New Features

Map Types

- Contour map type added to **Map | Thematic Maps**
- Vector map type added to **Map | Thematic Maps**
- Non-Contiguous Cartogram added to Cartogram map type

Changes to Existing Thematic Map Types

- Several maps offer new options for displaying negative data values
- Several maps allow mapping the minimum size to a value of zero rather than to the data minimum
- The gradient map now provides precise control of mapping colors to data values
- Grids and triangles can be saved from a gradient map
- New options on a pie map allow creation of a "mushroom" map
- Objects can be assigned to territories in a Territory Map based on a linked data value
- Territory assignments can be saved to the linked data file
- Geographical summaries are now available in a Territory Map

Pin Map Changes

- Pin maps can be made from city and state names
- A condition can be specified to filter data points
- Projection info can now be specified for non-Lat/Long coordinates

Import Enhancements

- Multi-layer imports can optionally either preserve or collapse layers
- PIDs can be auto-generated if they don't exist
- Z level info can be imported from DXF files
- An associated attribute table can be loaded to a linked worksheet

Export Enhancements

- Export to DAT format
- Export only current view
- Choice of units when exporting projected map objects
- Control is provided over what attributes and linked data are exported

Layer Management

- The Layer Manager has been redesigned to make it easier to use and to show additional information
- Layer destination lists now include a '[New Layer]' choice

Insets

- An inset allows displaying one or more layers in a region of the page
- An Inset Manager was added to control insets

Boundary Creation Changes

- Weighted Mean Center calculation added

- Spline objects remain as splines and can be edited as such
- Spline objects now have a tension control

User Interface Conveniences

- The Move/Resize tool icon can be double-clicked to invoke it in a multiple-use mode
- All file, open, save, import, and export dialogs can be resized
- Legends, scale bars, and text objects can be double-clicked to open their associated dialog box
- Double-clicking in the map window will open the map properties dialog
- The **View | Reset Docking Windows** command resets manager windows and toolbars to their default size and location

Analysis Enhancements

- The Auto Buffer Zone command will accept a negative buffer distance to buffer inside of an area object
- A "region" can be created from the current selection
- The Shortest Path command now has an option to return the path to the starting point

Object Attribute Changes

- Attribute 1, Attribute 2 and Hyperlink attributes can now be assigned to additional object types
- The Redefine Attributes command can now copy data values from a linked worksheet to the attribute fields
- The Multi-Assign Attributes command can auto-generate incrementing IDs

Miscellaneous

- The **File | Reload Data** command will reload the data file that is linked to the active layer
- Print Preview for tiled printing
- Street intersections are now supported by the geocoding function
- New worksheet **Data | Text to Number** and **Data | Number to Text** commands

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