

## Maximize the value of your geospatial data

Rizing's geospatial professional services and products provide best-in-class solutions that optimize the use of spatial information in enterprise data. Whether it is simply showing the location of an asset on the map or leveraging complex spatial relationships to integrate disparate data sources, Rizing's professionals have the technical knowledge to assist with planning, designing, and developing effective geospatial solutions for your organization. As a business partner with SAP and Esri, Rizing provides industry expertise in implementing solutions from both companies and provides innovative products that integrate SAP and Esri solutions to maximize your software investments.

## Geospatial Service Offerings

### Esri Software Expertise

Implementing and configuring ArcGIS Enterprise desktop and web solutions for spatial data management, analysis, and visualization

### Database Design and Migration

Developing optimized database models, migration processes, and data warehouses for effective management and analysis of data

### System Integration

Providing spatial data integration with SAP and other operational systems to optimize use of enterprise spatial data

### Mobile LiDAR

Obtaining asset and survey-grade LiDAR point clouds associated imagery, and extracting features using state-of-the-art mobile mapping equipment and solutions

### Custom Application Development

Augmenting commercial solutions with sustainable custom applications for data management, analysis, and visualization

### Workflow Development

Assisting organizations with work processes for spatial data management and providing process tools, documentation, and training

### LRS Design and Implementation

Building and configuring foundational linear referencing solutions using industry-leading commercial products

### Product Implementation

Implementing Rizing's commercial products to support data collection, analysis, reporting, and presentation requirements

# Geospatial Product Offerings



## OmniSpatial

Configurable progressive web application for field and office data collection

- Collect data in both offline and online modes
- Integrate data from various sources and integrate other systems
- Collect 2D/3D map locations or linear referencing measures



## Mercury

Flexible and scalable Esri and SAP geospatial data integration

- Integrate GIS and SAP data with two-way data synchronization
- Maintain data only in the desired system of record
- Configure GIS/SAP integration based on user needs and requirements



## Road Analyzer

Database-driven, interactive straight-line diagramming (SLD)

- Visualize and configure SLD display of many assets and attributes
- Integrate maps, video logs, and other relevant road data
- Utilize redlining and notifications to highlight data issues



## Road Video Viewer

Generic viewer for displaying multiple formats of video logs spanning multiple years of collection

- Integrate with Road Analyzer to validate road attributes and view integrated maps
- Progress through video using manual and automatic playback modes
- Leverage 360-degree camera views of the surrounding area



## Productivity Tools

Data management, analysis, validation, & reporting tools

- Merge and dynamically segment your LRS-based business data
- Perform complex attribute validations across multiple databases
- Design and publish complex reports with graphs and charts
- Model road intersections as single points and populate MIRE data elements



## HPMS Assistant

Compilation and tracking tool for the annual federal submittal process

- Merge and validate data based on DOT and FHWA validation rules
- Track and monitor progress and correct data issues
- Run reports and generate submittal files

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