AIMS Coordinators Meeting Minutes
April 8, 2010
Host: AIMS
Location: Johnson County Admin Building

Announcements
- The May Coordinators Meeting will be held at the City of Overland Park, the annual golf outing will follow the meeting.
- AIMS will be hosting a meeting regarding Reporting Services followed by ArcGIS Server applications on May 6th in the Administration Building.
- MAGIC Conference will be held at the Westin Crown Center in Kansas City, MO April 18-22.

Presentations

ESRI Developers Summit Review – Paul Brandt

Paul presented in the highlights and features of the 2010 ESRI Developers Summit that he recently attended in Palm Springs, CA. The main theme of the summit was what to expect with the upcoming release of ArcGIS 10.0, which AIMS is currently testing in Beta. They are expecting to release the software full scale in June. Along with his presentation, Paul provided some demonstrations of the new tools and features that will be available with the new release.

Highlighted changes to ArcGIS Desktop:

- Editing – there will now be feature templates that allow you set default values to features as well as improved snapping capabilities.
- Availability of Query layers that allow the user to set geometry on the fly, but are not editable.
- Add-ins will be the replacement for VBA when it is phased out in the next release.
- Availability of ArcGIS Online maps within the desktop interface. There is no longer a separate browser window to open
- You can now integrate your maps and data with Sharepoint
- The Display performance has been enhanced and will remain functional while backend processing is occurring.
- Geocoding functionality has been rewritten with a quoted 1-3% increase in match rate and the more flexibility to geocode locations (i.e. 100 feet north of an intersection)

Highlighted Changes to Server:

- 2.0 versions of the following API's will be coming soon to correspond with the 10.0 release:
  - Java Script, Flex, Silverlight
- An IPhone API will be released soon but will require the use of an Apple supported computer and programming language.
- Windows7, Android and Blackberry API's are all in the works.
- Caching has been improved and now offers compact caching and JPEG-PNG mixed caching based on image transparency.
- Server Object Extensions are ArcObject based extensions that will allow users to build their own service types.

Changes to be seen in ArcGIS Explorer, Engine and Mobile Applications:

- ArcGIS Explorer will be offered as a free online application with similar appearance and functionality as the desktop version.
- ArcGIS Engine will offer faster and easier installs, drawing and API's as well as a new licensing structure that allows for "borrowed" licensure.
- ArcGIS Mobile will have separate applications for mobile and tablet applications with mobile apps being geared toward handheld and touchscreen devices.

More information from Paul's presentation can be viewed in his PowerPoint presentation found here:
http://aims.jocogov.org/resources/mtgnotes/presentations/2010/Apr/2010DevSummit.ppt

Upgrades and Imagery – Jerry Swingle

Jerry provided a brief update on upcoming and recent upgrades made to AIMS hardware and software. AIMS will be moving to ArcGIS 10.0 once it is released and we are confident in it after thorough testing this summer and fall. There have also been some recent server upgrades, primarily to support the new imagery that will be obtained this year. AIMS is currently using Windows Server 2008r2 which was noted to run only on a 64 bit system. Jerry also noted that several of the AIMS' staff are currently running their machines with the Windows 7 operating platform and we have run into very few issues but have noticed some performance increases from Vista.

Jerry also provided an update on the acquisition of new ortho and oblique imagery. Both dataset have been captured, completed during the last week in March and first few days of April. We anticipate receiving the Oblique imagery by late summer and the Orthos by early fall with distribution to follow. A demonstration of the new Pictometry desktop and online products followed. The Pictometry product comes with an ArcGIS extension and can be used within ArcGIS desktop. It was noted that we hope to have the Online application available within the next 2-4 weeks and will provide training as needed. There will be those that still need the desktop version and it will be provided and can be customized as needed. If you are currently using Multivision or would like more information on the Pictometry software, please contact Jerry.

More information from Jerry's presentation can be found here:
http://aims.jocogov.org/resources/mtgnotes/presentations/2010/Apr/2010UpgradesandPictometry.ppt

JCLR Revision – Dan Steen

AIMS is planning a release of revised Johnson County Land Records (JCLR). Dan presented some background on the application and the interface used for it. The application is built on the interface that was originally built for use in the Caseworker Resource Center. This application is used by several county departments and organizations outside the county and houses data from various sources regarding human services and clients of the human service departments in Johnson County. JCLR is being rebuilt using this same interface. The current JCLR was built 7-8 years ago and is still receiving roughly 30,000 hits per month. While the old interface is still functional, the new interface offers a multitude of enhancements such as:
- The ability to work with multiple parcels simultaneously
- Bookmarking frequently searched areas and parcel lists
- Buffering using SQL spatial and multiple parcels
- Google map API backdrop that is familiar and easy to use
- Allows for the importing of lists from other applications for research
- Link to google for directions between parcels

The new interface is currently in progress and being tested by internal staff. The beta version will be rolled out to those that frequently access the existing JCLR for testing and feedback within the next few months prior to full rollout. Future enhancements would include additional layers, oblique imagery, the ability to mark up the mapping interface, and the ability to save user sessions.

More information on Dan's presentation can be found here:
http://aims.jocogov.org/resources/mtgnotes/presentations/2010/Apr/JCLRReplacement.ppt