The Independent Testing Solution
to ensure spatial accuracy in your GIS data set

CompassAA™
CompassTA™

A Multi-Platform Solution

From inventory management to underground utility locating, accurate geospatial data has never been more important. Compass**AA**™ and Compass**TA**™ are GIS tools to ensure the accuracy of field data, as well as verify the accuracy of any pre-existing geospatial datasets, promoting excellence and agility for your independent QA/QC.

CompassAA™

CompassAA is a simple, fast, and complete workflow solution to verify the accuracy and quality of orthophotos. This software's ease of use and concise summary reports benefit the planner, producer, customer, or end user of orthophotos. With CompassAA, you can prove that you are creating, delivering, buying, or using the 'best available data' within minutes. Use CompassAA to meet accuracy standards, produce reports that authoritatively document products, and verify that internal data meet specifications and meet requirements for accurate, reliable orthophotos.
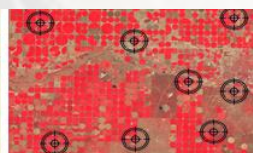
Benefits

- **Streamlined Accuracy and QC:** CompassAA is a comprehensive orthophoto verification and QC review tool.
- **Professional Documentation:** Comprehensive reports from CompassAA support the accuracy and quality of products.
- **Differentiate Yourself from the Competition:** Cost-effectively verify that all ortho products meet specifications and produce the standardized reports to prove it.
- **Compliance:** Statistical results satisfy all major accuracy standards (NSSDA, ASPRS, NMAS, and MIL).
- **No Lost Time:** Quickly installed and mastered, with CompassAA your team can implement and produce within hours.
- **Standalone:** Does not depend on other software tools or platforms for implementation and operation.

- **Shared Analytics**: Accuracy and QC results are easily understood by producers, customers, and users.
- **Understanding:** Through effective methods, tools, and reports, users better understand product accuracy.
- **Intuitive and Dynamic:** Easily mastered user interface for zooming, panning, and trail tracking controls.
- **Flexible:** Options control, ancillary data loading, image chip generation, and more…

CompassTA™ & CompassAA™ enable elevation and orthoimage data producers, customers, and users to verify the accuracy and quality of the data by offering the most comprehensive matrix of benefits.
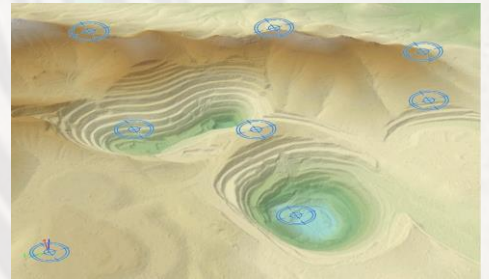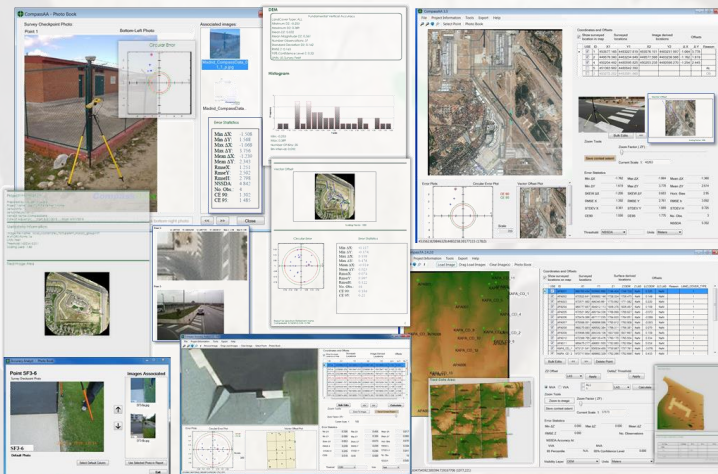
CompassTA™

CompassTA™ automatically tests and verifies the accuracy of elevation data products. CompassTA™ lets you test LiDAR point cloud data, DEM data products, and other raster elevation data. With CompassTA™, you can make sure you are creating, buying, or using elevation data that meet your specifications and mapping needs. Start with CompassTA™ and add the LiDAR Testing Extension to provide a complete solution for LiDAR elevation data verification and quality control.

Benefits

- **Flexible Elevation Data Testing**: Verify LiDAR point cloud data as well as raster DEMs and elevation data.

- **Differentiate Yourself from the Competition**: Cost effectively verify that all elevation data meet specifications and produce the standardized reports to prove it.

- **Compliance**: Load checkpoints with land cover type information to report accuracy per client requirements.

- **Automatic Results**: Load reference X, Y, and Z data. Elevations from products are automatically extracted.

- **Standards-Based Reporting**: Automatically document vegetated (VVA) and non-vegetated (NVA) accuracies.

- **Scalable**: Input tile layers and evaluate enormous LAS, DEM, Intensity, and Ortho data sets.

- **Extensible**: Add the LiDAR Testing Extension to conduct exhaustive LiDAR testing and verification.

- **Adaptable**: Use default settings for testing or adjust parameters based on project-specific requirements.

CompassTA™ & CompassTA™ - Easy to use, with modern and processual user interface

For verification of the spatial accuracy of aerial and satellite data, GIS layers, or elevation data (such as LiDAR, DEM, etc.).

Several organizations utilize CompassAA™ and CompassTA™ accuracy software, developed by CompassData. These verification tools are content enhancement solutions that automate map accuracy verification and eliminate manual processing, ensuring consistent quality control of geospatial products.

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- More information about Compass V&V tools to be found at http://compassdatainc.com/gps-gis-products/compassaa/
- Download the trial version on http://compassdatainc.com/compass-vv/
- Sample CompassTA™ & AA™ report also available to be downloaded