GeoRover® Locus Track Extension
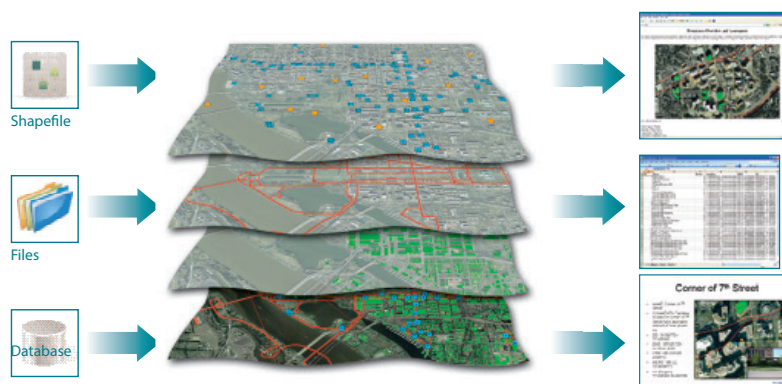
ENHANCED GIS WORKFLOWS... START TO FINISH

Powerful GIS tools for spatial data creation, editing, and fusion

The Leidos GeoRover® Locus Track extension streamlines and enhances the process of creating, editing, importing, and sharing geospatial data through a combination of robust and flexible interactive editing tools and data import/export wizards.
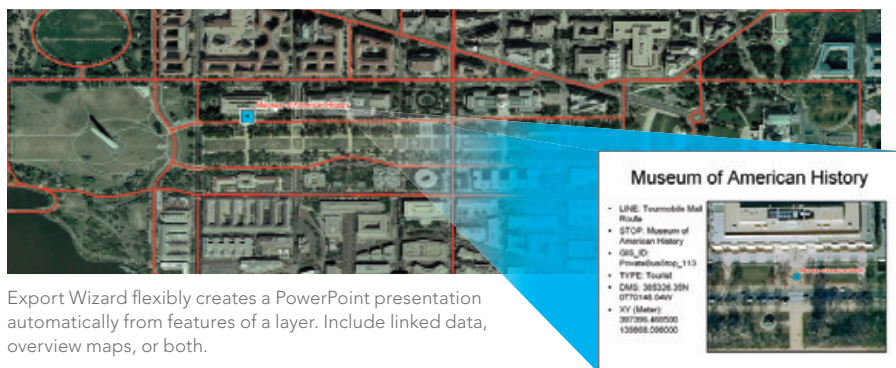
The extension is a plug-in to the commercial Esri® ArcGIS® for Desktop application (Basic, Standard, or Advanced). The toolbar delivers many of the most common and requested ArcMap™ functions in a simple, efficient interface, greatly reducing the steps required to accomplish routine tasks, saving valuable time, and reducing required ArcGIS training.

The quick and easy workflow smoothly transitions between importing points, lines, polygons, and rows; editing or creating features from multiple workspaces "on-the-fly"; and exporting the features to quickly disseminate pertinent information, all within the ArcMap application.

FEATURES

- ▶ Interactive point-and-click and coordinate-based tools to create, edit, and delete points, lines, and polygons
- ▶ Edit existing shapefiles, geodatabase feature classes (personal, file, and enterprise ArcSDE®), and non-geospatial tables on-the-fly in ArcMap interface
- ▶ Attribute editing tool allows for one-step database editing of any layer and the ability to add new attribute fields
- ▶ Attach one or more linked files from multiple data formats to any point, line, or polygon feature
- ▶ Easily import points, lines, or polygons from coordinates in a delimited text file or semistructured copy/pasted text, Excel® spreadsheets, database (Access®, Oracle®, SQL Server®, etc.) or directly from existing shapefiles or feature classes
- ▶ Export wizard quickly creates and exports map layers and important attributes into common formats such as HTML pages, Excel spreadsheets, text, and customizable PowerPoint® products
- ▶ All tools employ robust, smart, and flexible coordinate parsing capabilities to support DD, DM, DMS, UTM, MGRS, and XY coordinate formats
- ▶ Add coordinate attributes to any point layer for one-step coordinate conversion. Coordinates are verified and updated each time point features are moved or edited with the Locus Track extension
- ▶ Simultaneous batch attribute editing of multiple features within a layer
- ▶ Add or delete individual vertices from line or polygon features with a simple right-click option
- ▶ Support for address location formats when connected to geocoding service
- ▶ 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.

Point-and-click and coordinate based tools provide a streamlined interface for creating point, line, and polygon features on-the-fly in the ArcMap application.

BENEFITS

- › Significant reduction in training required for ArcGIS application use
- › Faster, more flexible interface for operational use
- › Compatible with any ArcGIS datum/coordinate system
- › All tools are compatible with enterprise (ArcSDE) databases for simple editing
- › Automatically generate, convert, and update thousands of coordinate attribute records added to any point layer in seconds
- › Create complete PowerPoint presentations from map layers and their attributes, including basemap imagery
- › Significantly eases user transition from FalconView™ to the ArcGIS application
- › Flexible licensing options include Single-Use and Concurrent Use

Export Wizard flexibly creates a PowerPoint presentation automatically from features of a layer. Include linked data, overview maps, or both.

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