



Leica Geosystems – Mobile Mapping Release Notes

Product Version 2023.3.2.4 Leica Cyclone Pegasus OFFICE

Installer LeicaCyclonePegasusOffice-v2023.3.2.4.zip

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1 Introduction

1.1 Availability

The new **2023.3.2.4 release of Leica Cyclone Pegasus OFFICE**, will be available for download in myWorld from calendar week 6 of 2024 onwards.

Users with an active Customer Care Package maintenance as of October 31st, 2023, are entitled to install and run the new software release for free.

1.2 What's New

Leica Cyclone Pegasus OFFICE v2023.3.2.4 is a patch release including important improvements to the product.

The important enhancements are:

- REVIEW & OPTIMIZE: Fixed random issues when deleting links.
- REVIEW & OPTIMIZE: Fixed random inconsistencies in link colours.
- REPORT: Fixed values in REPORT with imperial measurement unit.
- PROCESSING: Fixed issue about tilted and flat point clouds.
- PROCESSING: Fixed issues about deformed Pegasus: Backpack point clouds.

2 Improvements

2.1 REVIEW & OPTIMIZE: Fixed random issues when deleting links.

In some cases, some links could not be deleted from the project and the user was forced to use it in the Optimization. This is fixed now, and all selected links will be deleted properly when the command is run.

2.2 REVIEW & OPTIMIZE: Fixed random inconsistencies in link colours.

In some cases, an inconsistency between the colors of links shown in the Link-List and the same link shown in the main view was observed. This is fixed in this release, and link colors and status are consistent between list- and main-view.

2.3 REPORT: Fixed values in REPORT with imperial measurement unit.

When working with imperial units, some wrong values were reported in the REPORT document. The issue is fixed, and users can work properly with imperial measurement units and the REPORT Document.

2.4 PROCESSING: Fixed issue about tilted and flat point clouds.

When processing certain TRK datasets in fast mode did return as a result a point cloud which was concentrated all in a single point, even if no error comes from the processing. This is fixed in this version.

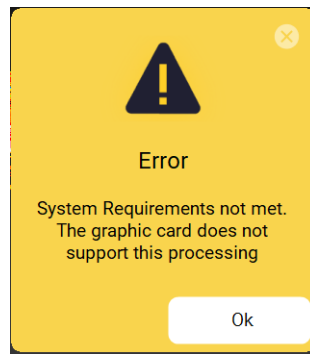
2.5 PROCESSING: Fixed issues about deformed Pegasus: Backpack point clouds.

Some Pegasus: Backpack datasets show a deformed point cloud when processed with the previous Cyclone Pegasus OFFICE software; this is fixed in this release.

3 Important Notes

3.1 Note on PC-GPU requirements.

The Image anonymisation and the point cloud classification is fully dependent of the used hardware of the according PC. If the graphic card requirement does not match, the process is stopped with a notification:



The graphic card computing capability need to be 7.5, 8.6 and 8.8.

Compare the listed computing capabilities for each Nvidia chipset here:

<https://developer.nvidia.com/cuda-gpus>

Computation capabilities, other than the listed above, need to be checked by Leica Geosystems R&D department to make sure the image anonymisation works according to the expectations. Suppose the graphic cards should be used with higher computation capabilities. In that case, the users should contact the Leica Mobile Mapping support team, to verify if the hardware is able to function accordingly.

3.2 Compatibility

With the 2023.3.1.64 release, Leica Cyclone Pegasus OFFICE is supporting these versions of the following Hexagon/Leica Geosystems software products:

- Leica Infinity v4.1.1.45440
- Inertial Explorer SDK 8.9
- Leica CLM 2.13.0

3.3 Support of Virtual Machines

Please note that running the software on virtual machines is not supported.