SCI Develops GIS for Department of Wildlife Conservation

As the agency responsible for managing Oklahoma’s wildlife resources and habitat, the Oklahoma Department of Wildlife Conservation (ODWC) maintains spatial information of interest to hunters, anglers, and others who appreciate wildlife. Until recently, access to much of that information was restricted to those few staff with GIS software on their desktops, with limited opportunities for data sharing. ODWC determined that the best way to distribute geographic information to internal staff and the general public was to implement an agency-wide GIS, with particular emphasis on the sharing of ODWC data over the Internet.

Last year, SCI was contracted by the ODWC to develop a method of providing geospatial data to agency employees as well as the general public. Working with the ODWC’s GIS Committee, SCI conducted a needs assessment to determine what steps should be taken to improve access to geographic data within the department. Based on the assessment, SCI recommended that ODWC:

- Increase the usage of geospatial data in departmental projects.

With input from a number of ODWC staff, SCI developed the ODWC Data Viewer, a web-based application that uses ArcIMS technology. The viewer, consisting of seventeen separate data layers chosen by the agency, enables ODWC staff to view wildlife management areas online. For more information about this project please contact Bob Springer, or Eric Jones.
Special Trade-in Offer from Trimble

If you own a GeoExplorer I or II, GeoExplorer 3, or a GPS Pathfinder system, you can trade it in for a new GeoXT.

The GeoXT™ is the first handheld that integrates a Trimble GPS receiver with a Windows CE operating system in a rugged, compact handheld unit. This synergy between GPS and Windows CE allows you to concentrate on what’s important: collecting and maintaining high-quality data for your GIS.

Key features of the GeoXT include:
- Sub-meter accuracy, including WAAS for real-time GPS in the field
- EVEREST™ multi-path technology enables you to work under canopy
- Up to 512 MB to carry large GIS data sets into the field
- Large color screen displays background maps with ease

Eligibility and trade-in credit
The following products are eligible for the trade-in offer:

<table>
<thead>
<tr>
<th>Product</th>
<th>Trade-in Credit</th>
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<tbody>
<tr>
<td>GeoExplorer® I</td>
<td>$500</td>
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<tr>
<td>GeoExplorer II</td>
<td>$500</td>
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<tr>
<td>GeoExplorer 3</td>
<td>$1000</td>
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<tr>
<td>GeoExplorer 3c</td>
<td>$1000</td>
</tr>
<tr>
<td>GPS Pathfinder® receiver</td>
<td>$500</td>
</tr>
<tr>
<td>Trimble data collector</td>
<td>$500</td>
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Conditions
- Trade-in unit must be intact and operational
- Offer expires on December 31, 2003
- Trade-in discount can not be combined

Technical Updates for ESRI ArcGIS and Trimble MGIS systems

ESRI has released Service Pack 1 for both ArcGIS 8.2 and ArcGIS 8.3. For the latest in support fixes, you are encouraged to apply these service packs to your appropriate versions.

Trimble has released updated versions of the Windows CE operating system for Trimble GeoCE data collectors. Along with this update is new firmware to further enhance WAAS tracking and availability. It is encouraged that all users who use WAAS correction take advantage of this free update. Please review the release notes on how to apply these updates.

You may use the embedded links to access the updates or contact SCI for assistance.

Visit us on the web:
www.scigis.com
SCI Teams with Moore Norman Technology Center to Provide Training to State Agency

As part of it’s contract with the Oklahoma Department of Wildlife Conservation, SCI recently trained approximately 70 ODWC staffers in the use of the ODWC Data Viewer. Bob Springer, Vice President for Governmental Services, conducted the training, which was held at the Moore Norman Technology Center.

The data viewer was developed by SCI using ESRI’s ArcIMS technology, and provides Internet-based viewing capabilities for ODWC staff in their Oklahoma City office and many of the department’s regional offices. Training consisted of identification of the seventeen data layers available on the viewer, instruction in viewing and manipulating the data, and a set of exercises designed to provide ODWC staff a glimpse of the capabilities of the viewer.

For more information how ArcIMS can assist your organization in managing and viewing spatial, contact SCI at 918-481-0034.

GPS Selective Availability to Remain Off

U.S. Policy Statement Regarding Civil GPS Availability

March 21, 2003

The federal government has issued the following statement for those GPS users concerned about the possibility of selective availability being reinstated:

“The United States Government recognizes that GPS plays a key role around the world as part of the global information infrastructure and takes seriously the responsibility to provide the best possible service to civil and commercial users worldwide. This is as true in times of conflict as it is in times of peace.

The U.S. Government also maintains the capability to prevent hostile use of GPS and its augmentations while retaining a military advantage in a theater of operations without disrupting or degrading civilian uses outside the theater of operations.

We believe we can ensure that GPS continues to be available as an invaluable global utility at all time, while at the same time, protecting U.S. and coalition security requirements.”

For more information please contact your nearest SCI Office.

GIS Council Meetings — 2003 Second Quarter Schedule

The GIS council meetings are held on the first Friday of every month. They are in Oklahoma City at the Water Resources building located at 39th and North Classen, on the second floor. They start at 8 a.m. and usually end up around noon.

- April 4th, 2003
- May 2nd, 2003
- June 6th, 2003

We look forward to seeing you there.
Our heartfelt appreciation and gratitude is extended to the brave men and women of our armed forces as they stand defending and protecting the American Spirit of Freedom.

THANK YOU!

OCGI Members Meet With Jack Dangermond

While attending the 13th annual South Central Users group conference in Oklahoma City members of the Oklahoma Center for Geospatial Information (OCGI), met with Jack Dangermond, President of ESRI. Jack was very excited about the future of OCGI and praised the collaboration of public and private sectors to further GIS use within the state of Oklahoma. Oklahoma State University Department of Geography and Strategic Consulting International, have partnered to create OCGI. Jack commented he has seen this model be very successful in many other states.

Mr. Dangermond graciously donated the ESRI software licenses to be used by OCGI. This included ArcGIS, ArcInfo, ArcIMS, and ArcSDE. This suite of software will be used by the clearinghouse established at OSU to serve data to state and federal agencies. Additionally, he pledged support through the Geography Network, ESRI’s internet portal to Geographic information.

SCI is working with OSU to develop a series of ArcIMS map services featuring the Oklahoma Digital Atlas, state-wide aerial photography and USGS quad maps. These services will be made publicly available before the end of April 2003.

Special thanks to the ESRI San Antonio regional office and Jack Dangermond for their support of OCGI.