ArcGIS Drone2Map 2023.1 Issues Addressed

Each major, minor, and patch release of ArcGIS Drone2Map includes fixes for bugs that were reported to Esri Technical Support. The bugs that were fixed in ArcGIS Drone2Map 2023.1 are listed in the table below.

More information about an issue on the list can be found by searching for the BUG number on the Technical Support site.

Drone2Map 2023.1 also includes extensive new functionality, which is described in the what's new topic.

Issues addressed at ArcGIS Drone2Map 2023.1.1

Issue	Description
BUG-000154830	Imagery with 3 or more unique serial numbers fails to process.
BUG-000156318	Processing imagery with the Data Interoperability extension installed at version 3.0 or lower can cause Drone2Map 2023.1 to crash.
BUG-000156559	When using the delete button on the control features within the Project Data tab an error can occur that causes the control to not properly be reset.
BUG-000156560	When a project contains images that are above and below sea level the negative, or below sea level, images can switch during processing to be positive instead.
BUG-000156561	When processing certain large datasets that take a while to process, the processing report could display incorrect processing times and tie point statistics.
BUG-000156562	Defining a default elevation surface to use in your projects under the Drone2Map application settings would not populate the defined layer into the map.
BUG-000156563	When focal length for a camera is manually entered as a long decimal and used as a project parameter it will only show the first decimal place correctly.
BUG-000156564	Custom values entered as long decimals into the camera editor pane were not always being honored when starting processing.

Issues addressed at ArcGIS Drone2Map 2023.1

Issue	Description
BUG-000153862	Large projects that have the Merge Tile option checked could hit a limit on the size of the output LAS file, resulting in multiple files. The file size limitation has been removed.
BUG-000153863	The clear cache check box within the Display section of application settings could be checked on, but the cache would not clear correctly. A button has been added to clear the display cache.
BUG-000153864	Ground control points that were not linked could show up in the processing report with no values. Only ground control points that contain links will now show up in the processing report.
BUG-000153865	Processing could be started without the focal length value being present in the camera parameters for a project and will fail to process. Focal length is now

	populated from exif values if available and projects can no longer be processed without a valid focal length value.
BUG-000153866	Image links could show a reprojection error value of zero when image links were too far from the control point and a default value of zero was given to them. Image links now report the correct reprojection error value.
BUG-000153867	Projected ground control points that contain northing and easting fields would not properly map to the X and Y spatial fields when importing.
BUG-000153868	An empty feature class could be imported as control without warning. A new warning will appear if a feature class being imported is empty.
BUG-000153869	Ground control points in certain state plane coordinate systems would fail to import into a project.
BUG-000153870	If a project camera has DJI Dewarp data available, it will now be used in processing when selecting the "Image Metadata" option in the camera editor pane.
BUG-000153871	When sharing a 2D Product as a hosted tile layer and the layer being shared is not present on the map, the symbology will be missing in the resulting hosted layer. Hosted tile layers now maintain symbology regardless of being on the map.
BUG-000153872	If a different sharing portal is selected with an open project, the folder connections for the new portal do not appear correctly. Folders will now refresh when the sharing portal connection is changed.
BUG-000153873	When creating elevation products using an Arabic language pack the resulting layers would be incorrectly symbolized and appear greyscale. The elevation products will now have the default symbology applied.
BUG-000153874	Terms for discussing mean or average reprojection error were inconsistent throughout the processing report documentation. Field names and descriptions have been updated for clarity and consistency.
BUG-000153582	New projects could be created in a geographic coordinate system instead of the required projected coordinate system which would cause processing to fail.