ArcGIS® 9.1

Desktop Functionality Matrix



ArcGIS 9.1 Desktop Functionality Matrix

| Mapping | | | | | Advanced Labeling ¹ |
|--|-----------|------------------|------------------|------------------|---|
| | ArcReader | ArcView | ArcEditor | ofu | Advanced Label Placement Rule Set Street Placement |
| o Interaction | Arc | Arc | Arc | Arcinfo | Customizable Dynamic Stacking Font Reduction |
| nd Zoom the Map to the Extent of a Layer | X | X X | X | X | Customizable Abbreviation Polygon Boundary Placement |
| patial Bookmarks s Hyperlinks | X | X | X | X | Repeated Labeling Character Spreading |
| ynamic MapTips Iagnification Window | X | X X | X | X | Word Spreading Label Overrun on Features |
| ctively Reveal Areas beneath a Specific Layer (Swipe) | Х | X | X | X | Curved Polygon Placement |
| e Hyperlink to External Application, Macro, or URL | | Х | Х | Х | Graticule Labeling Alignment User-Defined Point Label Zones |
| e and Manage Spatial Bookmarks verview Window | | X | X | X | Background Labeling Land Parcel Placement |
| s fy Features in the Map | X | Х | Х | Х | Advanced Feature Weighting Advanced Label Offsets |
| ure Distances eatures in the Map | X | X | X | X | Advanced Line Label Positions Advanced Curved Label Placement |
| Data by Location | | X X | X | X | The advanced labeling functionality is available through the Maplex is purchased with ArcView or ArcEditor but is automatically included w |
| nwide USA Point-to-Point Street Routing | | Х | Х | Х | ,, |
|) Display | ArcReader | ArcView | ArcEditor | ArcInfo | Address Matching Geocoding Tools |
| al Mapping | | | | | Single or Batch Address Geocoding Tools for Processing Addresses That Could Not Be Found |
| lize the Map Page or a Specific Set of Data rm On-the-Fly Projection of All Data | X | X | X | X | Client/Server Geocoding Using Multiuser Geodatabase Multiple Geocoding Services (Indexes) per Data Source |
| e Full Cartographic Visualization of Any PMF File ctively Set Percent Transparency for All Data Layers | X | X | X | X | Aggregate Multiple Geocoding Services into a Single Geocoding Service (Composite Locator) |
| Minimum and Maximum Scale to Display Data ne Map Display to a Feature or Graphic | | X X | X | X | Geoprocessing Automate Geocoding Indexes |
| Graticules, Measured Grids, and Reference Grids | | X | X | X | Create Address Locator |
| le Depth Layer Masking | | X | X | X | Deautomate Geocoding Indexes Delete Address Locator |
| Data On-the-Fly Dynamic Joins between Different Databases | | Х | Х | Х | Geocode Addresses Rebuild Geocoding Indexes |
| and Use Many-to-One and One-to-Many Relationships | | Х | Х | Х | Standardize Addresses USA Locator for Nationwide Address Matching |
| rize Data | | X | X | X | Data Management Create Dynamic Features from Geocoded Locations |
| Charts and Reports etailed Reports Using Crystal Reports | | X | X | X | Judinic rectares from deoctobed Locations |
| Multiple Attributes tt o and Use Remote Database Tables | | X X | X | X | Nata Cunnort and late |
| y Tabular X,Y Point Data from a File or Table on a Map Data Display | | X | X | Х | Data Support and Inte |
| ol Selection Color for Each Dataset | | X | X | X | |
| MapTips nbology to a Specific Map Scale | | X | X | X | Raster Data Support |
| tively Exclude Specific Features from the Display Which Features to Display Using a SQL Query | | X X | X X | X | Direct Read of Raster Data ARC Digitized Raster Graphics (ADRG) |
| Which Data Fields Are Accessible from the Map | | Х | Х | Х | ArcSDE Rasters Band Interleaved by Line (ESRI BIL), Band Interleaved by Pixel (ES |
| Symbol 2 Value | | X | X | X | BIP), or Band Sequential (ESRI BSQ) Bitmap (BMP), Device Independent Bitmap (DIB) format, or |
| o Predefined Style | | X | X | X | Microsoft Windows Bitmap Compressed ARC Digitized Raster Graphics (CADRG) |
| d Colors or Symbols anal Symbols | | X | X | X | Controlled Image Base (CIB) Digital Geographic Information Exchange Standard (DIGEST), |
| ity Mapping pping Including Pie and Bar Chart | | X X | X X | X X | ARC Standard Raster Product (ASRP), or Universal Transverse Mercator (UTM)/Universal Polar Stereographic (UPS) Standard Raster Product (USRP) |
| and Multivariate Data Rendering ve Histogram for Data Classification | | X | X | X | Digital Terrain Elevation Data (DTED) Levels 0, 1, and 2 ER Mapper |
| ду | | X | X | X | ERDAS 7.5 GIS, 7.5 LAN, and RAW Graphic Interchange Format (GIF) |
| ractive Symbol Composer dvanced Drawing Options for Control over Draw Order | | X | X | X | Intergraph Raster Files: CIT—Binary Data; COT—Grayscale Data |
| More Than 18,000 Predefined Symbols os and Advanced Background Symbols | | X | X | X | Joint Photographics Experts Group (JPEG), Joint File Interchange Format (JFIF) JPEG 2000 |
| Symbols for Fill, Lines, Outlines, and Points rt User-Imported Graphic Fill Patterns | | X X | X | X | Multiresolution Seamless Image Database (MrSID Generations 2 and 3) |
| e Display y Faces, Nodes, and Triangles | | Х | Х | Х | National Imagery Transmission Format (NITF) Portable Network Graphics (PNG) |
| · | | Х | Х | Х | Direct Read and Write of Raster Data |
| t | | X | X | X | ERDAS IMAGINE ESRI GRID and GRID Stack |
| on ing the Sun Position to Customize the Surface Display | | X | X | X | Tagged Image File Format (TIFF) (GeoTIFF tags are supported.) Map Display |
| | <u> </u> | | | | Display Multiband Images by Assigning RGB Values to the Bands Use Individual Band Settings |
| Layout and Printing | ArcReade | ArcView | ArcEditor | Arcinfo | Display Each Unique Value in Your Images with a Discrete Color Display Image Values Using a Color Map |
| ments | Ar | Ā | Ā | Ar | Display Multiband Raster Data Using RGB Values |
| | | X X | X | X | Save Current Display Statistics to an XML File Control Raster Display Contrast and Brightness |
| S | | Х | Х | Х | Display Raster Catalog Tiles as a Time Series Import Renderer or Statistics from Another Layer |
| rrows | | X | X | X | Display Raster Values while Navigating the Map with MapTips Display Raster Resolution in Map TOC |
| ar xt | | X | X | X | Display: Gradual Color Ramp Data Stretching Algorithms |
| s ojects | | X X | X | X | Standard Deviations Histogram Equalize |
| red Reference Grid | | X | X | X | Minimum-Maximum |
| Formats | | | | | Custom None |
| oves Bitmap (BMP) | | X | X | X | Display Statistics Based on the Entire Raster Dataset |
| sulated PostScript (EPS) d Image File Format (TIFF) | | X X | X X | X | Based on the Display Extent Based on a Custom Extent |
| ole Document Format (PDF) Photographics Experts Group (JPEG) | | X X | X | X | Display Resample Methods Nearest Neighbor |
| e Network Graphics (PNG) c Interchange Format (GIF) | | X | X | X | Bilinear Interpolation |
| e Vector Graphics (SVG) | | Х | Х | Х | Cubic Convolution Display Classification Methods |
| illustrator (AI) ipt Color Separates (With Page Marks) | | X | X | X | Equal Interval Define Interval |
| th the Following Print Drivers ws | X | Х | Х | Х | Quantile Natural Breaks (Jenks) |
| ript | | X | X | X | Standard Deviation |
| ss HP RTL (RGB, CMYK, and Monochrome) ss HP PCL (RGB, CMYK, and Monochrome) | | Х | Х | Х | Raster Catalog Footprint Display Footprints Only |
| s Print Jobs on the Local Machine for Faster Printing | | Х | X | X | Selected Footprints Geoprocessing Conversion |
| | ader | eW | itor | fo | Raster to ASCII |
| Text | ArcReade | ArcView | ArcEditor | ArcInfo | ASCII to Raster Raster to Float |
| Dynamic On-the-Fly Labels | | Х | Х | Х | Float to Raster Raster to Point |
| tic Conflict Detection and Label Placement | | Х | Х | Х | Raster to Polygon Raster to Polyline |
| acement Rules for Setting Priority between Layers ent Rules for Setting Importance of Labels vs. Features | | X | X | X | Feature to Raster |
| edefined Label Styles (e.g., Highway Shields) otate from an Attribute Field | | X X | X | X | DEM to Raster Raster to Other Format (Multiple) |
| e Dynamic Labeling Schemes Built for Each Map Layer | | Х | Х | Х | Geoprocessing Transformation/Projection Mirror |
| l Which Features in a Layer Display Labels | | X | X | X | Project Raster (Single Input) |
| nced Text Formatting Tags for Dynamic Label Symbology | | Х | Х | Х | Rescale Rotate |
| nced Text Formatting Tags for Dynamic Label Symbology Ition Iteractive Label Tools (Callout, Label, Spline, and | | X | X | X | Shift Warp |
| tion | | | Х | X | Geoprocessing Raster Management |
| tion ceractive Label Tools (Callout, Label, Spline, and aph Text) | | Х | | | Batch Build Pyramids Batch Calculate Statistics |
| tion eractive Label Tools (Callout, Label, Spline, and aph Text) Text Annotation Data from Labels tion Editing tively Move, Rotate, and Scale Annotation prizontal or Angled Annotation | | Х | Х | X | |
| eractive Label Tools (Callout, Label, Spline, and sph Text) Text Annotation Data from Labels Tion Editing tively Move, Rotate, and Scale Annotation | | | | X X X | Build Pyramids Calculate Statistics |
| on ractive Label Tools (Callout, Label, Spline, and oh Text) ext Annotation Data from Labels on Editing vely Move, Rotate, and Scale Annotation izontal or Angled Annotation notation with a Leader Line unnotation That Follows a Curved Line or the Shape of an Feature cally Pull Annotation Values from Layers in the Map | | X X X | X X X | X X | |
| ctive Label Tools (Callout, Label, Spline, and Lext) At Annotation Data from Labels In Editing Bely Move, Rotate, and Scale Annotation Ontal or Angled Annotation tation with a Leader Line Inotation That Follows a Curved Line or the Shape of an Beature Bly Pull Annotation Values from Layers in the Map Bely Manage Annotation That Could Not Be Placed durinotation Creation | | X X X X | X X X X | X X X | Calculate Statistics Clip Composite Bands Copy Raster |
| tive Label Tools (Callout, Label, Spline, and Text) t Annotation Data from Labels a Editing by Move, Rotate, and Scale Annotation ation with a Leader Line rotation That Follows a Curved Line or the Shape of an ature by Pull Annotation Values from Layers in the Map by Manage Annotation That Could Not Be Placed during the state of the Shape of an ature by Manage Annotation That Could Not Be Placed during the state of the Shape of Split of the Shape of Split of S | | X X X X X X | X X X X X X | X X X X | Calculate Statistics Clip Composite Bands |
| ve Label Tools (Callout, Label, Spline, and xt) Innotation Data from Labels Editing Move, Rotate, and Scale Annotation al or Angled Annotation ion with a Leader Line ation That Follows a Curved Line or the Shape of an ure Pull Annotation Values from Layers in the Map Manage Annotation That Could Not Be Placed durin ation Creation rd in an Annotation String Independently | | X X X X | X X X X | X X X X | Calculate Statistics Clip Composite Bands Copy Raster Create Raster Catalog Item |

x x x

X X X

Create and Manage Raster Catalogs in a Multiuser Geodatabase

Store Annotation in a Geodatabase or a Map Document

Create Aligned Dimensions Displaying the True Distance between Points

Create Linear Dimensions Displaying Horizontal, Vertical, or an Angled Distance between Points

Create Annotation Subclasses

| 18 c c | cReader | /iew | Editor | nfo |
|---|-----------|---------------------------------------|---------------------------------------|---------------------------------------|
| Oocument and Data Support lap and Symbology Files | Ard | Arc | Arc | Arci |
| Read Published Map Files (from ArcGIS Publisher) Create and Edit Map Documents (.mxd) | X | X | X | X |
| Save Layer Files (.lyr) and Map Documents (.mxd) in ArcGIS 8.3 Format Use Map Templates (MXT) to Standardize Maps | | X | X | X |
| Import ArcView 3.x APR and AVL Files Direct Read of Vector Data | | Х | Х | Х |
| Geodatabase Shapefiles | | X X | X | X X |
| ArcInfo Coverages PC ARC/INFO Coverages | | X | X | X X |
| Smart Data Compression (SDC) Data Vector Product Format (VPF) Data | | X | X | X |
| Web Services ArcIMS Image Service | | X | X | X |
| ArcIMS Feature Services Geography Network Feature Service | | X | X | X |
| ArcIMS Map Service ArcGIS Server Services OGC Web Map Server (WMS) | | X X | X X | X X |
| Direct Editing of Vector Data Personal Geodatabase Simple Features (.mdb) | | X | X | X |
| Personal Geodatabase Simple Features Checked Out from a Multiuser Geodatabase | | X | X | X |
| Shapefiles Multiuser Geodatabase Features | | Х | X | X |
| Autodesk Drawing Exchange Format (DXF) | | Х | Х | Х |
| AutoCAD Drawing File (DWG) MicroStation DGN Files | | X | X | X |
| Direct Read of Other Data ESRITIN | | X | X | X |
| dBASE (DBF) Text (TXT) ESPLINED Glor | | X | X | X |
| ESRI INFO Files OLE DB Connections ODBC Connections | | X X | X X | X X X |
| Microsoft Access | | X | X | X |
| | | • | | |
| Application Frame | ewo | rk | | |
| | rcReader | cView | ditor | ıfo |
| Application Customization Application Look and Feel | ArcR | ArcV | ArcE | Arcinfo |
| Application Look and Feel Dockable/Floating Toolbars UNICODE Support for Multilanguage Attributes | | X | X | X |
| Complies with Microsoft Windows Display Settings | | Х | X | Х |
| Customizable Look and Feel (Drag and drop to rearrange tools/toolbars.) | | Х | Х | Х |
| Creates New Toolbars or Menus without Programming Creates and Saves Macros Using Visual Basic for Applications (VBA) | | X | X | X |
| Extends the Applications with any COM Compliant Development Environment | | Х | Х | Х |
| D . A | | | | |
| Data Automati | on | | | |
| | ArcReader | rcView | ditor | nfo |
| Data Editing General Editing | ArcF | Arc | ArcE | ArcInfo |
| Simultaneously Edit Multiple Layers Unlimited Undo/Redo Operations | | X | X | X |
| Integrate with ArcPad for Field Editing Provide Digitizer Support for Devices with Wintab Compliant | | X | X | X X |
| Drivers Make Measurements Using any Units That You Choose | | Х | Х | Х |
| Optionally Scale Features When Individual Vertices Are Moved Automatically Correct Ground Measures Appropriately in the GIS | | X | X | X |
| Snap Tips Indicating What Is Being Snapped To Dockable Snapping Dialog That Makes It Quick and Easy to Change Snapping while Editing | | X | X | X |
| Snapping by Layer Vertex | | Х | Х | Х |
| Edge Endpoint | | X | X | X X |
| Snapping to New Geometry Edges | | X | Х | Х |
| Vertices Perpendicular | | X X | X | X X |
| Snapping to Topology Nodes Endpoint | | Х | Х | Х |
| Vertex Midpoint | | X | X | X |
| Edge Snapping Tolerance | | X | X | Х |
| By Pixels By Map Units | | X | X | X |
| Interactively Geometry Construction Options Constrain the Next Segment by Direction | | X | X | X |
| Constrain the Next Segment by Direction Constrain the Next Segment with a Deflection Angle from Last Segment | | X | X | X |
| Constrain the Next Segment by Length Specify an Exact X,Y Location | | X | X | X |
| Specify an X,Y Difference from the Last Vertex Constrain the Next Segment to Be Parallel to the Last Segment | | X | X | X X |
| Constrain the Next Segment to Be Perpendicular to the Last Segment Constrain the Next Segment Based on an Angle from an Existing | | X | X | X |
| Constrain the Next Segment Based on an Angle from an Existing Feature Segment in the Map Create Geometry from Existing Features in the Map | | X | X | X |
| Create a Curve Tangent to the Last Segment Finish a Polygon by Generating Perpendicular Segments from the First and Last Segment | | X | X | X |
| First and Last Segment Flip the Orientation of the Geometry Trim Geometry to a Specific Length | | X | X | X |
| Geometry Creation Tools Point and Click On-Screen Digitizing | | X | X | X |
| Stream Digitizing Add a Coordinate Based on an Angle from One Location and a | | X | X | X |
| Distance from Another Add a Coordinate Based on the Implied Intersection of Two Segments | | X | X | Х |
| Construct a True Curve Construct a Tangent Curve | | X | X | X |
| Add a Coordinate Based on a Distance from Two Known Locations Add a Coordinate at the Midpoint between Two Known Locations | | X | X | X |
| Add Coordinates along Existing Coordinates Feature Manipulation Tasks | | X | Х | Х |
| Create Features Using New Geometry Create New Polygons Using the Geometry of Existing Features | | X | X | X |
| | | X | X | X |
| (Autocomplete Polygons) Reshape Existing Features | | X | X X | X X |
| (Autocomplete Polygons) | | Х | | Λ. |
| (Autocomplete Polygons) Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features | | X | X | Х |
| (Autocomplete Polygons) Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features | | | | X |
| (Autocomplete Polygons) Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including | | Х | Х | |
| (Autocomplete Polygons) Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including Move, Rotate, Delete, Copy, and Paste Split a Line at a Distance or Percentage Divide a Line, Based on a Distance, a Number of Segments, or a | | X X X | X X X | X X |
| (Autocomplete Polygons) Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including Move, Rotate, Delete, Copy, and Paste Split a Line at a Distance or Percentage Divide a Line, Based on a Distance, a Number of Segments, or a Measure Value (M Coordinate) Buffer Features Copy Lines Parallel to Their Existing Location Merge Existing Features Create New Features by Merging Features in the Same or Another | | X X X X | X X X X | X X X |
| Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including Move, Rotate, Delete, Copy, and Paste Split a Line at a Distance or Percentage Divide a Line, Based on a Distance, a Number of Segments, or a Measure Value (M Coordinate) Buffer Features Copy Lines Parallel to Their Existing Location Merge Existing Features Create New Features by Merging Features in the Same or Another Layer (Union) Create New Features from the Buffer of Existing Features | | X X X X X X X | x x x x x x x x x x | x x x x x x |
| (Autocomplete Polygons) Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including Move, Rotate, Delete, Copy, and Paste Split a Line at a Distance or Percentage Divide a Line, Based on a Distance, a Number of Segments, or a Measure Value (M Coordinate) Buffer Features Copy Lines Parallel to Their Existing Location Merge Existing Features Create New Features by Merging Features in the Same or Another Layer (Union) Create New Features from the Buffer of Existing Features Create New Polygons by Intersecting Existing Feature Classes Clip One or More Polygons with Another Polygon | | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including Move, Rotate, Delete, Copy, and Paste Split a Line at a Distance or Percentage Divide a Line, Based on a Distance, a Number of Segments, or a Measure Value (M Coordinate) Buffer Features Copy Lines Parallel to Their Existing Location Merge Existing Features Create New Features by Merging Features in the Same or Another Layer (Union) Create New Features from the Buffer of Existing Features Create New Polygons by Intersecting Existing Feature Classes Clip One or More Polygons with Another Polygon Extend and Trim Lines with Other Features in the Map | | x | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Reshape Existing Features Cut Polygon Features Create Mirror Copies of Existing Features Extend or Trim Existing Features Add, Delete, Interactively Move, or Modify the Coordinate Values for Vertex Locations of Existing Features Feature Editing Tools Including Move, Rotate, Delete, Copy, and Paste Split a Line at a Distance or Percentage Divide a Line, Based on a Distance, a Number of Segments, or a Measure Value (M Coordinate) Buffer Features Copy Lines Parallel to Their Existing Location Merge Existing Features Create New Features by Merging Features in the Same or Another Layer (Union) Create New Features from the Buffer of Existing Features Create New Polygons by Intersecting Existing Feature Classes Clip One or More Polygons with Another Polygon | | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |

X X X

X X X

X X X

X X X

Validate Attribute Values Using Rules Defining Valid Values

Add and Delete Parts
Zoom to Parts

Add, Delete, and Edit Vertex Locations

| Data Editing (continued) | ArcReader | ArcView | ArcEditor | Arcinfo | Data Manage |
|---|-----------|------------|------------|----------|--|
| Map Navigation While Editing Zoom to Feature Vertices | | X | X | X | Data Management |
| Zoom to Feature Parts Interactively Pan and Zoom Using the Editing Tools and Shortcut Keys | | X | X | X | General Move, Copy, and Paste GIS Data and All A |
| Pan and Zoom to Unplaced Annotation or the Feature Associated with the Unplaced Annotation Vector Data Transformations | | Х | Х | Х | Manage Raster Datasets and Raster Catal Geodatabase Create Personal Geodatabases |
| Rubber Sheeting Transformation Transformation—Affine Transformation | | X X | X X | X | Create Personal Geodatabase Feature Cla Create Shapefiles |
| Transformation—Similarity Transformation Transformation—Projective Transformation | | X X | X X | X | Administer ArcGIS Server Search for GIS Data By |
| Edgematching Transformation Transfer Accurate Attributes from Features with Inaccurate Geometry to Features with Accurate Geometry (Conflation) | | X | X | X | Name Type |
| Copy Feature Geometry from One Location/Layer to a New Location/Layer | | | Х | Х | Location Date |
| Coordinate Geometry (COGO) Create Fields to Store COGO Measurements | | | X | X | Manage Coverage Data |
| Add New Features by Specifying Courses along a Traverse Split a Line at Specific Intervals (Proportion) Populate COGO Measurements from the Geometry of a Feature | | | X X | X X | Add/Modify Tic Locations Set Coordinate System |
| (Inverse) Create a Curved Line at the Intersection of Two Existing Lines (Fillet) | | | X | X | Change the Data Extent Create Coverage Relationship Classes |
| Generalization Smooth Line Features | | | Х | Х | Create a New Coverage Create a New INFO File |
| Simplify the Shape of Line Features (Generalize) | | | X | X | Modify Coverage Tolerances UML/CASE Tool Integration Generate Geodatabase Schema from a UN |
| Raster Editing | eader | ew | itor | lo J | CASE Tool (Via XML File or Microsoft Rep Apply a Geodatabase Schema to Existing Tool Design |
| and Vectorization | ArcRe | ArcVi | ArcEd | Arcin | Geodatabase Administration Create and Load Vector and Raster Data in |
| 1 Bit Raster Data | | | X | X | Geodatabase Create Tables/Feature Classes That Store |
| 8 Bit Raster Data (With Bi-Level Classification Applied) ArcGIS Integration | | | X | X | Update RDBMS Statistics for GIS Data Interchange File Import/Export |
| Vectorization into any Editable Vector Dataset Seamless Integration with Vector Data Editing Environment | | | X | X | XML ZIP (compressed text file with 4 GB file |
| Centerline | | | X | X | Z (compressed text file with no file size |
| Corner Intersection Ends | | | X | X | Attribute Validation |
| Solid Raster Snapping Environment | | | Х | X | Subtypes Geoprocessing |
| Available to All Editor Sketch Tools Snap to Raster Linear Feature of Specified Width or Less | | | X | X | Add Subtype Remove Subtype |
| Snap to Solids within Specified Diameter Ignore Holes in Data while Snapping | | | X | X | Set Default Subtype Set Subtype Field |
| Vectorization Tracing Interactive Tracing Raster Lines | | | Х | Х | Domains Geoprocessing Add Coded Value to Domain |
| Ignore Holes in Raster Linear Features Automatic Vectorization | | | Х | Х | Assign Domain to Field Create Domain |
| Vectorize Entire Raster Vectorize Specific Raster Area | | | X | X | Delete Coded Value from Domain Delete Domain |
| Simultaneously Capture Line and Polygon Vectors Vectorization Parameters | | | Х | Х | Domain to Table Remove Domain from Field |
| Vectorize Raster Lines Less Than or Equal to Specified Width Reduce Vectors (Compression) on Creation | | | X | X | Set Value for Range Domain Table to Domain |
| Smooth Vectors on Creation Jump Gaps (Dashes) within Raster | | | X X | X | Create and Edit Relationships be |
| Variable Methods for Resolving Intersections Save and Load Parameters | | | X X | X | One-to-Many Many-to-Many |
| Vectorization Preview Dynamic Vectorization Preview | | | Х | Х | Specify Cardinality Rules for Relationships Store Attributes for Relationships Geodatabase Relationship Behav |
| Change Preview Symbology Raster Cell Selection | | | Х | Х | Moving a Feature Moves the Related Feat Deleting One Feature Deletes the Related |
| Selection of Foreground or Background Cells Select Connected Cells Interactively | | | X | X | Relationship Class Geoprocessing Create Relationship Class |
| Select Connected Cells by Count Select Connected Cells by Diagonal Area | | | X | X | Table to Relationship Class |
| Raster Cleanup Environment Undo/Redo Raster Cleanup Operations | | | Х | Х | |
| Erase or Fill Selected Cells Save Selected Cells to New Raster | | | X | X | Topology |
| Brush | | | X | X | Map Display Display a Summary of the Errors and Excep |
| Erase Basic Shapes (Line, Square, Ellipse, and Polygon) Erase Connected Cells | | | X X | X X | Display the Feature Classes and Rules in the Display Errors, Exception, and Dirty Areas |
| Support Tools Discover Raster Line Width | | | X | X | Construct and Edit Topologies Created fro |
| Discover Raster Solid Diameter | | | Х | Х | Move Topological Edges and Nodes Show or Select Adjacent or Connected Fe Reshape Shared Edges between Features |
| 2 The vectorization functionality is available through the ArcScan for Arr with ArcView but is automatically included with ArcEditor and ArcInfo | | ion, which | i can be p | urchased | Modify the Coordinates of Shared Edges of Split Shared Edges at a Specific Point, Dis |
| AA 1.91 | ArcReader | ArcView | ArcEditor | ArcInfo | along the Edge Move Edges and Nodes to a Specific Loca |
| Mobile GPS Support | Arc | Arc | Arc | Arc | Shift Edges and Nodes Based on an Offse Location Merge Connected Edges |
| Display Real-Time Location Points from a GPS Receiver Dynamically Center the Map on the Current GPS Point | | X | X X | X | Control Which Adjacent or Connected Fea Shared Edge or Node Is Moved |
| Store GPS Locations in a Log File Filter by GPS Input by Time, Distance, or Deflection | | X | X | X | Construct Polygons from Lines or Lines from Split Lines Where They Intersect |
| Tablet PC Support of Windows XP Tablet PC Edition | | Х | Х | Х | Validate a Specific Area or the Entire Topo Search for Errors of a Specific Type within Topology |
| Edit features or graphics with a Stylus Annotate the Map with Redlining and Highlighting Tools | | X X | X X | X | Inspect Errors by Zooming, Panning, or Se Geodatabase Topology Rule Viole |
| Find Handwritten Notes within the Map Convert Redlining Handwriting to Text | | X | X X | X | Fix Operations Delete Features |
| | ler | | J. | | Subtract Features Create Features Merge Features |
| Multiuser Geodatabase Editing | ArcReade | ArcView | ArcEditor | Arcinfo | Snap Features Extend Lines |
| General Editing Multiple Editors Can Simultaneously Edit the Same Feature Classes | | | Х | Х | Trim Lines Split Lines |
| in a Multiuser Geodatabase Isolate Editing Projects in Separate Versions (Create Version) Enabling a Variety of Work Flows | | | Х | Х | Explode Features Simplify Features |
| Merge Versions (Reconcile and Post) Delete Versions | | | X | X | Geodatabase Topology Managen Create and Manage Geodatabase Topolog |
| Disconnected Editing Check Out Raster and Vector Data from a Multiuser Geodatabase | | | Х | Х | Specify a Hierarchy for Vertex Snapping D Geodatabase Topology Rules |
| Using a Variety of Spatial and Attribute Filters Package Edits Made to a Checkout Geodatabase in an XML File | | | Х | X | Polygons Contain Points Polygons Must Not Overlap |
| Check in Edits to a Multiuser Geodatabase from a Checkout Geodatabase Administration Geoprocessing | | | Х | Х | Polygons Must Not Have Gaps Polygons Must Not Overlap with Polygons |
| Modify Data Privileges for Data in a Multiuser Geodatabase Register SDE Data with the Geodatabase | | | X | X | Polygons Must Be Covered by One Polygo Class — Polygons Must be Covered by One or Mor |
| Clean Up Versioning Tables (Compress) Add and Remove Tables and Feature Class from the Versioning Environment (Register and Unregister as Versioned) | | | X | X | Feature Class Polygons from Two Feature Classes Must |
| Versioning Geoprocessing Alter Version | | | Х | Х | Polygon Boundaries Must Be Covered by L Class Polygon Boundaries Must Be Covered by t |
| Create Version Delete Version | | | X | X | Polygons in Another Feature Class Lines Must Not Overlap |
| Post Version Reconcile Version | | | X | X | Lines Must Be Single Part Lines Must Not Self-Overlap |
| Register as Versioned Unregister as Versioned | | | X | X | Lines Must Not Overlap with Lines in Anot Lines Must Not Have Dangles |
| Disconnected Editing Geoprocessing Check In | | | X | Х | Lines Must Not Have Pseudo Nodes Lines Must Not Intersect Lines Must Not Self-Intersect |
| Check In from Delta Check Out | | | X | X | Lines Must Not Self-Intersect Line Endpoints Must Be Covered by Points Lines Must Be Covered By Polygon Bound |
| Export to Delta | | | Х | X | Lines Must Be Covered By Polygon Bound Class Lines Must Not Intersect or Touch Interior |
| Spatial Referencing Image | ArcReader | ew | litor | fo | Lines Must Be Covered by Lines of Anothe Points Must Be Covered by Lines of Anoth |
| Data (Georeferencing) | ArcR | ArcView | ArcEdito | Arcinfo | Points Must Be Inside Polygons Points Must Be Covered by the Endpoints |
| Inage Shift, Flip, Rotate, or Fit to Display Interactively Specify from and to Control Points | | X | X | X | Points Must Be Covered by the Boundary Feature Class Geoprocessing |
| Save and Load Control Points with Error and Accuracy Information Transformation Methods | | X | X | X | Add Feature Class to Topology Add Rule to Topology |
| 1st Order Polynomial 2nd Order Polynomial | | X | X | X | Create Topology Remove Feature Class from Topology |
| 3rd Order Polynomial Save Spatial Reference Information | | Х | Х | Х | Remove Rule from Topology Set Cluster Tolerance |
| Create a New Dataset (Rectify) Save Reference Information with the Image | | X | X X | X | Validate Topology 3 Only available with simple features in map-l |
| | | | | | , sample reactores in map i |

| Onto Monograms | cReader | View | Editor | Info |
|--|---------|--|---------------------------------------|---------------------------------------|
| ata Management neral Mana Compand Date CIS Date and All Accepted Files | Arc | Arc | Arc | Arc |
| Move, Copy, and Paste GIS Data and All Associated Files Manage Raster Datasets and Raster Catalogs in a Personal Geodatabase | | X | X | X |
| Create Personal Geodatabases Create Personal Geodatabase Feature Classes | | X | X | X X |
| Create Shapefiles Administer ArcGIS Server | | X X | X | X |
| earch for GIS Data By Name | | Х | Х | Х |
| Type Location | | X | X | X |
| Date Metadata Tag | | X | X | X |
| lanage Coverage Data Add/Modify Tic Locations | | | X | Х |
| Set Coordinate System Change the Data Extent | | | X | X |
| Create Coverage Relationship Classes Create a New Coverage | | | X | X |
| Create a New INFO File Modify Coverage Tolerances | | | X | X |
| ML/CASE Tool Integration Generate Geodatabase Schema from a UML Diagram Created in a | | | Х | Х |
| CASE Tool (Via XML File or Microsoft Repository) Apply a Geodatabase Schema to Existing Features from a CASE Tool Design | | | Х | Х |
| eodatabase Administration Create and Load Vector and Raster Data into a Multiuser | | | X | X |
| Geodatabase Create Tables/Feature Classes That Store Custom Objects/Features | | | X | X |
| Update RDBMS Statistics for GIS Data terchange File Import/Export | | | Х | Х |
| XML ZIP (compressed text file with 4 GB file size limit) | | | X | X |
| Z (compressed text file with no file size limit) | | | Х | Х |
| | cReader | ew | litor | fo |
| ttribute Validation | ArcRe | ArcVi | ArcEo | ArcIn |
| Add Subtype Add Subtype | | X | Х | Х |
| Remove Subtype Set Default Subtype | | X | X | X |
| Set Subtype Field mains Geoprocessing | | X | Х | Х |
| Add Coded Value to Domain Assign Domain to Field | | X | X | X |
| Create Domain Delete Coded Value from Domain | | X | X | X |
| Delete Domain Domain to Table | | X | X | X |
| Remove Domain from Field Set Value for Range Domain | | X | X | X |
| Table to Domain eate and Edit Relationships between Features | | Х | Х | Х |
| One-to-One One-to-Many | | | X | X |
| Many-to-Many Specify Cardinality Rules for Relationships | | | X | X |
| Store Attributes for Relationships | | | Х | Х |
| Moving a Feature Moves the Related Feature Deleting One Feature Deletes the Related Feature | | | X | X |
| elationship Class Geoprocessing Create Relationship Class | | | X | Х |
| Table to Relationship Class | | | Х | Х |
| | cReader | ew | ditor | fo |
| opology ap Display | ArcR | ArcV | ArcE | ArcIn |
| Display a Summary of the Errors and Exceptions in the Topology Display the Feature Classes and Rules in the Topology | | X | X | X |
| Display Errors, Exception, and Dirty Areas in the Map | | Х | Х | X |
| Construct and Edit Topologies Created from Layers in the Map | | X ₃ | X | X |
| Move Topological Edges and Nodes Show or Select Adjacent or Connected Features | | X3 X3 | Х | Х |
| _ , _, ,_, , | | ΥS | X | X |
| Reshape Shared Edges between Features Modify the Coordinates of Shared Edges or Nodes | | X ₃ | X | |
| | | | X X | X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge | | χ3 | Х | Х |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a | | X ₃ | X | X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons | | χ ³ χ ³ χ ³ χ ³ | X X X | X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology | | χ ³ χ ³ χ ³ χ ³ | X X X X X X X | x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect | | χ ³ χ ³ χ ³ χ ³ | X X X X X X | X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features codatabase Topology Rule Violation x Operations | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Ecodatabase Topology Rule Violation X Operations Delete Features Subtract Features | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features eodatabase Topology Rule Violation x Operations Delete Features Subtract Features Create Features Merge Features | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation COperations Delete Features Subtract Features Merge Features Snap Features Snap Features Extend Lines | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features codatabase Topology Rule Violation (Operations) Delete Features Subtract Features Create Features Merge Features Snap Features Extend Lines Trim Lines Split Lines | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation COperations Delete Features Subtract Features Merge Features Snap Features Snap Features Extend Lines Trim Lines Explode Features Simplify Features Simplify Features | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation COperations Delete Features Subtract Features Merge Features Snap Features Snap Features Extend Lines Trim Lines Explode Features Simplify Features Simplify Features | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features codatabase Topology Rule Violation X Operations Delete Features Subtract Features Create Features Merge Features Extend Lines Trim Lines Split Lines Explode Features Explode Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features codatabase Topology Rule Violation Operations Delete Features Subtract Features Merge Features Merge Features Snap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation Coperations Delete Features Subtract Features Create Features Merge Features Snap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Contain Points | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features odatabase Topology Rule Violation Operations Delete Features Subtract Features Create Features Merge Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Contain Points Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | x x x x x x x x x x x x x x x x x x x |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features odatabase Topology Rule Violation Operations Delete Features Subtract Features Create Features Merge Features Snap Features Extend Lines Trim Lines Split Lines Explode Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Contain Points Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes Based on an Offset from Their Current Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features codatabase Topology Rule Violation Operations Delete Features Subtract Features Create Features Shap Features Snap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Contain Points Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation COPETATIONS Delete Features Subtract Features Create Features Smap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation Operations Delete Features Create Features Merge Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Contain Points Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Must Be Covered by One Polygons in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygon Bo | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation Coperations Delete Features Subtract Features Create Features Merge Features Shap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features Codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Codatabase Topology Rules Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygon in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Must be Covered by One Polygon in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons in Another Feature Classe Must Cover Each Other Polygons on Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Lines Must Not Overlap with Lines in Another Feature Class Lines Must Not Overlap with Lines in Another Feature Class Lines Must Not Overlap with Lines in Another Feature Class | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shiff Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation Operations Delete Features Subtract Features Steplet Features Steplet Features Strim Lines Split Lines Explode Features Simplify Features Simplify Features Simplify Features Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Codatabase Topology Rules Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Lines Must Not Overlap Lines Must Not Have Dangles Lines Must Not Have Pseudo Nodes | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features codatabase Topology Rule Violation X Operations Delete Features Subtract Features Create Features Shap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features codatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation codatabase Topology Rules Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygon in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygon Boundaries Must Be Covered by Lines of Another Feature Class Lines Must Not Overlap Lines Must Not Overlap Lines Must Not Overlap Polygon in Another Feature Class Lines Must Not Overlap Polygon in Another Feature Class Lines Must Not Overlap Polygon in Another Feature Class Lines Must Not Overlap Polygon in Another Feature Class Lines Must Not Overlap Polygon in Another Feature Class Lines Must Not Have Dangles | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Podatabase Topology Rule Violation Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Polygons Features Subtract Features Create Features Snap Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features Poddatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Must Be Covered by One or More Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Lines Must Not Overlap Lines Must Not Overlap Lines Must Rot Self-Overlap Lines Must Not Overlap Lines Must Not Self-Overlap Lines Must Not Self-Overlap Lines Must Not Overlap Polygon Boundaries of Another Feature Class Lines Must Not Have Pseudo Nodes Lines Must Not Have Pseudo Nodes Lines Must Not Have Pseudo Nodes Lines Must Not Intersect Lines Must Not Not Intersect Line Endpoints Must Be Covered By Polygon Boundaries of Another Feature Class Lines Must Be Covered By | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Eddatabase Topology Rule Violation X Operations Delete Features Subtract Features Create Features Simple Features Simplify Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features Eodatabase Topology Management Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Eodatabase Topology Rules Polygons Contain Points Polygons Must Not Overlap Polygons Must Be Covered by One Polygon in Another Feature Class Polygons from Two Feature Classes Must Cover Each Other Polygon Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygon Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Lines Must Not Overlap Lines Must Not Overlap Lines Must Not Overlap with Lines in Another Feature Class Lines Must Not Have Pseudo Nodes Lines Must Not Intersect Line Endpoints Must Be Covered by Polygon Boundaries of Another Feature Class Lines Must Not Intersect Line Endpoints Must Be | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Coddatabase Topology Rule Violation Operations Delete Features Subtract Features Subtract Features Features Subtract Features Simplify Features Simplify Features Split Lines Explode Features Simplify Features Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Rules Polygons Contain Points Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Polygons Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Lines Must Not Overlap with Lines in Another Feature Class Lines Must Not Have Pouglos Lines Must Not Overlap Polygon Boundaries of Another Feature Class Lines Must Not Have Pouglos Boundaries of Another Feature Class Lines Must Not Overlap Polygon Boundaries of Another Feature Class Lines Must Not Overlap Polygon Boundaries of Another Feature Class Lines Must Not Overlap Polygon Boundaries of Another Feature Class Lines Must Not Overlap Polygon Boundaries of Another Feature Class Lines Must Not Overlap Polygon Boundaries of Another Fea | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Bothatabase Topology Rule Violation Create Features Subtract Features Create Features Shap Features Stend Lines Trim Lines Split Lines Explode Features Simplify Features Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Create and Manage Geodatabase Topology Rules Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Be Covered by One or More Polygons in Another Feature Class Lines Must Be Covered by One or More Polygons in Another Feature Class Lines Must Not Self-overlap Lines Must Not Self-overlap Lines Must Not Self-overlap Lines Must Not Have Dangles Lines Must Not Have Seudo | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Polygons Coperations Delete Features Subtract Features Create Features Merge Features Split Lines Extend Lines Trim Lines Split Lines Explode Features Simplify Features Polygone Features Simplify Features Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons in Another Feature Class Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Boundaries Must Be Covered by One Polygon in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Must Not Overlap Lines Must Not Overlap With Lines in Another Feature Class Lines Must Not Overlap With Lines in Another Feature Class Lines Must Not Overlap With Lines in Another Feature Class Lines Must Not Intersect Lines Must Rot Overlap With Lines in Another Feature Class Lines Must Not Intersect Lines Must Not Intersect Lines Must Not Intersect Lines Must Rot Covered by Lines of Another Feature Class Lines Must Not Intersect or Touch Interior Lines Must Be Covered by Lines of | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Polygons Coperations Delete Features Subtract Features Create Features Merge Features Split Lines Extend Lines Trim Lines Split Lines Explode Features Simplify Features Polygone Features Simplify Features Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons in Another Feature Class Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Must Not Overlap Polygons Boundaries Must Be Covered by One Polygon in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Must Not Overlap Lines Must Not Overlap With Lines in Another Feature Class Lines Must Not Overlap With Lines in Another Feature Class Lines Must Not Overlap With Lines in Another Feature Class Lines Must Not Intersect Lines Must Rot Overlap With Lines in Another Feature Class Lines Must Not Intersect Lines Must Not Intersect Lines Must Not Intersect Lines Must Rot Covered by Lines of Another Feature Class Lines Must Not Intersect or Touch Interior Lines Must Be Covered by Lines of | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node Is Mowed Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Inspect Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Codatabase Topology Rule Violation Coperations Delete Features Create Features Subtract Features Extend Lines Trim Lines Split Lines Explode Features Simplify Features Create and Manage Geodatabase Topology Specify a Hierarchy for Vertex Snapping During Topology Creation Codatabase Topology Rules Polygons Must Not Overlap Polygons Must Be Covered by One Polygon in Another Feature Class Polygons Must Be Covered by One or More Polygons in Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Polygons Boundaries Must Be Covered by Lines of Another Feature Class Lines Must Not Overlap with Lines in Another Feature Class Lines Must Not Intersect Lines Must Rot Covered by Points of Another Feature Class Lines Must Not Intersect Lines Must Rot Overlap With Lines in Another Feature Class Lines Must Not Intersect Lines Must Rot Overlap With Lines in Another Feature Class Lines Must Not Intersect Lines Must Rot Overlap With Lines in Another Feature Class Lines Must Rot Intersect Lines Must Rot Overlap With Lines in Another Feature Class Lines Must Rot Overlap With Lines of Another Feature Class Lines Must Rot Overlap Vilnes of Anot | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |
| Modify the Coordinates of Shared Edges or Nodes Split Shared Edges at a Specific Point, Distance, or Percentage along the Edge Move Edges and Nodes to a Specific Location Shift Edges and Nodes Based on an Offset from Their Current Location Merge Connected Edges Control Which Adjacent or Connected Features Move When a Shared Edge or Node is Moved Construct Polygons from Lines or Lines from Polygons Split Lines Where They Intersect Validate a Specific Area or the Entire Topology Search for Errors of a Specific Type within One Area or the Entire Topology Inspect Errors by Zooming, Panning, or Selecting the Features Polygons A Dereatures Subtract Features Subtract Features Subtract Features Shared Edges Topology Rule Violation X Operations Delete Features Shape Eatures Shape Eatures Shape Eatures Shape Eatures Shape Eatures Shape Features Shape Features Shape Eatures Shape Features Shape Features Shape Features Extend Lines Extend Lines Explode Features Shape Features Extend Lines Explode Features Polygons Must Not Overlap Polygons Must Not Overlap with Polygons in Another Feature Class Polygons Must Not Overlap Whoppons in Another Feature Class Polygons Must Be Covered by One Polygon in Another Feature Class Polygons From Two Feature Classes Must Cover Each Other Polygon Boundaries Must Be Covered by Lines of Another Feature Class Lines Must Not Overlap Polygon Boundaries Must Be Covered by the Boundaries of Polygons in Another Feature Class Lines Must Not Have Seado Nodes Lines Must Not Have Dangles Lines Must Not Have Seado Nodes Lines Must No | | χ ³ χ ³ χ ³ χ ³ | x x x x x x x x x x x x x x x x x x x | X X X X X X X X X X X X X X X X X X X |

| etworks | ırcReader | ırcView | vrcEditor | vrcInfo |
|--|-------------|------------------|------------------|---------------------------------------|
| lity Network Analysis | 4 | 4 | 4 | |
| Trace Upstream Trace Downstream | | X | X | X |
| Find Common Ancestors Find Connected Network Features | | X | X | X |
| Find Loops in Network Find Disconnected Network Features | | X | X | X |
| Find Path Find Path Upstream | | X | X | X |
| Find Upstream Accumulation Isolate a Point on the Network | | X | X | X |
| ta Management Create and Manage Utility Networks | | | X | Х |
| Create Complex Edge Features that Maintain Connectivity Without Splitting the Feature | | | Х | Х |
| ometric Network Connectivity Rules Edge—Junction | | | X | Х |
| Edge—Edge via Junction ometric Network Editing | | | Х | Х |
| Connect and Disconnect Network Features Enable and Disable Network Features | | | X | X |
| Set Flow Direction for a Network Verify, Repair, and Rebuild Connectivity in a Network | | | X | X X |
| Verify the Geometry of Network Features Review and Repair Network Creation Errors | | | X | X |
| neview and nepail inclimation Cleanuri Eriors | | | ٨ | ^ |
| noon Defenencies (Deutes) | Reader | View | Editor | Info |
| near Referencing (Routes) | Arc | Arc | Arc | Arc |
| Find and Display Dynamic Segmentation Events (Point, Linear, and Continuous) on Routes | | Х | Х | Х |
| iting Interactively Modify M Coordinate Values | | X | X | Х |
| Interactively Drop M Coordinates Create Routes for Selected Lines Using the Length of the Features, | | X | X | X X |
| a Field Value, or Specific From and To Measures Edit a Portion of a Line Without Affecting the Measures on the | | Х | X | Х |
| Rest of the Line Adjust One Route Using Points along the Routes (Calibrate) | | Х | Х | Х |
| Calculate Measures Using From and To Measures for a Line Set the Digitized Direction of the Line to Match Measure Values | | X | X | X |
| Calculate Measures Based on Length of Line Drop All the Measures for a Line | | X X | X X | X X |
| Calculate Unknown Measures Using Interpolation Based on Existing Measures | | Х | X | Х |
| Add a Value to All Measures on a Line Multiply All Measures on a Line by a Factor | | X | X | X |
| Add a Vertex at a Specific Measure oprocessing | | Х | Х | Х |
| Make Route Event Layer Create Routes | | X | X | X |
| Adjust All Route Measures Using Points along the Routes (Calibrate) | | Х | Х | Х |
| Dissolve Route Events Locate Features along Routes | | X X | X X | X X |
| Overlay Route Events Transform Route Events | | X X | X X | X X |
| | 5 | | | |
| letadata | rcReadeı | cView | cEditor | clnfo |
| neral | Ā | Ā | Ā | Ā |
| Automatically or Manually Generate Metadata for Data Files | | X | X | X |
| www Metadata Using a Variety of Styles | | Х | Х | Х |
| FGDC Classic | | Х | Х | Х |
| FGDC ESRI | | Х | | Х |
| FGDC FAQ | | Х | X | Х |
| | | | | X X X |
| FGDC FAQ FGDC Geography Network | d Ar | X X X X | X X X X | Х |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML | ArcReader D | X X X X | X X X X | X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Overage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo | , | x x x x | X X X X | X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Diverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Overage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format | , | x x x x | X X X X | Arcinfo x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Diverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Discoverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data | , | x x x x | X X X X | X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Diverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Discoverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Discard Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Discard Geoprocessing Plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Disample Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Distance Point Node | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Distance Distance Distance Doverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Ustance Identify Intersect Union Update Buffer Near Point Distance | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Discoverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Distance Point Node Thiessen | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Distance Doverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Union Update Buffer Near Point Distance Point Node Thiessen Inversion Export to DLG | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Dication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Union Update Buffer Near Point Distance Point Distance Point Node Thiessen Inversion Export to DLG Export to Interchange File Export to S57 | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Dication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Union Update Buffer Near Point Distance Point Distance Point Node Thiessen nversion Export to DLG Export to Interchange File Export to SDTS Export to SDTS Export to SDTS Export to VPF | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulation and Deverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Distance Point Distance Point Node Thiessen nversion Export to DLG Export to DLG Export to SS7 Export to SS7 Export to VPF Ungenerate Advanced TIGER Conversion Generate | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulation and Data Manipulation and Doverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Distance Point Distance Point Node Thiessen nversion Export to DLG Export to Interchange File Export to SDTS Export to VPF Ungenerate Advanced TiGER Conversion Basic TigER Conversion | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Doverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Union Update Buffer Near Point Distance Point Distance Point Node Thiessen nversion Export to DLG Export to SDTS Export to SDTS Export to SDTS Export to VPF Ungenerate Advanced TIGER Conversion Basic TIGER Conversion Generate Import from DLG Import from DLG Import from SDTS | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulation and Dication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Node Thiessen Inversion Export to DLG Export to DLG Export to Interchange File Export to S57 Export to SDTS Export to VPF Ungenerate Advanced TIGER Conversion Basic TIGER Conversion Generate Import from DLG Import from DLG Import from SDTS Import from SDTS Import from SDTS Import from VPF gregation | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISSO ISSO Geography Network Raw XML Data Manipulation and Deverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Distance Proint Distance Proint Distance Proint Distance Export to DLG Export to DLG Export to DLG Export to Interchange File Export to VPF Ungenerate Advanced TiGER Conversion Basic TiGER Conversion Generate Import from DLG Import from DLG Import from SDTS Import from VPF gregation Append | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Dication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Union Update Buffer Near Point Distance Point Distance Point Node Thiessen Diversion Export to DLG Export to LG Export to SDTS Export to SDTS Export to SDTS Export to VPF Ungenerate Advanced TIGER Conversion Basic TIGER Conversion Generate Import from DLG Import from DLG Import from DLG Import from DLG Import from SDTS Import from VPF Import from V | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FEDIC FAQ FEDC Geography Network FEDC Geograp | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FEGIC FAQ FEGIC Geography Network FEGIC Geography FEGI | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| GOC FAQ GOC Geography Network SO SO Geography Network Raw XML Data Manipulation and Discation Framework Full-Featured Management and Analysis Environment for Arcinfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Clip Coverage Data Format ARC Macro Language (AML) Scripting Environment Clip Coverage Data Gord Clip Coverage Data Clip Coverage Cov | , | x x x x | X X X X | x x x x x x x x x x x x x x x x x x x |
| FGDC FAQ FGDC Geography Network SSO SSO Geography Network Raw XML Data Manipulation and Discition Framework Full-Featured Management and Analysis Environment for Arcinfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Frase Identify Intersect Union Update Buffer Near Point Distance Point Node Thiessen Inversion Export to ING Export to DLG Export to SDTS Export to TIGER Conversion Generate Import from DLG Import from DLG Import from SS7 | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network SSO SSO Geography Network Raw XML Data Manipulation and | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Doverage Geoprocessing plication Framework Flull-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Erase Identify Intersect Union Update Buffer Near Point Distance Point Node Thiessen nversion Export to DLG Export to DLG Export to Interchange File Export to VPF Ungenerate Advanced TIGER Conversion Basic TIGER Conversion Generate Import from DLG Import from DLG Import from Interchange File | , | x x x x | X X X X | X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulation | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Discoverage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for Arcinfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Split Frase Identify Intersect Union Update Buffer Near Point Distance Point Node Thiessen nversion Export to DLG Export to To DLG Export to Interchange File Export to S57 Export to S0TS Export to S0TS Export to To FR Export to WPF Ungenerate Import from DLG Import from DLG Import from DLG Import from SDTS Import from SDTS Import from VPF gregation Append mposite Features Line Coverage to Region Line Coverage to Region Culiages Dual Lines to Centerline Dissolve Eliminate Find Conflicts Simplify Line or Polygon Jor Indoor Jor | , | x x x x | X X X X | X |
| FGDC FAQ FGDC Geography Network ISO Geography Network ISO Geography Network ISO Geography Network Raw XML Data Manipulation and Data Manipulation and Data Manipulation and Discation Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format RARC Marco Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Cilip Select Split Erase Iddentify Intersect Union Update Buffer Near Pohnt Distance Pohnt Node Thiessen Inversion Export to DLG Export to DLG Export to Interchange File Export to SDTS Export to SDTS Export to SDTS Export to INFER Conversion Basic TIGER Conversion Generate Import from VPF gregation Append Import from VPF gregation Append Import from VPF Gregation Region to Polygon Coverage Interclave Region Region to Polygon Coverage Interliable Incoverage to Region Region to Polygon Coverage Interliable Region to Polygon Cover | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO Geography Network Raw XML Data Manipulation and Dat | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Polication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Spilit Erase Ideldentify Intersect Union Update Buffer Near Point Distance Point Node Thisesen Inversion Export to DLG Export to Interchange File Export to S57 Export to UFF Ungenerate Import from DLG Import from DLG Import from DLG Import from DLG Import from S57 Import from DLG Import from VFF gregation Append Import from VFF gregation Append Mmposite Features Line Coverage to Region Region to Polygon Coverage neralization Aggregate Polygons Simplify Line or Polygon Dola Lines to Centerline Dissobe Eliminate Find Conflicts Simplify Line or Polygon Dola Index Index Item Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs Join Information Tables Add X, Y Coordinates Rerumber Nodes Update IDs J | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Polication Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format Data Manipulation Data Manipulation and UNIX Departs on Both Windows and UNIX Departs on Both Windows and UNIX Departs on Both Windows and UNIX Departs on UNIX Departs on UNIX Departs on UNIX Departs on University Departs on University Departs on University Departs on UNIX Departs o | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulation Data Manipulation and Data Manipulation Data Manipulation and Data Manipulation Data Manipulation and Data Manipu | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDC FAQ FGDC Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulation and Direction Framework Full-Featured Management and Analysis Environment for ArcInfo Coverage Data Format ARC Macro Language (AML) Scripting Environment Operates on Both Windows and UNIX alysis Select Data Clip Select Data Clip Select Total Clip Select Data Clip Select | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FGDIC FAQ FGDIC Geography Network ISO ISO Geography Network ISO ISO Geography Network Raw XML Data Manipulation and Data Manipulati | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FEDIC FAQ FEGIC Geography Network SSO SSO Geography Network Raw XML Data Manipulation and SSO Geography Network Raw XML Raw XML Data Manipulation and SSO Geography Network Raw XML ARC Marco Language (AML) Scripting Environment for Arcinfo Coverage Data Format ARC Marco Language (AML) Scripting Environment Clip Select Data Clip Select Labelos Clip | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |
| FEDIC FAQ FEDIC Geography Network SSO SSO Geography Network SRAW XML Data Manipulation and Discourage Geoprocessing plication Framework Full-Featured Management and Analysis Environment for Arcinfo Coverage Data Format ARC Marco Language (AML) Scripting Environment Operates on Both Windows and UNIX alsysis Select Data Clip Select Select Spillt Frase Endedity Intersect Union Update Buffer Near Point Distance Point Distance Point to Mode Thiessen Intersect Union Superation Seport to DIG Export to STO Export to STO Export to To Interchange File Export to STO Export to To Tic Service Ungenerate Advanced TiGER Conversion Basic TiGER Conversion Basic TiGER Conversion Basic Tiger Conversion Generate Umport from UG Import from UG Import from SOTS Import from VPP gregation Append | , | x x x x | X X X X | X X X X X X X X X X X X X X X X X X X |

| Geoprocessing Environment | ArcRead | ArcView | ArcEdito | Arcinfo |
|---|---------|-------------|-------------|------------------|
| String Together Geoprocessing Tools Using a Visual Modeling Environment (ModelBuilder) | | Х | Х | Х |
| Contents Geoprocessing Tool View Index Geoprocessing Tool View | | X | X | X |
| Search Geoprocessing Tool View Favorite Tools Geoprocessing Tool View | | X | X | X |
| Create and Share New Geoprocessing Tools Using Models or Scripts Save Tools in a Geodatabase or on the File System | | X | X | X |
| Use Shortcuts to Geoprocessing Tools through a Command Line | | Х | Х | Х |
| Supported Scripting Environments JavaScript | | Х | Х | Х |
| VBScript Visual Basic | | X | X | X |
| VBA C++ | | X | X | X |
| Visual Studio .NET | | X | X | X |
| Perl | | X | X | X |
| Append | | Х | Х | Х |
| Copy Delete | | X | X | X |
| Merge Rename | | X | X | X |
| Select Data Table Management | | Х | Х | Х |
| Copy Rows | | Х | Х | Х |
| Create Table Delete Rows | | X | X | X |
| Flip Analyze | | Х | X | X |
| Change Privileges Get Count | | | X | X |
| Pivot Table Field Management | | | | Х |
| Add Field | | Х | Х | Х |
| Calculate Field Delete Field | | X | X | X |
| Assign Default to Field Feature Class Management | | Х | Х | Х |
| Append Annotation Feature Classes Create Feature Classes | | X | X | X |
| Update Annotation Feature Classes Calculate Default Cluster Tolerance | | X | X | Х |
| Calculate Default Spatial Grid Index | | Х | Х | X |
| Integrate Feature Management | | Х | Х | Х |
| Add X,Y Coordinates Check Geometry | | X X | X X | X |
| Copy Features Multipart to Single Part | | X | X | X |
| Repair Geometry Delete Features | | X | X | X |
| Feature Envelope to Polygon | | ۸ | ٨ | Х |
| Feature to Line Feature to Point | | | | X |
| Feature to Polygon Feature Vertices to Points | | | | X |
| Polygon to Line Split Line at Vertices | | | | X |
| Generalization Dissolve | | Х | X | X |
| Simplify Line | | ٨ | Х | Х |
| Smooth Line Eliminate | | | Х | X |
| Data Projection Define Projection (Single Input) | | Х | Х | Х |
| Batch Vector Project Create Spatial Reference | | X | X | X |
| Vector Project (Single Input) Conversion | | Х | Х | Х |
| Table to dBASE (Multiple) Feature Class to Feature Class | | X | X | X |
| Feature Class to Geodatabase (Multiple) | | Х | Х | Х |
| Import CAD Annotation to Geodatabase Import Coverage Annotation to Geodatabase | | X | X | X |
| Import from CAD to Geodatabase Raster to Geodatabase (Multiple) | | X X | X X | X |
| Table to Geodatabase (Multiple) Table to Table | | X | X X | X |
| Feature Class to Shapefile (Multiple) Add CAD Fields | | Х | Х | X |
| Create CAD XData Export to CAD | | | | X |
| Set CAD Alias | | | | Х |
| Feature Class to Coverage Layers and Table Views | | | | Х |
| Make Feature Layer Make Query Layer | | X | X | X |
| Make Raster Catalog Layer Make Raster Layer | | X X | X X | X |
| Make Table View Make X,Y Event Layer | | X | X | X |
| Save to Layer File | | Х | Х | Х |
| Select Layer by Attribute Select Layer by Location | | X | X | X |
| Core Analysis Clip | | Х | Х | Х |
| Intersect Union | | X X | X X | X |
| Buffer Multiple Ring Buffer | | X | X X | X |
| Select Table Select | | X | X | X |
| Summary Statistics | | X | X | X |
| Split Erase | | | | Х |
| Identity Symmetrical Difference | | | | X |
| Update Near | | | | X |
| Point Distance Frequency | | | | X |
| Spatial Statistics Analysis | | V | V | |
| Average Nearest Neighbor High/Low Clustering (Getis—Ord General G) | | X | X | X |
| Spatial Autocorrelation (Morans I) Cluster and Outlier Analysis (Anselin Local Morans I) | | X | X | X |
| Hot Spot Analysis (Getis-Ord Gi*) | | X | X | X |
| Central Feature Directional Distribution (Standard Deviational Ellipse) | | X | X | X |
| Linear Directional Mean Mean Center | | X | X | X |
| Standard Distance Calculate Areas | | X | X X | X |
| Collect Events Export Feature Attribute to ASCII | | X | X X | X |
| Cluster/Outlier Analysis with Rendering Hot Spot Analysis with Rendering | | X | X | X |
| Collect Events with Rendering | | Х | Х | Х |
| Count Rendering Z-Score Rendering | | X | X | X |
| Workspace Management Create Feature Dataset | | Х | Х | Х |
| Create Folder | | X | X | X |
| Create Personal Geodatabase | | X | Х | Х |
| Compact | | | X | X |
| | | | | |
| Compact Compress | | Х | Х | Х |
| Compact Compress Create ArcInfo Workspace Table Joins Add Join Remove Join | | X X | X X | |
| Compact Compress Create ArcInfo Workspace Table Joins Add Join Remove Join Data Indexing Add Attribute Index | | X | X | X |
| Compact Compress Create ArcInfo Workspace Table Joins Add Join Remove Join Data Indexing Add Attribute Index Add Spatial Index Remove Attribute Index | | X X X | X X X | X X X |
| Compact Compress Create ArcInfo Workspace Table Joins Add Join Remove Join Data Indexing Add Attribute Index Add Spatial Index | | X X X | X X X | X X X X |

| Deate and Maps United States Total States | | |
|--|-------------|-------------|
| Section | ArcEditor | Arcinfo |
| Tools between X X Control Development X Control Development X Control Development X X Control Development X X X X X X X X X | X | X |
| Control Section | X | X |
| Populated Places Seniors | X | X |
| 28 | X X | X |
| 200 Content | X | X |
| Cension Stock Conces Conce | X | X |
| Content Programmen Content C | X | X |
| 1990 Post | X | X |
| Contry Population Scienters Vision (1969) | X X X | X X X |
| Deside Stock Stock State Sta | X | X |
| | X X | X |
| Content Cont | X X | X X |
| Montrocinosis | X | X |
| Persis | X | X |
| TABLASCOT Institutions | X X | X |
| ANALOGO Long Arise Lundinavis X ANALOGO Part Lundinavis X ANALOGO Part Lundinavis X ANALOGO Part Lundinavis X ANALOGO Part Lundinavis X ANALOGO | X X | X |
| ANALOSO Transportation familiars | X X | X |
| Cultural Politis* Cemerater | X X | X |
| Cubural Points - Color Courses | X | X |
| Custor Fromes - Teople Courters X | X | X |
| Cultural Politics - Lincules X X Cultural Politics - Papulated Placens X X Cultural Politics - Spendared Placens X X X X X X X X X | X | X |
| Cultural Planies, Summiss National Transportation Allas Interestant Roads | X | X |
| National Atlas of the United States Cities | X | X |
| National Atlas of the United States Airports | X | X |
| National Atlas of the United States Federal and Indian Land Areas X National Atlas of the United States Federal Land Lines X National Atlas of the United States Water Feature Lines X National Atlas of the United States Water Feature Lines X National Atlas of the United States Public Land Survey X National Atlas of the United States Victoriores X State Plane Zones for NAD 1983 X SUSSS Tapopagnic 11-24,0000 Quadratingle Series Indexes X USSS Tapopagnic 11-25,0000 Quadratingle Series Indexes X USSS Tapopagnic 11-25,0000 Quadratingle Series Indexes X USSS Tapopagnic 11-25,0000 Quadratingle Series Indexes X USSS Tapopagnic 12-25,0000 Quadratingle Series Indexes X Countries (Generalized) X Countries 1992 X Countries 1992 X Administrative Units X Countries 1992 X Count | X | X |
| National Alas of the United Stotes Federal Land Lines X National Alas of the United Stotes Water Feature Areas X National Alas of the United Stotes Water Feature Lines X National Alas of the United Stotes Water Feature Lines X National Alas of the United Stotes Water Feature Lines X National Alas of the United Stotes Water Feature Lines X State Flame Zones for NAD 1927 X SUSST Spagnaght 1124,000 Quadrangle Series Indexes X WSCOST Committee Series Indexes X World X Countries Correctized X Countries Series 1992 X Adamicstative Units X Countries 1992 X Adamicstative Units X Countries 1992 | X X | X |
| National Adas of the United States Public Land Survey X National Adas of the United States Public Land Survey X National Adas of the United States Public Land Survey X National Alas of the United States Violones X State Plane Zones for NAD 1923 X State Plane Zones for NAD 1923 X USGS Topographic 1-10,0000 Quadrangle Series Indexes X USGS Topographic 1-120,0000 Quadrangle Series Indexes X USGS Topographic 1-120,0000 Quadrangle Series Indexes X Countries Committed X Countries 2005 X Countries 2005 X Countries Generalized X Countries Generalized X Countries (Generalized) X Country Watch Demographics (Table) X Country Watch Demographics (Table) X General Specifical (Marchage) X Lake X Quadrangle | X | X |
| National Arlas of the United States Historic Farthquakes | X | X |
| State Plane Zones for NAD 1937 State Plane Zones for NAD 1938 USGS Topgorpolic 112-0000 Quadenally Series Indexes | X | X |
| USGS Topographic 1240,000 Quadrangle Series Indexes X USGS Topographic 1250,000 Quadrangle Series Indexes X World X Countries (Generalized) X Countries 2005 X Countries 1992 X Administrative Units X Country Watch Demographics (Table) X Cities X Gazetteer X Driange Systems X Lakes X Kines X World Wildlife Fand Terestrial Ecoregions X World Wildlife Fand Marine Ecoregions X UTM Zones X Latitude and Longitude Grids X Named Latitudes and Longitudes X World Majo Background X Everope X Germany One-Digit 2IP Code Areas X Germany Five-Digit 2IP Code Areas X Germany Five-Digit 2IP Code Are | X | X |
| World | X | X |
| Countries (Generalized) X Countries 1902 X Administrative Units X Continents X Regions X Country Watch Denographics (Table) X Country Memberships of Political Organizations (Table) X Cities X Gazetteer X Drainage Systems X Lakes X Rorers X World Wildlife fund Tenestrial Ecoregions X World Wildlife Fund Marine Ecoregions X UTM Zones X Latitude and Longitude Grids X Named Latitude and Longitudes X World Wild Background X Evrope X Germany One-Digit 2IP Code Areas X Germany Tovo-Digit 2IP Code Areas X Germany Tovo-Digit 2IP Code Areas X Countries X Level 2 Provinces X Level 2 Provinces X Level 2 Provinces X Level 2 Provinces <td< td=""><td>X</td><td>X</td></td<> | X | X |
| Administrative Units | X | Х |
| Continents | X | X |
| Country Watch Demographics (Table) X Country Memberships of Political Organizations (Table) X Cities X Gazetteer X Drainage Systems X Lakes X Rivers X World Wildlife Fund Terrestrial Ecoregions X World Wildlife Fund Marine Ecoregions X UTM Zones X Latitude and Longitude Grids X Latitude and Longitude Grids X Named Latitudes and Longitudes X Germany One-Digit ZIP Code Areas X Germany One-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Countries X Level 3 Provinces X Level 2 Provinces X Cities X Country Demographics X Cities | X | X |
| Cities X Gazetteer X Drainage Systems X Lakes X Rivers X World Wildlife Fund Interestrial Ecoregions X UTIM Zones X Time Zones X Latitude and Longitude Grids X Named Latitudes and Longitudes X World Map Background X Europe X Germany One-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Countries X Level 1 Provinces X Level 2 Provinces X Level 3 Provinces X Railroads X Railroads X | X | X |
| Drainage Systems | X | X |
| Rivers | X | X |
| World Wildlife Fund Marine Ecoregions X UTIM Zones X Time Zones X Latitude and Longitude Grids X Named Latitudes and Longitudes X World Map Background X Europe X Germany Tow-Digit ZIP Code Areas X Germany Two-Digit ZIP Code Areas X Countries X Level 1 Provinces X Level 2 Provinces X Level 3 Provinces X Level 3 Provinces X Urbanized Areas X Places X Urbanized Areas X Major Roads X Railroads X Crities X Regional Demographics <td< td=""><td>X</td><td>X</td></td<> | X | X |
| Time Zones Latitude and Longitude Grids Named Latitudes and Longitudes X World Map Background Europe Germany One-Digit ZIP Code Areas Germany Five-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Level 1 Provinces X Level 2 Provinces X Level 2 Provinces X Level 3 Provinces X Cities Places Urbanized Areas X Railroads X Railroad Stations X Railroad Stations X Water Bodies Ferries Y Provinces/State Demographics Canada Provinces X Major Cities X Major Cities X Regional Demographics X Regional Municipalities X Regional Municipalities X Regional Municipalities X Resilvays FSA Postal Centroids X X Roads X Ribinads X Railways S S S S Roads X Regional Parks X X Resides X Resides X Regional Municipalities X Roads X Roads X Roads X Roads X Water Bodies X X Water Bodies X X Noth America Shaded Relief North America Shaded Relief | X | X |
| Named Latitudes and Longitudes World Map Background Z Europe Germany One-Digit ZIP Code Areas Germany Two-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Countries Level 1 Provinces Level 2 Provinces X Cities X Cities X Cubanized Areas X Cubanized Areas X Railroads Railroads Railroads Railroad Stations X Railroad Stations X Country Demographics X Country Demographics X Regional Demographics X Regional Demographics X Regional Municipalities X Regional Municipalities X Rejonal Municipalities X Rejonal Centroids X Railroads X Railroads X Regional Centroids X Regional Demographics X Regional Demographics X Regional Demographics X Regional Centroids X Regional Municipalities X Regional Municipalities X Regional Municipalities X Regional Centroids X Regional Parks X Re | X | X |
| Europe X Germany One-Digit ZIP Code Areas X Germany Two-Digit ZIP Code Areas X Countries X Level 1 Provinces X Level 2 Provinces X Level 3 Provinces X Cities X Places X Urbanized Areas X Major Roads X Roads X Railroads X Railroads X Railroad Stations X Railroad Stations X Water Bodies X Ferries X Province/State Demographics X Country Demographics X Regional Demographics X Regional Demographics X Major Cities X Middle Cities X Middle Cities X Middle Cities X Indian Reserves X Highways X FSA Postal Centroids X | X X | X X |
| Germany Two-Digit ZIP Code Areas X Germany Five-Digit ZIP Code Areas X Countries X Level 1 Provinces X Level 2 Provinces X Cities X Places X Urbanized Areas X Major Roads X Railroads X Railroad Stations X Major Water X Water Bodies X Ferries X Province/State Demographics X Country Demographics X Regional Demographics X Regional Demographics X Canada X Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks | | |
| Countries X Level 1 Provinces X Level 2 Provinces X Cities X Places X Urbanized Areas X Major Roads X Railroads X Railroads X Railroad Stations X Major Water X Water Bodies X Ferries X Province/State Demographics X Country Demographics X Regional Demographics X Canada X Provinces X Major Cities X Middle Cities X Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Victies X Mexico X States <td< td=""><td>X</td><td>X</td></td<> | X | X |
| Level 2 Provinces X Cities X Places X Urbanized Areas X Major Roads X Roads X Railroads X Railroad Stations X Major Water X Water Bodies X Ferries X Province/State Demographics X Country Demographics X Regional Demographics X Canada X Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X <td>X</td> <td>X</td> | X | X |
| Cities X Places X Urbanized Areas X Major Roads X Roads X Railroads X Railroad Stations X Major Water X Water Bodies X Ferries X Province/State Demographics X Country Demographics X Regional Demographics X Canada X Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Water Bodies X Mexico X States X Cities X Municipalities <t< td=""><td>X</td><td>X</td></t<> | X | X |
| Urbanized Areas X Major Roads X Roads X Railroads X Railroad Stations X Major Water X Water Bodies X Province/State Demographics X Regional Demographics X Regional Demographics X Canada Provinces X Major Cities X Municipalities X Regional Municipalities X Redional Municipalities X Redional Reserves X Highways X Railways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Water Bodies X Mexico States X Cities X Municipalities X Roads X Railroads X X Roads X X X X X X X X X X X X X X X X X X X | X | X |
| Roads X Railroads X Railroad Stations X Major Water X Water Bodies X Ferries X Province/State Demographics X Regional Demographics X Canada Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Water Bodies X Mexico States X Cities X Municipalities X Regional Municipalities X Railways X Railways X Railways X Railways X Roads X Roads X Roads X Roads X Roads X Railroads X Roads X Railroads X Rivers and Streams X Roads X Rivers and Streams X Roads R Roads R Rivers and Streams X R R Roads R R R R ROAD R R R R R R R R R R R R R R R R R R R | X X | X |
| Railroad Stations Major Water Water Bodies Ferries Province/State Demographics Country Demographics Regional Demographics X Canada Provinces Major Cities Middle Cities Municipalities X Regional Municipalities X Regional Municipalities X Municipalities X Regional Municipalities X Regional Municipalities X Indian Reserves X Highways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X X Mexico States X Cities X Municipalities X Water Bodies X Mexico States X Cities X Municipalities X Water Bodies X X Mexico States X Cities X Municipalities X X Mexico States X Cities X Municipalities X X Mexico States X Cities X Municipalities X X X Mexico States X Cities X Municipalities X X X Mexico States X X Cities X Municipalities X X Municipalities X X X Mexico States X X Municipalities X X Morth Areas X X Railroads X X X North Areas X X North America Digital Elevation Models X North America Shaded Relief X X | X | X |
| Water Bodies X Ferries X Province/State Demographics X Country Demographics X Regional Demographics X Canada Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Water Bodies X Mexico States X Cities X Municipalities X Regional Municipalities X Ridlead States X Roads X Ridlead States X Cities X Municipalities X Regional Municipalities X Roads X Railways X Railways X Roads X Railroads X Railroads X Railroads X Railroads X Rivers and Streams X Riwase Data North America Digital Elevation Models X North America Shaded Relief X | X | X |
| Province/State Demographics X Country Demographics X Regional Demographics X Canada Provinces X Major Cities X Middle Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Water Bodies X Mexico States X Cities X Municipalities X K Roads X Railroads X Contours X Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X Ix Regional Municipalities X X X X X X X X X X X X X | X | X |
| Regional Demographics Canada Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities Indian Reserves X Highways X Railways FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X Contours X Railroads X Railroads X Railroads X Rivers and Streams X Image Data North America Digital Elevation Models X X X X X X X X X X X X X | X | X |
| Provinces X Major Cities X Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X Urban Areas X Roads X Railroads X Railroads X Rivers and Streams X Image Data North America Digital Elevation Models X Ix National Cities X Ix Manage Data North America Shaded Relief X Ix National Reserves X Ix | X | X |
| Middle Cities X Municipalities X Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X Urban Areas X Roads X Railroads X Railroads X K Rivers and Streams X Image Data North America Digital Elevation Models X National Municipalities X K Municipalities X K Mater Bodies X K K K K K K K K K K K K K | Х | Х |
| Regional Municipalities X Indian Reserves X Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X Urban Areas X Roads X Railroads X Railroads X Rivers and Streams X Image Data North America Digital Elevation Models X Nexica X Indian Reserves X Indian Res | X | X |
| Highways X Railways X FSA Postal Centroids X Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X Urban Areas X Roads X Railroads X Railroads X Contours X Water Bodies X Image Data North America Digital Elevation Models X North America Shaded Relief X X | X X | X |
| FSA Postal Centroids Telephone Area Code Boundaries X National Parks X Provincial Parks X Water Bodies X Mexico States Cities X Municipalities X Urban Areas X Roads Railroads X Contours X Water Bodies X Contours X Water Bodies X X X X X X X X X X X X X | X | X |
| National Parks Provincial Parks X Water Bodies X Mexico States X Cities X Municipalities X Urban Areas Roads X Roids X Water Bodies X Image Data North America Digital Elevation Models X North America Shaded Relief X X X X X X X X X X X X X | X X | X |
| Water Bodies X Mexico States X Cities X Municipalities X Urban Areas X Roads X Railroads X Contours X Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X North America Shaded Relief X | X X | X |
| States X Cities X Municipalities X Urban Areas X Roads X Railroads X Contours X Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X North America Shaded Relief X | X X | X |
| Municipalities X Urban Areas X Roads X Railroads X Contours X Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X North America Shaded Relief X | Х | Х |
| Roads X Railroads X Contours X Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X North America Shaded Relief X | X X | X |
| Railroads X Contours X Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X North America Shaded Relief X | X | X |
| Water Bodies X Rivers and Streams X Image Data North America Digital Elevation Models X North America Shaded Relief X | X | X |
| Image Data North America Digital Elevation Models X North America Shaded Relief X | X | X |
| North America Shaded Relief X | X | X |
| World Shaded Relief X | Х | Х |
| World Topography and Bathymetry X | X | X |
| WorldSat Color-Shaded Relief Image X World Cloud Free X World x Night | X | X |
| World at Night X World with Clouds X | X | X |
| World with Ice X Global Digital Elevation Model (ETOPO2) X Global Digital Elevation Model (GTOPO30) X | X X | X X |





For more than 35 years, ESRI has been helping people manage and analyze geographic information. ESRI offers a framework for implementing GIS technology in any organization with a seamless link from personal GIS on the desktop to enterprise-wide GIS client/server and data management systems. ESRI GIS solutions are flexible and can be customized to meet the needs of our users. ESRI is a full-service GIS company, ready to help you begin, grow, and build success with GIS.

Corporate

FSRI

380 New York Street Redlands, California 92373-8100, USA Telephone: 909-793-2853 Fax: 909-793-5953

For more information

on ESRI, call 1-800-447-9778

(1-800-GIS-XPRT)

or contact an ESRI value-added reseller near you.

Send e-mail inquiries to

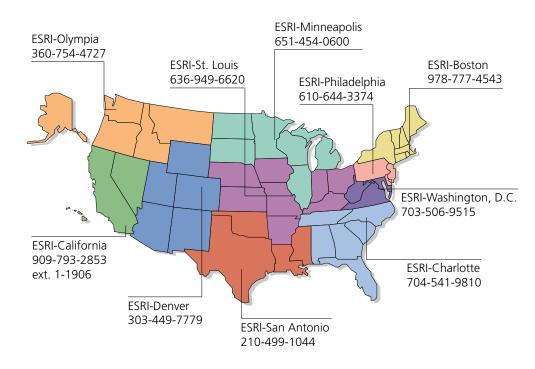
info@esri.com

Visit ESRI's Web site at www.esri.com

Outside the United States, contact your local ESRI distributor. For the number of your distributor, call ESRI at 909-793-2853, ext. 1-1235, or visit our Web site at

www.esri.com/distributors

Regional Offices



International Offices

| Australia |
|--------------------------|
| www.esriaustralia.com.au |
| Belgium/Luxembourg |
| www.esribelux.com |
| Bulgaria |
| www.esribulgaria.com |
| Canada |
| www.esricanada.com |
| China (Beijing) |
| www.esrichina-bj.cn |
| China (Hong Kong) |
| www.esrichina-hk.com |
| |
| |

| Finland www.esri-finland.com |
|--|
| France www.esrifrance.fr |
| Germany/Switzerland www.esri-germany.de www.esri-suisse.ch |
| Hungary www.esrihu.hu |
| India www.esriindia.com |
| Indonesia/Malaysia 62-21-527-1023 603-7874-9930 |

| www.esriitalia.it | www.esriro.ro |
|----------------------------------|-------------------------------|
| Japan | Singapore |
| www.esrij.com | www.esrisa.com |
| Korea | Spain |
| www.esrikr.co.kr | www.esri-es.com |
| Netherlands | Sweden |
| www.esrinl.com | www.esri-sweden.co |
| Poland | Thailand |
| vww.esripolska.com.pl | www.esrith.com |
| Portugal www.esri-portugal.pt | United Kingdom www.esriuk.com |
| | Venezuela www.esriven.com |

Italy

Romania www.esriro.ro Singapore www.esrisa.com Spain www.esri-es.com Sweden ww.esri-sweden.com Thailand www.esrith.com United Kingdom www.esriuk.com

Copyright © 2006 ESRI. All rights reserved. ESRI, GIS by ESRI, ArcView, ArcIMS, the ESRI globe logo, ArcInfo, ArcEditor, ArcGIE, ArcGIE, @esri. com, www.esri.com, and Geography Network are trademarks, registered trademarks, or service marks of ESRI in the United States, the European Community, or certain other jurisdictions. Other companies and products mentioned herein are trademarks or registered trademarks of their respective trademark owners.

