



Certainty 3D

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To: General Release

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Re: Guide to Load Point Cloud Data in TopoDOT – Flow Chart

Loading Point Cloud Data in TopoDOT

This guide's purpose is to illustrate the many methods to import data in TopoDOT and to help the user decide which is the most practical method for the current application.

The following flow charts show the options to load pointcloud data in TopoDOT based on the data type (terrestrial or static, airborne, mobile, etc) and the file type (ASCII, LAS, DOT, etc). The flow paths show which specific tool to use (all tools are display in "quotation" marks); nevertheless, it does not explain how to use the tools. For further instructions on the tools use, please refer to the same graphs under the [TopoDOT Wiki Manual](#). There you will be able to find direct links form the flow chart boxes to the tool's description.

For more information please contact us.

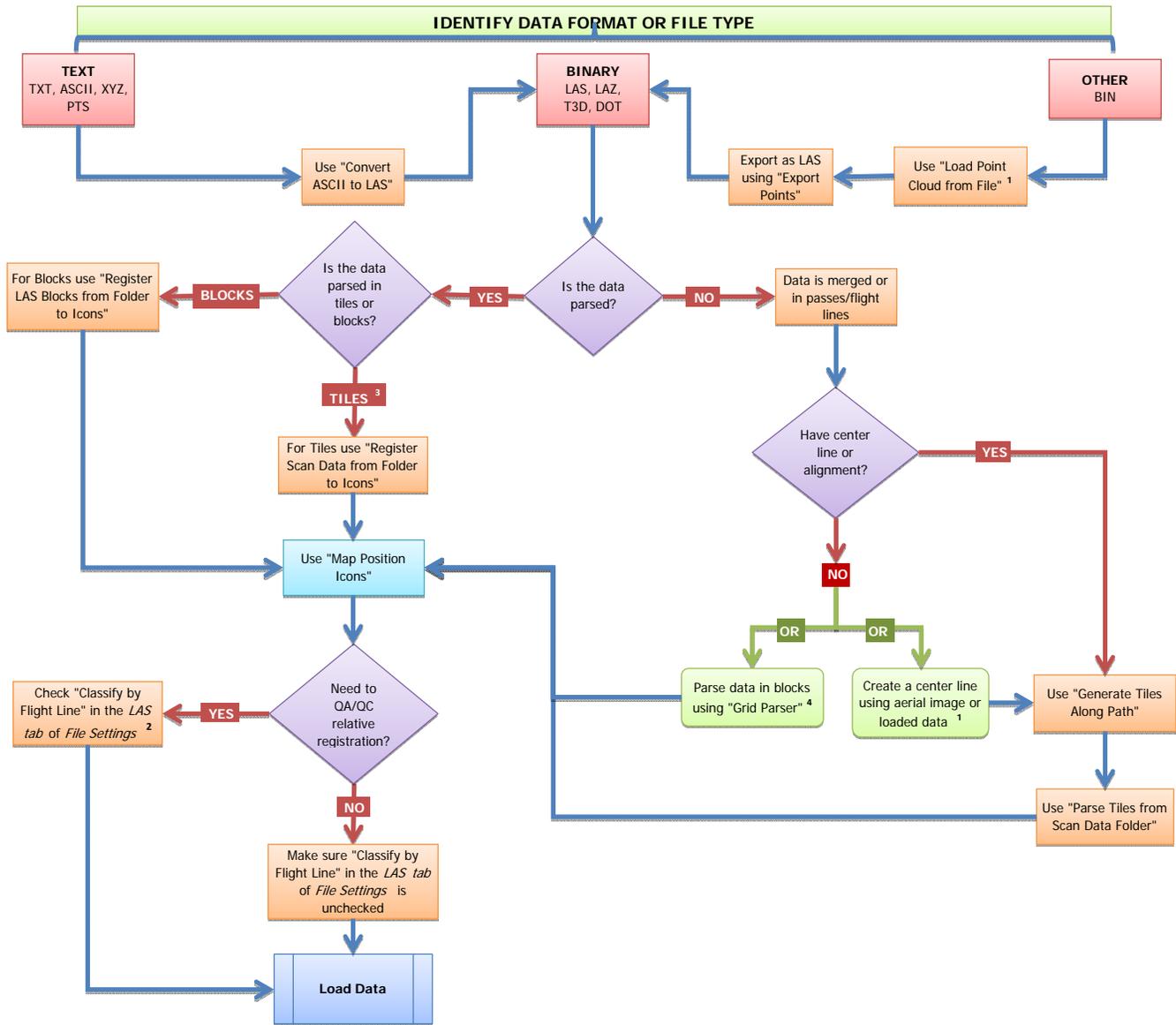
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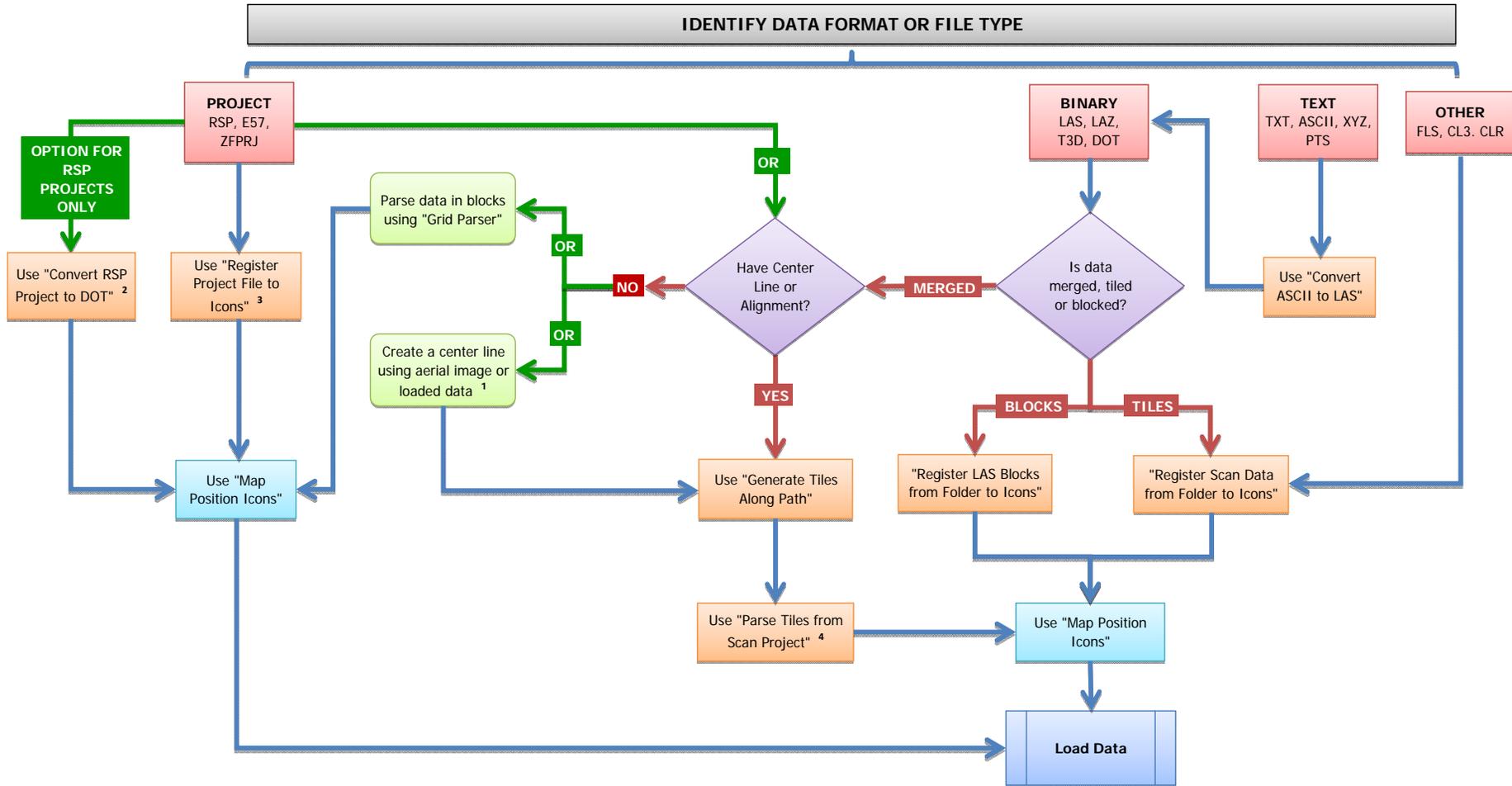
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LOAD MOBILE OR AIRBORNE POINT CLOUD DATA IN TOPODOT



<p>LEGEND</p> <p>→ Path to Follow</p> <p>→ Optional Path</p> <p>→ Choose Option</p>	<ul style="list-style-type: none"> * All tools are marked in "quotation" marks * All menus are marked in <i>italics</i> * All file types, including the ones not listed here, could be loaded using "load data from file". If data file is larger than 2GB decimate data using "thin data" tool and load the data using "load data from file" ¹ If file is too large, decimate data using "thin data" tool ² This option will re-classify data by point source id to display single passes/flight lines. It wont override current classification unless file is exported. ³ Best for data processing due to concise area to load (can load more tiles at time) ⁴ This option works on one file at a time. If data is separated into multiple files, use "LAS Merge" tool first
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LOAD STATIC POINT CLOUD DATA IN TOPODOT



<p>LEGEND</p> <ul style="list-style-type: none"> → Path to Follow → Optional Path → Choose Option 	<p>* All tools are marked in "quotation" marks</p> <p>* All file types, including the ones not listed here, could be loaded using "load data from file". If data file is larger than 2GB decimate data using "thin data" tool and load the data using "load data from file" decimate data using "thin data" tool and load the data using "load data from file"</p> <p>¹ If file is too large, decimate data using "thin data" tool</p> <p>² Good for data processing due to faster data loading time</p> <p>³ Best for relative registration QA/QC</p> <p>⁴ Best for data processing due to concise area to load (can load more tiles at time) and faster loading time</p>
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