

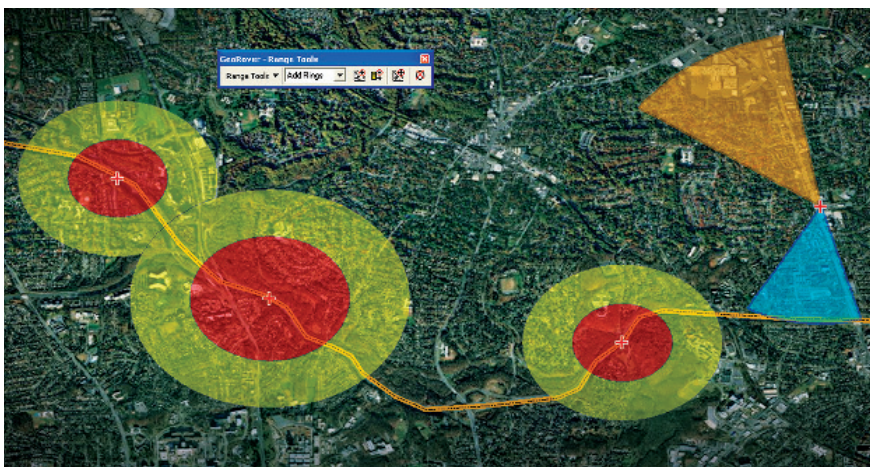
GeoRover® Range Tools Extension

PREPARE. VISUALIZE. TAKE ACTION.

Ring, ellipse, and arc features created with confidence

The Leidos GeoRover® Range Tools extension provides powerful and interactive tools for creating, editing, and importing ring, ellipse, and arc feature layers in the commercial Esri® ArcGIS® for Desktop application (Basic, Standard, or Advanced).

These tools provide a fast, flexible interface for operational use and are compatible with any ArcGIS datum or coordinate system. Ring, ellipse, and arc features can be created on-the-fly and stored in shapefiles or geodatabase feature classes in the ArcMap™ application. The Range Tools extension allows for quick and easy creation and visualization of numerical range data on a map.



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FEATURES

- ▶ Interactive point and click and coordinate-based tools to create, edit and delete ring, ellipse, and arc features from shapefiles and geodatabase feature classes (personal, file, and ArcSDE®) on-the-fly within the ArcMap interface
- ▶ Wizard-driven import tool creates or updates range feature layers from any delimited text file (.csv, .txt, .tab, etc.), Excel® spreadsheet, database (Access®, Oracle®, SQL Server®, etc.), or semistructured copy/pasted text with coordinates
- ▶ Updating feature parameter values (radius, diameter, heading, sweep, semi/major axis, semi/ minor axis) updates feature size/shape instantly
- ▶ All tools employ robust, smart, and flexible coordinate-parsing capabilities to support widely used coordinate systems and formats (DD, DM, DMS, UTM, MGRS, XY)
- ▶ Range features are always geodetically correct when created and edited using the Range Tools extension
- ▶ One-click button for displaying/hiding range feature center points
- ▶ Options menu available for customizing user preferences and default settings, including add/edit and layer symbology, feature creation methods, and coordinate system behavior
- ▶ Leverage ArcMap® Snapping tool with the Click to Add Feature and the Move Feature by Click-and-Drag tools. Quick access menu specifies a snap type for the next click



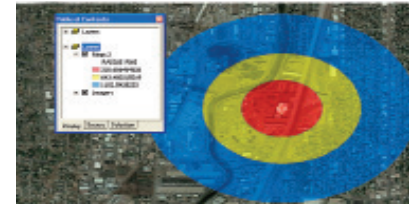
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The Range Tools extension supports the creation of arc features with a center point, heading, radius, and sweep.



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Import data with center point and parameter values such as radius, diameter, heading, major/minor axis, and sweep to create ellipse features.



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Use ArcGIS to categorize ring features based on radius.

BENEFITS

- ▶ Compatible with any ArcGIS datum or coordinate system
- ▶ Fully compatible with enterprise (ArcSDE) databases
- ▶ Quick and easy visualization of numerical range data on a map
- ▶ Manage sets of range features based on the same center point
- ▶ Fast, flexible interface for operational use
- ▶ Range features are stored in shapefiles or feature classes
- ▶ Combine coordinate import and buffering into one step
- ▶ Flexible licensing options include Single-Use and Concurrent Use

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For additional support, call **1-866-417-5322** or email georover-sales@leidos.com.



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