ArcGIS®

10

ArcGIS for Desktop
Functionality Matrix

ArcGIS® 10 for Desktop Functionality Matrix

ArcGIS for Desktop allows you to analyze your data and author geographic knowledge to examine relationships, test predictions; and, ultimately, make better decisions. It is available in three license levels—Basic, Standard, and Advanced (formerly ArcView, ArcEditor, and ArcInfo, respectively). These license levels have the same integrated applications, user interfaces, and development environment. Each successive level—Basic to Standard to Advanced—provides additional GIS functionality.

Mapping

Map Interaction
- Map Navigation
- Queries
- Tables
- Graphs
- Graph Types
- Routing Using ArcGIS Online or Network Datasets (StreetMap™ USA)

Map Display
- General Mapping
- Vector Data Display
- Tabular Data
- Thematic Vector Data Classifications
- Single Symbol
- Symbology
- Elevation Surface Display
- Raster Data Display
- Raster Display: Gradual Color Ramp Data-Stretching Algorithms

Map Display (continued)
- Raster Display Resample Methods
- Raster Display Classification Methods
- Raster Catalog Footprint Display
- Raster Tools
- Time Animation and Temporal Data

Page Layout and Printing
- Map Elements
- Export Formats
- Print with the Following Print Drivers

Publishing and Sharing Maps
- Creating High-Performance Dynamic Maps
- Sharing Maps, Layers, and Data

Map Text
- Labels
- Annotation
- Annotation Editing
- Annotation and Dimensions Management

Advanced Labeling
- Advanced Label Placement Rule Set

Advanced Cartography
- Cartographic Editing Tools

Advanced Cartography (continued)
- Polygon Geometric Effects
- Interactive Symbol Editing
- Direct Editing of Vector Data
- Coordinate Systems
- Generalization
- Geoprocessing Graphic Quality
- Geoprocessing Masking Tools
- Geoprocessing Representation Management
- Geoprocessing Symbolization Refinement

Address Matching
- Geocoding Tools

Document and Data Support
- Map and Symbology Files
- Direct Read of Vector and Raster Data
- Direct Read of Other Data
- CAD Support
- CAD File Support
- Direct Read of CAD Data
- Editing with CAD Data

Application Framework
- Application Customization
- ArcGIS Online Locators
- Customization

Data Automation
- Data Editing
- General Editing
- Snapping Types
- Snapping to Topology Elements
- Snapping Tolerance
- Geometry Creation Options

Data Support and Interoperability
Raster Data Support
- Direct Read of Raster Data
- Direct Read and Write of Raster Data
- Point Geometric Effects
- Line Geometric Effects
- Geodatabase Raster Management

Data Editing
- Attribute Editing
- Map Navigation While Editing
- Vector Data Transformations
- Coordinate Systems

Raster Editing and Vectorization
- Raster Snapping Geometry
- Raster Snapping Environment
- Vectorization Tracing
- Automatic Vectorization
- Vectorization Parameters
- Vectorization Preview
- Raster Cell Selection
- Raster Cleanup Environment
- Raster Cleanup Painting Tools
- Support Tools

Mobile
- GPS Support
- Tablet PC
- ArcGIS Mobile Support

Topology
- Map Display
- Editing

Multiuser Geodatabase Editing
- General Editing

Multiuser Geodatabase Editing
Multiuser Geodatabase Archiving
- Display and Query
- Manage

Distributed Geodatabases
- Manage Replicas
- Disconnected Editing Geoprocessing
- Distributed Geodatabases Geoprocessing

Spatial Referencing Image Data (Georeferencing)
- Tools
- Transformation Methods
- Save Spatial Reference Information

Data Management and Validation
Data Management
- General
- Search for GIS Data By
- Manage Coverage Data
- Geodatabase Administration
- Geodatabase XML File Import/Export

Attribute Validation
- Subtypes Geoprocessing
- Domains Geoprocessing
- Create and Edit Relationships for Features

Metadata
- General
- Managing Metadata Using a Variety of Styles
- Geoprocessing

Data Manipulation and Analysis
Coverage Geoprocessing
- Application Framework
- Analysis

Topology (continued)
- Geodatabase Topology Management
- Geodatabase Topology Rules
- Generalization
- Table Management
- Projections
- Topology
- General
- Geoprocessing
- Networks
- Utility (Geometric) Network Analysis
- Geometric Network Connectivity Rules
- Data Management
- Data Comparison
- Linear Referencing (Routes)
- Display
- Editing
- Field Management
- Core Analysis

Coverage Geoprocessing (continued)
- Aggregation
- Composite Features
- Generalization
- Table Management
- Projections
- General
- Raster Mosaics
- Raster Conversion
- Raster Transformation/Projection
- Conversion
- General Data Management
- Packaging
- Parcel Fabric Tools
- Core Analysis
- Feature Class Management
- Feature Management
- Spatial Statistics Tools

Geoprocessing
- Environment
- Supported Scripting Environments

Geoprocessing (continued)
- Aggregation
- ArcGIS Server Management
- Raster Mosaics
- Projections
- Conversion
- Table Joins
- Data Indexing

Data
ArcGIS Online Services
- Basemap Services

Data and Maps for ArcGIS
- World
- Europe
- Mexico
- United States

StreetMap North America

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Esri inspires and enables people to positively impact their future through a deeper, geographic understanding of the changing world around them.

Governments, industry leaders, academics, and nongovernmental organizations trust us to connect them with the analytic knowledge they need to make the critical decisions that shape the planet. For more than 40 years, Esri has cultivated collaborative relationships with partners who share our commitment to solving earth's most pressing challenges with geographic expertise and rational resolve. Today, we believe that geography is at the heart of a more resilient and sustainable future. Creating responsible products and solutions drives our passion for improving quality of life everywhere.

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