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### Education Outreach

## LAND INFO INTRODUCING GIS TO AMERICA'S KIDS

This past November, LAND INFO International participated in GIS Day 2001 by introducing Geographic Information System (GIS) to Colorado elementary students. LAND INFO's **Kevin Kuluvar** and **Justin Doucette** presented an interactive overview of GIS to the fifth graders of Ralston Elementary in Jefferson County.

"Everyday, we work with engineers, government planners, and geospatial experts," explained Kevin Kuluvar, LAND INFO's Senior Project Manager. "It was very special for us to see and hear the kids' impressions about our high-tech world of GIS."

LAND INFO's presentation introduced the students to general characteristics of a [topographic map](#).

The students learned about longitude, latitude, and the varying scales of a map.

The students were most interested in the real-life applications of GIS by the police officers, firemen, and the military. Kuluvar and Doucette's presentation included how the United States military were using [satellite imagery](#), [topographic maps](#), and GPS equipment in the Afghanistan operations.

LAND INFO is planning more visits to area schools in the future.

### Client Solutions

## RECREATING A NINETY YEAR OLD WORK-OF-ART

LAND INFO specializes in producing geospatial solutions for large international engineering projects. However, the company occasionally drifts from its normal path to support more unique projects. A recent example is LAND INFO's developmental support of a Panama Canal model for an upcoming educational textbook.

[The M Factory](#), a thriving cartographics producer for the educational, publishing, and television industries, recently joined LAND INFO's family of clients. It has created map and geographic-oriented imagery for educational publishers, major travel guides, and even television documentaries. The M Factory created the Panama Canal graphic for NG Maps, a division of the National Geographic Society.

The image is a recreation of art that was commissioned by the Society in 1912, two years before the Canal's completion. The original piece was based on aerial photography and the artist's interpretation of the landscape. Now using computer applications and LAND INFO data, The M Factory was able to quickly visualize the Canal in real-time, something not dreamed of in 1912.

The Canal image was modeled from 3 arc-second, Panama [digital elevation](#)



[\(Click on image for full view\)](#)

**Panama Canal artwork created from LAND INFO DEMs.**

[models \(DEM\)](#) produced by LAND INFO. The M Factory then added sky and water textures, buildings along the shore, locks at each end, ships within the canal, and other features to help students understand the Canal.

"Good quality geospatial data is often hard to find, especially for areas outside the United States," expressed Justin Morrill, Vice President of The M Factory. "What a relief it was when I contacted LAND INFO and found that the data I needed was not only cost effective, but off-the-shelf, ready to go."

### HOW ARE YOU USING LAND INFO DATA?

**Tell us about your project that used LAND INFO data. It could be the next feature in the Data Solutions Journal. [Email Steve Ebner today.](#)**



What's the definition of the following term?

**AZIMUTH** \`az-i-muth\

- A. The line of latitude which defines the origin of the Y-coordinate origin for the projection.
- B. An arc of the horizon measured between a fixed point and the vertical circle passing through the center of another object.
- C. Blue-colored crystal found near the Russian border in Mongolia.
- D. The degree to which an ellipse deviates from a true circle.
- E. Complex curve on the Earth's surface that crosses every meridian at the same oblique angle.

Check your answer at

[www.LANDINFO.com/2.geotrivia.htm](http://www.LANDINFO.com/2.geotrivia.htm).

## Corporate News

### LAND INFO WELCOMES NEW ADDITIONS TO SALES TEAM



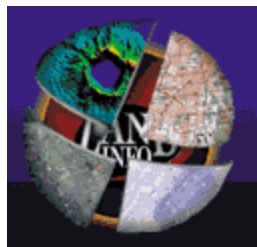
**James E. Schiefer (left) and Terrence Ryan (right) join the LAND INFO team.**

LAND INFO International announced two new additions to its management team. The company named **James E. Schiefer** Executive VP of Sales & Marketing, and **Terrence Ryan** as Senior Account Manager.

Schiefer brings over 30 years business development experience to LAND INFO. Most recently, Schiefer held senior management posts at

IHS Energy Group, MJ Systems, and Interpretive Imaging. His background includes a wealth of data solutions and business development for the oil & gas marketplace. Additionally, Schiefer has successfully managed emerging strategic business units and developmental strategies for a variety of IT companies

Ryan joins LAND INFO with over eight years industry experience. Previously, Ryan was the regional sales manager with Hitachi Software Global Technology. Prior to Hitachi, Ryan held account management positions with Avatech Solutions, Inc. and Eagle Point Software. Ryan has broad experience building key accounts in the civil engineering and surveying markets. [\(more info...\)](#)



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Contact **LAND INFO** today at 1-800-949-5080 (+1 303-369-6800) to learn more about our complete geospatial solutions.

### LAND INFO International, LLC

LAND INFO International provides digital geospatial information of the world, including satellite imagery, 3D models, and topographic maps. LAND INFO provides clients with the world's largest database of [digital topographic and geospatial services & products](#)...so clients can spend time analyzing the data, not gathering it. The company markets to civil engineers, government planners, project managers, and other international professionals for a variety

of GIS, remote-sensing and land-use applications. Please visit the website [www.LANDINFO.com](http://www.LANDINFO.com) to learn more about these products and services.

### 3D MODELS OF THE WORLD

LAND INFO's distinctive production process, international coverage capability, and broad experience sets it apart in delivering high-quality, affordable digital elevation models for virtually anywhere in the world.

- [Saudi Arabia DEMs](#)

- [Mexico DEMs](#)

- [Tanzania DEMs](#)

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Send feedback about this DSJ issue to Steve Ebner at [sebner@LANDINFO.com](mailto:sebner@LANDINFO.com).

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