

Aerial Photography



Partner Aerial Photography Addendum

Configuration and Support Scope Document

Version 4.28

The purpose of this document is twofold. The first purpose is to define items included with a Partner Software staff installation of Aerial Photography and to distinguish such items from those not included and considered to be out of scope. A *Partner Software staff installation* refers to an installation by a Partner Software employee and explicitly excludes installation of Aerial Photography by any other party.

The second purpose of this document is to explicitly define items that are included at no additional cost for Aerial Photography once a Partner Software staff installation is complete and a customer enters "maintenance mode" and ongoing licensing fees are paid to Partner Software. While customers may pay licensing fees to utilize aerial photos configured by non-Partner personnel, including customers and third parties, support for the use of such third-party photographs is not covered by annual license fees and will generally incur an additional cost and may require a separate service order.

Configuration Included with Partner Software Staff Installation

The following list includes software, features and services considered to be a part of installation of Aerial Photography.

- **Image mapsets***—One image mapset, generated from customer-provided imagery or standard imagery from the U.S. Department of Agriculture.

If public domain maps are not available for relevant service area, customer is responsible for obtaining intellectual property rights to use those maps and for providing documentation to Partner that it has the requisite license to use the maps in question prior to their "cutting" by Partner personnel.

- **Basic Image Search**—One cursory search for publicly available one-meter aerial photography from the U.S. Dept. of Agriculture, if requested. In most situations, however, Partner customers have obtained their own, more detailed image sets from other sources.
- **Projection matching**—Projection investigation, with assistance of the utility, to ensure that image mapset matches what is being shown in the Partner Map Viewer.
- **Image set mosaicking**—If the customer has image sets for one area that are more detailed or more recent than for another area, then Partner will layer them to emphasize the more detailed or recent imagery.
- **Image layer tiling**—Partner will analyze the aerial imagery at its native pixel resolution to determine if this resolution is appropriate to match during the Partner photo processing. To illustrate, it can be discovered that a source image set with one-foot pixel resolution may actually appear more blurry at native resolution compared to another image set with two-foot pixel resolution. In such a case, it is common for high-resolution aerial photography to be formatted in a "lossy" compression, thus losing much of the definition of a lossless image format. Partner will analyze the images at their native resolution to determine if such definition between pixels is worth preserving when compared against the cost of a larger file size on disk.
- **Image border cropping**—In the conversion process, Partner will crop any black or white border around the edge of aerial images to allow for the appearance of a seamless image set.
- **Performance testing**—Partner will use a copy of the Map Viewer to test the output images and endeavor to maximize viewer performance in conjunction with the photo processing parameters.

Support Included*

- **Image mapsets**—Will function correctly and support is included if issues arise.
- **Reliable Map Viewer performance**—Any difference in performance speed of the Partner Map Viewer when images are turned on as compared to when images are turned off is expected to be minimal provided Partner Basic is properly installed.
- **Image distribution in Partner system**—Partner staff will consult with the customer about ways to distribute images to end user installs and the advantages and disadvantages of different image distribution options.

* There may be additional support fees if the installation of aerial photos was not a Partner Software staff installation.

Support and Configuration Excluded

- **Extensive photo search**—Partner is not obligated to provide any search for publicly available aerial photography beyond what is available from the U.S. Department of Agriculture and may decline such requests for any reason.
- **Projection changes after photo processing**—Any image mapset recut as a result of map projection changes of the GIS, the Map

Publisher or Partner Hub are explicitly excluded.

- **Mosaicking in re-cuts**—Any such mosaicking described in the *Image set mosaicking* inclusion above for any re-cut of image mapsets is expressly excluded.
- **Custom Update Sources for Partner Mobile** – When using aerial photography in conjunction with Partner Mobile, the Partner Mobile Hosted Architecture is used to deploy imagery to devices. As such custom update servers, such as those locally running on the client network, are not supported.
- **Partner Mobile Aerial Size Restrictions** – Due to the limitations of mobile hardware and the nature of broadband connections, Partner recommends limiting the partner Mobile deployment of Aerial Photography to 10GB.