the project within four (4) weeks from contract approval and receipt of the County's GIS data.

GIS WEBSITE DESIGN

Integrity mobile solutions will provide Harper County, KS with a variety of useful tools and features, which include production quality reports, advanced search and query functionality, and enhanced security. Users will have the ability to print high-resolution maps with data and mark-ups using pre-defined print templates and custom reports can be tailored to meet the evolving needs of various departments. Plus, you can easily visualize and search data from third-party systems not traditionally accessible to spatial applications.

Integrity has built-in tools for measuring distances and areas, mark-up tools to draw shapes and add text or labels, and a tool to create buffer zones from a selection. In addition, images, PDF documents and any other media or hard copy maps can be linked to features mapped in the GIS program. The following pages outline features of the mobile (HTML5) version.

THE INTEGRITY HTML5 “Mobile” USER EXPERIENCE

Midland’s Integrity desktop viewer developed on the Geocortex® platform with the Silverlight API provides advanced web mapping capabilities for GIS departments seeking to deploy feature-rich, user-centric web applications. **The viewer for HTML5 is geared towards providing simple, targeted web-mapping applications serving desktop browsers, tablets, and a broad array of handheld devices.**

BUILT-IN TOOLS

The HTML5 viewer provides numerous must have features including various measurement tools, dynamic map tips, feature hyperlinks and more.

EDITING

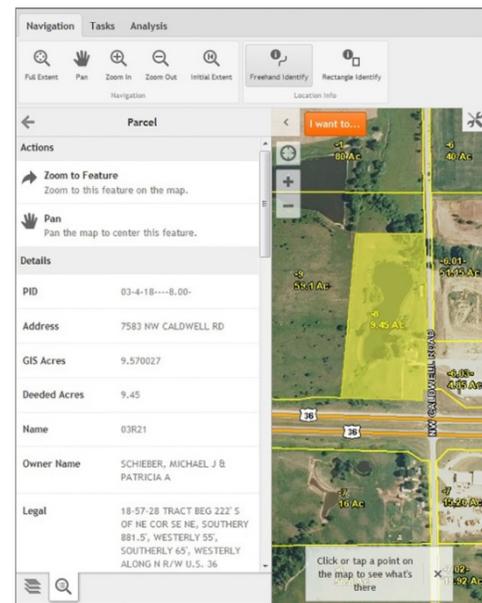
Built-in features enable end users to create new features, edit geometry of existing features, and modify attribute data and much more. The editing tools are intuitive and include highly dynamic snapping capabilities. Users can edit data belonging to versioned geodatabase layers exposed in the application.

LAYER LIST

The layer list provides layer organization and collapsible categorization. You can also control map service transparency, layer visibility control, view a dynamic legend (reflects currently visible layers), and filter/find layers with text input. Having such a wide range of controls will enable you to have greater control over your layers, and in turn, over what data is accessible to you and other users.

INTEGRATION

Bi-directional integration allows you to launch from other applications or have other applications launch a viewer. The URL integration feature supports a variety of options, such as zoom to a specific



extent, and zoom to or highlight a particular feature. Common types of applications which are integrated include document management, assessment, and other non-spatial business applications.

FEE SCHEDULE

WEBSITE DEVELOPMENT & HOSTING

INTEGRITY MOBILE WEBSITE DEVELOPMENT _____ \$3,000.00

IN WITNESS WHEREOF, the parties hereto have set their hand to duplicates hereto this _____ day of _____ 2015.

APPROVED BY: HARPER COUNTY, KS

Signature: _____

Printed name: _____

Title: _____

Signature: _____

Printed name: _____

Title: _____

APPROVED BY: MIDLAND GIS SOLUTIONS

By: 

Printed name: Tylor Hardy

Title: Partner