



What's New in Maptitude 2026

Maptitude 2026: New Features Overview

Maptitude 2026 is a major release of Caliper Corporation's popular Geographic Information System (GIS) and mapping software. The 2026 version provides the most up-to-date and accurate data available.

Maptitude 2026 provides the business value you expect when investing in mapping software. Maptitude includes the latest streets, postal data, and demographics. Maptitude 2026 is the fastest and most intuitive professional mapping application, with significant enhancements to sales territory management, sharing, visualizations, and logistics/operations analytics.

Key New Features of Maptitude 2026

1. Keeps You Current

Includes the latest postal, map, and October 2025 HERE® street data, 2024 ACS demographics, and new **5-year projections through 2054** down to the Block Group and ZIP Code layers that support exploring future population from the national to the local level.

2. Faster Territory Management

Speeds up territory creation/management/linked record updates, reorders territories to prioritize the chosen territory, and supports right-click **bulk reassignment** of areas between territories.

3. More Customized Routing

Adds **four new PDF direction reports** including landscape and turn-by-turn options, a direction-of-travel route style, the ability to **avoid specific streets or street types (e.g., ferries)**, and U-turn prevention in delivery routing.

4. Faster Map Drawing and Navigation

Supports **near instant panning and zooming**, shows all layers faster by drawing them at the same time, and adds new map navigation keyboard shortcuts.

5. Refreshed Interface

Provides an attractive and modern interface update that will still be familiar to existing users, with a **Simplified Ribbon**-style toolstrip, and **updated buttons and icons** that reflect Microsoft Fluent Design and Segoe Fluent Icons glyphs.

6. Updated Documentation

Updates all help resources for Maptitude 2026 including the 24/7 AI chat assistant, Learning Portal, **new browser-based Help**, context-sensitive help, API/GISDK Help, videos and webinars, the training materials, and step-by-step tutorials.

7. Cutting Edge Features for Online Sharing and Software-as-a-Service (SaaS)

Adds an **AI-driven "Get Data" wizard** that generates maps and demographic data simply from a free-form search query. Adds a **routing and directions** tool with multiple stops for scheduling field sales rep visits, delivery route planning, and optimized routes. Adds a unique clustered pie or bar chart map theme, lasso and shape-based territory selection, powerful database filtering in addition to selection sets, cumulative drive-time rings, tables and maps viewable at the same time, and support for **Google Sheets and Salesforce Objects**.

Maptitude can map your information whether you have data from Google Maps, from a Microsoft mapping product such as MapPoint, or from Microsoft Office. You can analyze your information using the intuitive Maptitude 2026 mapping wizards and export your results as attractive, preformatted Excel or PDF reports, or **upload them to Maptitude Online for public or private sharing**.

Maptitude delivers easy-to-use professional mapping tools and data at the unbeatable price of only US\$795 (for desktop or Maptitude Online.) For [pricing and ordering](#) information, please visit the [Mapping Software Store](#), [e-mail Maptitude Sales](#), or call US sales at [+1 617-527-4700](#).

New Data

Maptitude 2026 comes standard with one detailed Country Package of your choice, and additional Country Packages can be purchased separately. Each Country Package includes a wealth of data unavailable in any other product, such as an up-to-date street layer with addresses for pin-mapping (geocoding) and travel time information for computing routes and drive-time rings. Features such as building footprints for many urban locations, railways, and named landmarks are also built into the software. The comprehensive landmarks range from public facilities to commercial buildings including businesses, restaurants, and retail stores, and include addresses and phone numbers where available. Where available, postal data and detailed demographics are shipped with the product.

As you switch between the countries you have purchased, Maptitude will seamlessly refresh the interface with country-specific tools such as Create-A-Map Wizard and tools for finding, pin-mapping, and routing. New Map Libraries allow you to easily create attractive geographic and demographic maps while locating unlimited numbers of addresses and territory-based records.

The basic global map that is provided with every Maptitude license enables you to view your data for anywhere on Earth, and it allows you to map your locations by coordinate, manually, or by any populated place (village/town/city).

United States

New U.S. datasets provide access to the most up-to-date geographic information available. Maptitude 2026 comes with October 2025 HERE® Map Content, which allows for accurate address locating and street visualization, in addition to robust data that you can use to calculate directions, drive-time rings, and drive-time territories. Speeds based on HERE Traffic Patterns are included.

Other 2025 U.S. map layers from HERE include those for buildings, highways, railroads, and landmarks. The Points of Interest layer contains over 3.8 million named public and business locations.

Maptitude 2026 ships with the January 2026 ZIP Code update to ensure that you are using the latest data. The 5-digit ZIP Code boundaries are a nationwide area database with ZIP Codes for all 50 states, the District of Columbia, Puerto Rico, and the territories.

Other standard features of Maptitude 2026 are updated 3-digit ZIP Code areas and a point database of ZIP Code points for the entire country. The ZIP Code area layers extend into non-deliverable areas to provide complete coverage of the USA. The 5-digit ZIP Code areas include updated counts of businesses by detailed industry type (retail, finance, etc.), along with the number of employees working in each ZIP Code, and annual payroll figures. The ZIP Codes are also classified by their updated rural-urban commuting characteristics and with the numbers of hospitals, hospital beds, and healthcare providers. The HERE street layer indicates whether a street permits cars, buses, deliveries, emergency vehicles, motorcycles, pedestrians, taxis, through traffic, or trucks. Additionally, it provides estimated performance metrics, such as speed (in MPH) and travel time (in minutes) for both forward and reverse directions, recorded during typical time periods on Wednesdays: noon (12:00–12:14 pm), early morning (8:00–8:14 am), evening (5:00–5:14 pm), and midnight (12:00–12:14 am).

The US Census boundaries (e.g., Block Groups, Tracts, Places, Counties, MCDs, MSAs, States) and the 3- and 5-digit ZIP code areas that come with Maptitude contain some or all of several [demographic profiles](#) from a variety of data providers. These sources include the 2020 Census and the 2024 American Community Survey (ACS) to name a few. This data is available for the USA, Puerto Rico, and the Territories. These layers include daytime population, and percentage change (2023 to 2024) in population, median income, and mean income. The ZIP Code, Tract, County, and State layers also include updated buying power (disposable income for 2022) figures.

Personal income and change in personal income BEA data for 2024 are included for States and Counties, and 2024 GDP (by total, goods, services, government, and by 2-digit NAICS code) and change in GDP BEA data for 2024 are included for Counties. Population projections for ZIP Codes, Block Groups, Counties, States, and Tracts are included by 5-year increment for 2029-2054.

The **Demographic Map Librarian** tool makes it easy to access a series of pre-defined thematic and shaded maps of the updated data. There are also maps for the 2024 Tract layer with updated banking compliance FFIEC data for 2025.

United States Data Packages

- 120th Congressional boundaries updated with the 2026 election delineations
- State Legislature boundaries updated for Michigan Senate, Mississippi House/Senate
- School District boundaries refreshed with 2025 Census boundaries and Department of Education demographics

The Country Package updates under development are listed below:

Australia

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated HERE postal boundaries and centroids
- Updated points of interest and business locations with logos (HERE)
- Maptitude 2026 now supports the Australian Albers equal-area projection based on the GDA2020 datum.
- 2025 Estimated Population and 2024 Estimated Population by Age & Sex (LGAs, SA2s, States)
- LGAs, Localities, Wards, Commonwealth Electoral Divisions, State Assemblies, State Legislative Councils updated to 2025 boundaries

Brazil

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated HERE postal boundaries and centroids
- Census boundaries updated to 2022 vintage
- 2022 Census demographics

Canada

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated 3-character postal Forward Sortation Area (FSA) boundaries and centroids (HERE)
- Updated 6-character postal point layer (HERE)
- Updated 6-character postal area layer (Caliper Created/Derived from HERE)
- Updated points of interest and business locations with logos (HERE)
- Federal Election Districts refreshed to 2023 ridings
- July 2025 population estimates for Provinces/CD/CSD
- Dissemination Areas, Aggregated Dissemination Areas, Census Subdivisions, Census Consolidated Subdivisions, Census Divisions, Provinces, Census FSAs simplified for better territory performance

United Kingdom and Ireland

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated postal boundaries for the UK and Ireland (HERE)
- Updated postal boundaries and postcode points for GB (Caliper)
- Updated points of interest and business locations with logos (HERE)
- Westminster Constituencies updated to 2023 boundaries
- Irish Dáil Constituencies updated to 2023 boundaries

Mexico

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated HERE postal boundaries and centroids

New Zealand

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated HERE postal boundaries and centroids
- Census boundaries updated to 2023 vintage
- Locality layer update to April 2026 vintage
- 2023 Census demographics

Europe (Scheduled for late 2026)

- October 2025 HERE update with speeds based on noontime HERE Traffic Patterns
- Updated HERE postal boundaries and centroids
- Updated points of interest and business locations with logos (HERE)

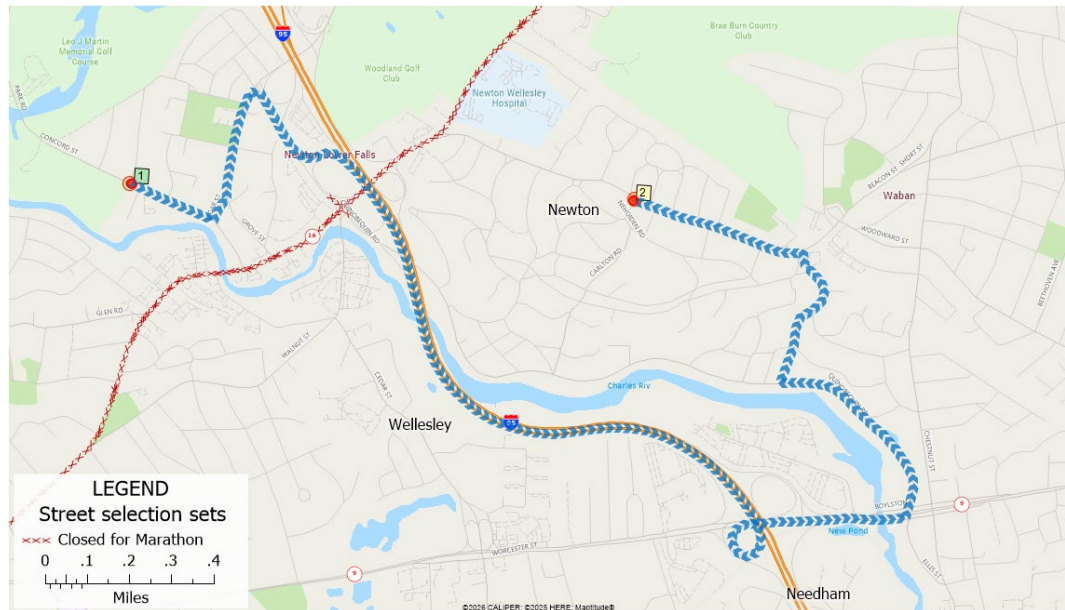
Network Analysis, Directions, and Routing

Maptitude 2026 gives you powerful tools to model routes, to calculate the distances and travel times between locations, and to display and analyze service provision over the road network.

Routing & Directions Manager

The **Tools>Routing & Directions>Routing & Directions Manager** now:

- Supports four new PDF reports in addition to **Export Directions to PDF (Portrait)**:
 - **Export Directions to PDF (Landscape)**
 - **Export Turn-by-Turn Directions to PDF (Portrait)**
 - **Export Turn-by-Turn Directions to PDF (Landscape)**
 - **Export Text Only Directions to PDF (Portrait)**
- Supports a new default route style that indicates the direction of travel, and the ability to change the route style under **Options>General>Routing Options**.
- Supports sorting your saved routes by name, under **Create or Open a Route>Display in alphabetical order**.
- Supports clearing your last typed address via the **Clear** button.
- Supports moving of a stop/waypoint, even if the route/directions have not been created.
- Supports avoiding selected streets, under **Options>Exclude**, such as ferries or roads where trucks are not allowed.
- Supports avoiding streets by type, under **Options>Driving Speeds**, by setting the **Target Speeds** to zero for **Major Highways**, for example.



Drive-Time Rings

The **Tools>Routing & Directions>Drive-Time Rings Toolbar** now:

- Supports avoiding selected streets, under **Options>Exclude**, such as ferries or roads where trucks are not allowed.
- Has a named button with “Create” text prompt for creating drive-time rings.
- Has no limit under **Edit>Preferences>Routing>Drive-Time Rings>Maximum Distance**.



Routing Deliveries and Pickups

The **Tools>Routing & Directions>Routing Deliveries & Pickups** tool now:

- Supports avoiding selected streets, under **Edit Schedules>Exclude Links**, such as ferries or roads where trucks are not allowed.
- Allow choosing the final stop, under **Edit Depots>Depots>Offload Locations Using**.
- Supports preventing U-turns, under **Edit Options>Prohibit U-Turns**.

New Database Functionality

New capabilities for geographic databases have been introduced.

- Allows you to change the source file location for linked records under **Map>Linked Records Settings** by clicking the ellipsis “...” button.
- Provides a line smoothing tool, for line layer features, via **Tools>Editing>Layer Editing Toolbar** for faster and more accurate geographic editing.
- Provides an archive database tool, for line layers, via **Tools>Editing>Layer Editing Toolbar** to create a backup while you make edits.

Improved Create-a-Map Wizard & Maps

Create-a-Map Wizard is now more robust and easier to use:

- Provides updated maps with the latest geography.
- Pre-loads surrounding web map layer tiles, so that panning is nearly instant.
- Zooming with the mouse scroll wheel immediately scales the current view to stay responsive while a full re-render completes in the background.
- Any new pan or zoom with the mouse scroll wheel automatically cancels and restarts the re-render, so the map never freezes.
- All downloading and rendering of web map layers happens in the background without interrupting your work.
- Vector layers are rendered simultaneously, so full map redraws complete as quickly as possible.
- Provides keyboard, accessibility, shortcuts for map navigation and font scaling (Ctrl for map zooms, or Ctrl+Shift for font size, combined with +/-/?/0 for larger/smaller/manual/reset actions), with panning in the horizontal, vertical, and diagonal, via the arrow, PgUp, PgDn, Home, and End keys, multiplied as follows: Arrow = 1/2 scope, Ctrl+Arrow = 1/4 scope, Shift+Arrow = full scope.
- Allows you to create your own custom color palette that is available when you next reopen Maptitude, via **Map>Layers>Style>Color>Custom**.
- Removes default hover labels to reduce unnecessary pop-ups when interacting with a map.
- Supports **Cancel**, **Select All**, and **Clear All**, for hover labels, via **Map>Labels>Hover Settings** for faster map customization.

Creating Selections and Formulas

Condition building tools improvements:

- The **Selection>Select by Related Values** tool now supports all mappable (i.e., joined columns) fields.
- The new **Tools>Editing>Select Zero-Length Line Segments** tool scans a line layer to remove lines that contain less than two unique shape points, helping clean up externally sourced data.

Analysis Tools

Completely new and innovative analytics have been added to Maptitude 2026:

- The **Clustering Add-In** now uses cluster IDs to label the cluster centroids and to create the color theme on the clustered points, making it easy to distinguish between clusters.
- Provides three new chart types for visualizing dataview column data on a logarithmic scale, accessed by right clicking a dataview column header and choosing **Log Histogram Chart**. This is especially useful for skewed data with wide value ranges (e.g., population, income):
 - Bar Log Histogram Chart
 - Area Log Histogram Chart
 - Spline Area Log Histogram Chart

Locating Data

The geocoding tools use the updated street and postal data, making location matching results more accurate than in previous versions of Maptitude.

Territory Tools

Insightful and beneficial sales territory management features have been added to Maptitude 2026:

The **Map>New Territory Layer Wizard** and the **Map>Territory Manager Toolbar** now:

- Supports faster territory creation for layers with a large number (several thousands) of attributes/demographics.
- Supports much faster territory creation and management via simplified boundary layers for the Canada Country Package.
- Supports much faster updating of linked territory records via SQLite.
- Lists linked territory table file paths under **Map>Linked Records Settings**.
- Moves the territory being worked on in the Territory Manager (i.e., the territory chosen in the **Edit** drop-down list), to the top of the lists under the **"List"** and **"Changes"** tabs, making it much easier to understand proposed changes.
- Allows you to change the source file location for linked records under **Map>Linked Records Settings** by clicking the ellipsis "..." button.
- Shows the territory hierarchy in a tooltip when hovering over a territory level in the Territory Manager, for easy identification of, for example, the district and region that a territory belongs to.
- Supports right-click reassignment of the areas (e.g., ZIP Codes) in one territory to a territory the user chooses, making bulk edits much easier.
- Offers to verify your territories if your territory layer has not been opened in a long time, ensuring it is consistent with the latest map data.
- Supports selection sets in the Create-a-Territory Wizard when creating territories **"From my existing area layer"** and **"From my existing point layer"**, allowing finer control of the inputs for territory creation.
- Offers a default "Ignore islands separated by a body of water" option for "Find Non-Touching Areas", helping you focus on likely misalignments.

New Documentation

Maptitude continues to provide numerous ways to get you started with the software. The [online Learning Portal](#) is continually updated, and new and revised tutorials are incorporated into the Maptitude Help and updated for the current version of Maptitude.

The Learning Portal Virtual Assistant answers any questions you might have about Maptitude. Powered by artificial intelligence (AI) and advanced language processing, the Maptitude Support Chat provides clear and relevant responses around the clock.

In addition, a variety of comprehensive learning materials (including videos and live or pre-recorded training webinars) are available on the [Caliper Corporation website](#). The training videos run in all browsers, with playback settings, as Vimeo and YouTube videos. The videos are updated with the latest changes in Maptitude.

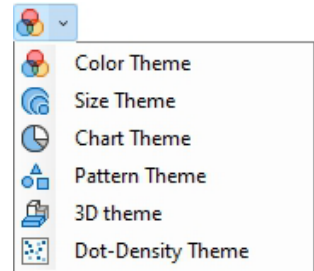
The comprehensive and exhaustive [Maptitude Help \(Help>Maptitude Help\)](#) and the [GISDK Help \(Help>GISDK Help\)](#) are available online. The Help can be viewed within any web browser and now has a modern frameless browser-based interface. The Help is always kept up-to-date and has tutorials for every aspect of the software. Also, being available online, the steps for all Maptitude tasks are accessible to AIs, allowing you to use your favorite AI to learn how to use the software.

Maptitude 2026 includes a Windows Microsoft Office style question mark icon on most windows. Clicking this will take you to the relevant section of the Help. You can also hover over any menu item and click F1 to access the updated Help. In addition, several message windows in Maptitude link directly to the relevant Learning Portal article.

System and Interface

Maptitude 2026 supports the latest Windows operating systems, file types, and common design elements.

- Provides a modern "Simplified Ribbon" style toolstrip, replacing the default floating toolbars (selection, drawing, and navigation).
- Provides a modern and attractive user interface through updated button icons that more closely reflect Microsoft Fluent Design System conventions, using a simplified subset of the Microsoft Office color palette.
- Enables four menu items on empty workspaces, as an alternative to the Home window:
 - **Map>New Map**
 - **Map>New Territory Layer**
 - **Map>Add Table/Spreadsheet to a Map**
 - **Map>Demographic Map Librarian**
- Provides a "Type to filter" prompt in drop-down lists, exposing a powerful built-in feature.
- Provides larger font title bars for docked toolbars.
- Provides toolbar icons in panels such as the Display Manager that now more closely match Segoe Fluent Icons glyphs, including replacing the generic plus/minus operators for expand/collapse and visibility toggling.
- Implements seamless dialog box refreshes when windows are repositioned.
- Provides Pause/Resume buttons in the **Download Manager**, allowing the user to check/uncheck any item, supporting control of specific data and software downloads.
- Replaces the previous Data Installer with a new EXE-based version that reduces download size by approximately 50% and increases download speed, verifies disk space before installation, registers an Add/Remove Programs uninstall entry, and supports silent/scripted installation for enterprise and IT deployments.
- Supports faster help system installation by optionally skipping the files (help is now [fully online](#)) or by using compressed files.
- Supports faster download in the Download Manager for a Maptitude program download, by utilizing multiple threads.



New Native File Support

- Virtual Raster (*.VRT), via drag-and-drop, acts as a metadata file, describing the location and configuration of various raster datasets (like GeoTIFF files).

Maptitude Online

Maptitude Online is both a [map sharing add-in for desktop Maptitude](#) and a [stand-alone mapping application](#).

Online Sharing

As a sharing add-in, maps and reports for any Country Package are created and uploaded using desktop Maptitude. Once uploaded, you can use the maps with the full functionality of the SaaS.

New capabilities are listed below.

- Increased the maximum layer size that can be uploaded to 20 in any Maptitude Online map. Each layer has a size of 1 apart from user-created area layers (e.g., territories, rings, and areas of influence) that have a size of 2.

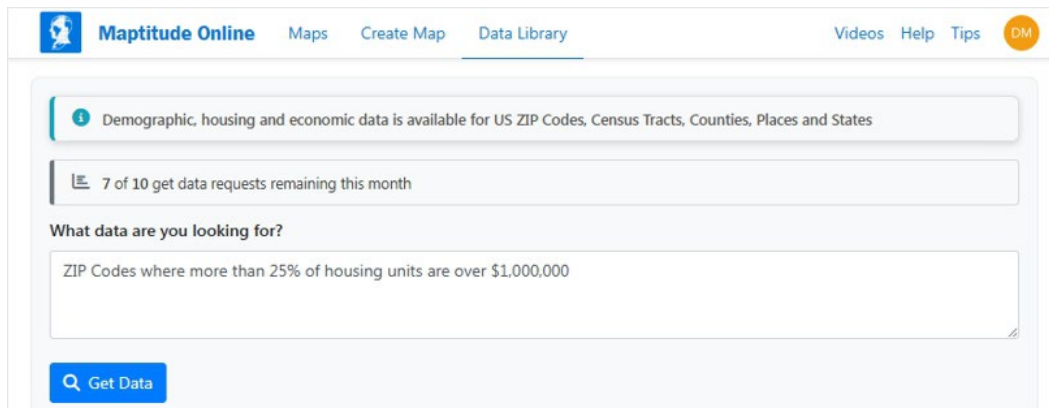
Software-as-a-Service (SaaS)

Desktop Maptitude is not required to use Maptitude Online for the USA. Directly from your browser you can upload Excel or CSV tables (support for Google Sheets and Salesforce Objects is coming soon in 2026!) and map the data using the Create-a-Map-Wizard. The maps can be shared online publicly or privately.

New capabilities added after March 2025 are listed below (see the full release notes at <https://www.caliper.com/learning/maptitude-online-release-notes/>)

Mapping and Analysis Enhancements

- Added a "Get Data" AI-agent driven Wizard, that allows you to free-form type your search query for your desired data, demographics, or map, with Maptitude Online then automatically creating the results for you.
- Added a routing and directions tool with multiple stops for scheduling field sales rep visits, delivery route planning, and optimized routes.
- Added a pie or bar chart choice in the Create-a-Map Wizard, plus a new clustering option for chart themes to consolidate data in dense areas and improve readability.
- Buffer Analysis now supports cumulative rings, and Drive-time Ring layers can be renamed.
- Added new filtering tools that give precise control over subsets of data for more focused analysis.



User Interface and Workflow Enhancements

- The dataview can be repositioned below the map, allowing both to be worked with simultaneously.
- Maps can be transferred between users via the **Settings** page, and administrators can now unpublish all maps and prevent future publishing for increased security control.
- A revamped SaaS-native-style interface for windows such as those in the Create-a-Map-Wizard.



Territory Management

- Added new territory selection tools including lasso, rectangle, circle, and shape selection, along with the ability to automatically assign holes and fill holes in territories.
- Numeric user data (such as number of locations or sales volumes) can now be used as tracking fields in the territory tool for more meaningful balancing.
- Users can choose to remove areas from all territories or from just one specific territory.

Additional Enhancements

- Background layers can now be easily shown or hidden, with a toggle between satellite and standard background imagery.
- A "Delete User" option has been added for easier license management.

Geographic Information System Developer's Kit (GISDK)

APIs

The GISDK APIs make it easy to add mapping functionality to any Windows desktop application written in Python, C#, or any .NET programming language.

Code examples and the user documentation for the Maptitude API have been updated for Maptitude 2026 and are included under [Help>GISDK Help](#).

GISDK Functions

Please see the "[Listing of GISDK Functions](#)" topic in the Online Help to view a full list of GISDK functions that were added, changed, or replaced in Maptitude 2026.

About Caliper

[Caliper Corporation](#) develops state-of-the-art [Geographic Information System \(GIS\) software](#). With a focus on usability, [Maptitude](#) is designed to be the most cost-effective professional [mapping software](#) product on the market. Maptitude enables organizations to leverage their location-based data to improve decision making and planning while minimizing expenditure through competitively priced solutions.

Caliper is a privately held corporation and is a leading developer of [mapping](#), [redistricting](#), [transportation](#), [traffic simulation](#), and [GIS software](#).