

One of the advantages of SpatialAnalyzer is that development occurs at a brisk pace. New feature requests, bug fixes, and changes are implemented quickly, giving you the opportunity to start taking advantage of newly implemented features in a very short period of time.

2017.02.09

Instrument Updates

Added Support for Faro Vantage S and Vantage E Laser Trackers

This requires an update to new JRE and Camera (for older trackers with side mount camera) files, which are available for download from our FTP site:

<ftp://ftp.kinematics.com/pub/SA/Install/Driver%20Downloads/Laser%20Trackers/Faro/>

- The interface was updated to corresponding SDK v.5.0.0.1 from 4.3.0. This fully supports older tracker models, but the update is required for all models due to the SDK update.



Added Support for V-Stars “Dream” 6D targets

Dream “Drill & Ream Enhanced Accuracy Measurement” targets are custom definable 6D targets with a target definition in V-stars and used as a 6D probe. The SpatialAnalyzer interface has been enhanced to measure from these custom devices. The use of this 6D targeting requires VSTARS v.4.9.1.0 or later.



<http://www.geodetic.com/resources/videos/dream.aspx>

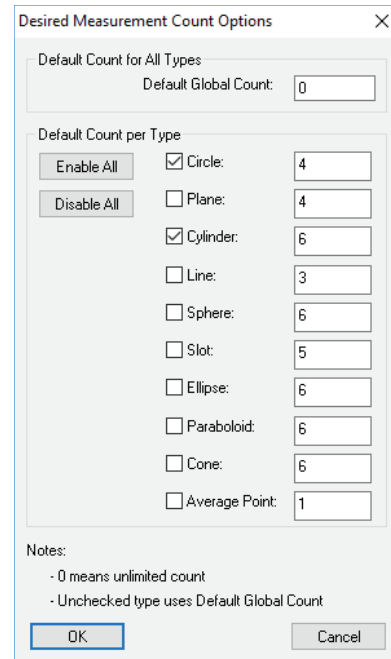
Added Support for Dynamic Reference Control in the AICON Interface

The SpatialAnalyzer’s AICON Interface now provides the ability to define and set dynamic reference systems within AICON’s MoveInspect software. This can be done by specifying a name in the interface and interacting with the SA graphics to select the points to be used for the reference system. It’s also possible to switch between available reference systems, which is directly reflected within MoveInspect. This functionality requires MoveInspect software v7.01.06 or greater.

SA Toolkit Enhancements

Measurement Count Defaults Can Now be Easily Enabled

Previously, Feature Measurement Counts had to be enabled in the Users Options. This has been simplified so that measurement counts can be set as default at any time and will be applied to any additional features of that type.



Construction Commands

New Layout Points on Ellipse Construction Utility

Construct points by layout in an ellipse were added. This function provides extensive control for precise layout of elliptical point patterns.

Bug Fixes

Fixed Issue with T-Scan Point Cloud Visibility

Point Clouds measured from a T-Scan were hidden by default in the 2017.01.12 version and it was difficult to make them visible. This has been corrected.

Improved Align to Cloud to CAD Reliability

Certain CAD models caused problems with Cloud to CAD Alignment and measures were taken to increase the robustness of this function.

Improved Cardinal Point Tree Management Function

Improved synchronization between active cardinal points and those disabled to help prevent confusions between dynamic and constructed points.