precisely

Spectrum Spatial Analyst

Version 2022.1.0 S06

Release Notes

This document contains information about Spectrum Spatial Analyst 2022.1.0 S06 patch release.

Who should apply this update?	This product update is for users of the Spectrum Spatial Analyst application. **Important:** It is a prerequisite that Patch 2022.1 S05 is installed prior to applying this patch.
Is this update required?	This product update is mandatory for Spectrum Spatial Analyst users only.

Contents:

What's New.....2
Fixed Issues.....3
Installation.....5

What's New

Map information for individual rings in annotations

Currently, Map information derived from the Concentric ring, Travel time, or Travel distance type of annotations shows combined information from the multiple rings. For example, if we have 3 rings for a Concentric ring annotation, the information displayed for them is cumulative.

Now, you can also see Map information on individual rings of Drive time, Drive distance, and Concentric circle annotations. An additional overflow menu appears, on each ring, which enables you to view the Map information for the chosen ring only.

Creation of a Sector Annotation using bearing-based angles

Spectrum Spatial Analyst now supports bearing-based angles in addition to protractor-based angles for the sector direction.

Bearing-based angles begin at zero degrees for north and go clockwise. The protractor-based angles begin at zero degrees east and go anti-clockwise. Both angle types are shown in the annotations panel for sectors. As one is updated the other will immediately get updated to show the corresponding value.

For example, if you update the bearing-based angle for sector direction, the value for the protractor-based angle gets updated automatically.

This enhancement enables you to define the sector direction in either of them.

Ability to create Individual Thematic Layers for up to 500 unique values

Spectrum Spatial Analyst now supports creating an Individual Thematic Layer for columns in a table that have up to 500 unique values.

Previously, the limit was 50 unique values.

Enhancements to the Raster Map information

Map information for line or polygon annotations now shows information for MapInfo Multiresolution Raster (MRR) layers. Previously, only single map-click information was available for MRR layers.

Spectrum Spatial Analyst now displays the following information for the line annotations:

- **Line Profile** - Shows the cell values along the line from the raster both as a chart and table. Cell values are shown for a series of sampled points on the line annotation. The maximum sample size is 100 steps and for shorter lines may be less.

  Note: The distances reported by the line statistics are planar distances and may differ from those reported in Spatial Analyst, which is spherical (geodesic) distances.

- **Line Statistics** - Shows the aggregated statistics (min, max , average) for the cell values at the sampled points.

Spectrum Spatial Analyst now displays the following information for the polygon annotations:

- **Region Statistics** - Shows the aggregated statistics (min, max, average, total, cell count, etc.) for cell values. All cells whose center falls inside the polygon annotation are included.

  Note: The information displayed is for all continuous fields and bands of the MRR.

Fixed Issues

This release fixes the following issues:

Bug ID	Description
SSS-11299	The editing template did not enforce the validation for columns using list. **Resolution** - Fixed.
SSS-17546	Relative path of external library in extensibility component was not working. **Resolution** - Fixed.

Bug ID	Description
SSS-17810	MIGrid_Regionstats : No response coming for multi-polygon regions (donuts). **Resolution** - Fixed.
SSS-18084	Map Information was lost after importing concentric KML annotation in Spectrum Spatial Analyst. **Resolution** - Fixed.
SSS-18136, SSS-18313, SSS-18227	Security fixes for the vulnerabilities. **Resolution** - Fixed.
SSS-18220	An issue with using the Google Map APIs. Previously, Spectrum Spatial Analyst 2020.1 used the latest version of Google Map APIs. The Google base map failed to load in some cases. Now, changes have been made to use Google Map APIs version 3.48 which resolved the issue. **Resolution** - Fixed.
SSS-18509	Changing scale in the "Print preview" mode was not working properly. **Resolution** - Fixed.
SSS-18511	Importing libraries in Spectrum Spatial Analyst 2022.1 extensibility displayed 'Unable to resolve bare specifier' error in the browser. **Resolution** - Fixed.
SSS-18518	The copyright information recorded in the log was incorrect. **Resolution** - Fixed.
SSS-18626	Template mappings get corrupted when switching between projects in Project Setting. **Resolution** - Fixed.
SSS-18632	An issue with the 'RightPanel' and 'RightPanelToolBar' injection points in the extensible components. **Resolution** - Fixed.

Bug ID	Description
SSS-18642	Issue with geolocation, the **Go to location** button was not working properly on Spectrum Spatial Analyst 2022.1. **Resolution** - Fixed.
SSS-18782	Named Query did not send proper data while executing the Time field. **Resolution** - Fixed.
SSS-18841	An issue with adding base icons on the banner. **Resolution** - Fixed.
SSS-18875	An issue with the display of custom banner while switching the map projects. **Resolution** - Fixed.

Installation

Spectrum Spatial Analyst requires that the Spectrum Spatial Module is installed and licensed with the Spectrum Technology Platform. Before you install this product update, ensure that you have installed all previously released product updates for the Spectrum Spatial module and the platform.

To install this Spectrum Spatial Analyst patch, follow the steps provided below.

Installing on Windows

Note: In the following steps, **install_directory** is the directory where the Spectrum Spatial Analyst application is installed.

1. Download the zip file and extract it to your system.
2. Stop the AnalystConnect Tomcat service.
3. Stop the AnalystLocate Tomcat service.
4. Backup the existing `connect.war` and `index-search.war` files from your Spectrum Spatial Analyst installation located under:

`<install_directory>\Tomcat\AnalystConnect\webapps`

`<install_directory>\Tomcat\AnalystLocate\webapps`

5. Delete the `connect.war` and `index-search.war` files as well as the Connect and Index-search directories located at:

   `<install_directory>\Tomcat\AnalystConnect\webapps\connect`

   `<install_directory>\Tomcat\AnalystLocate\webapps\index-search`

6. Copy the latest `connect.war` file (from the Spectrum Spatial Analyst patch zip) to the following folder:

   `<install_directory>\Tomcat\AnalystConnect\webapps`

7. Copy the latest `index-search.war` file (from the Spectrum Spatial Analyst patch zip) to the following folder:

   `<install_directory>\Tomcat\AnalystLocate\webapps`

8. Start the Precisely AnalystLocate Tomcat service.
9. Start the Precisely AnalystConnect Tomcat service.

Installing on Linux

> **Note:** In the following steps, **install_directory** is the directory where the Spectrum Spatial Analyst application is installed.

1. Download the zip file and extract it to your system.
2. Stop Analyst Connect.
3. Stop Analyst Locate.
4. Backup the existing `connect.war` and `index-search.war` files from your Spectrum Spatial Analyst installation located under:

   `<install_directory>/analyst/connect/webapps`

   `<install_directory>/analyst/index-search/webapps`

5. Delete the `connect.war` and `index-search.war` files as well as the Connect and Index-search directories located at:

   `<install_directory>/analyst/connect/webapps`

   `<install_directory>/analyst/index-search/webapps`

6. Copy the latest `connect.war` file (from the Spectrum Spatial Analyst patch zip) to the following folder:

   `<install_directory>/analyst/connect/webapps`

7. Copy the latest `index-search.war` file (from the Spectrum Spatial Analyst patch zip) to the following folder:

   `<install_directory>/analyst/index-search/webapps`

8. Start Analyst Locate.
9. Start Analyst Connect.

1700 District Ave Ste 300
Burlington MA 01803-5231
USA

www.precisely.com

Copyright 2007, 2022 Precisely