GeoSync Z-Tools

Publish – 3D View
(Using Point Cloud – LAS or LAZ File)

September 2020

Recommended: Copy the point cloud file (LAS,LAZ) to your Project\results folder
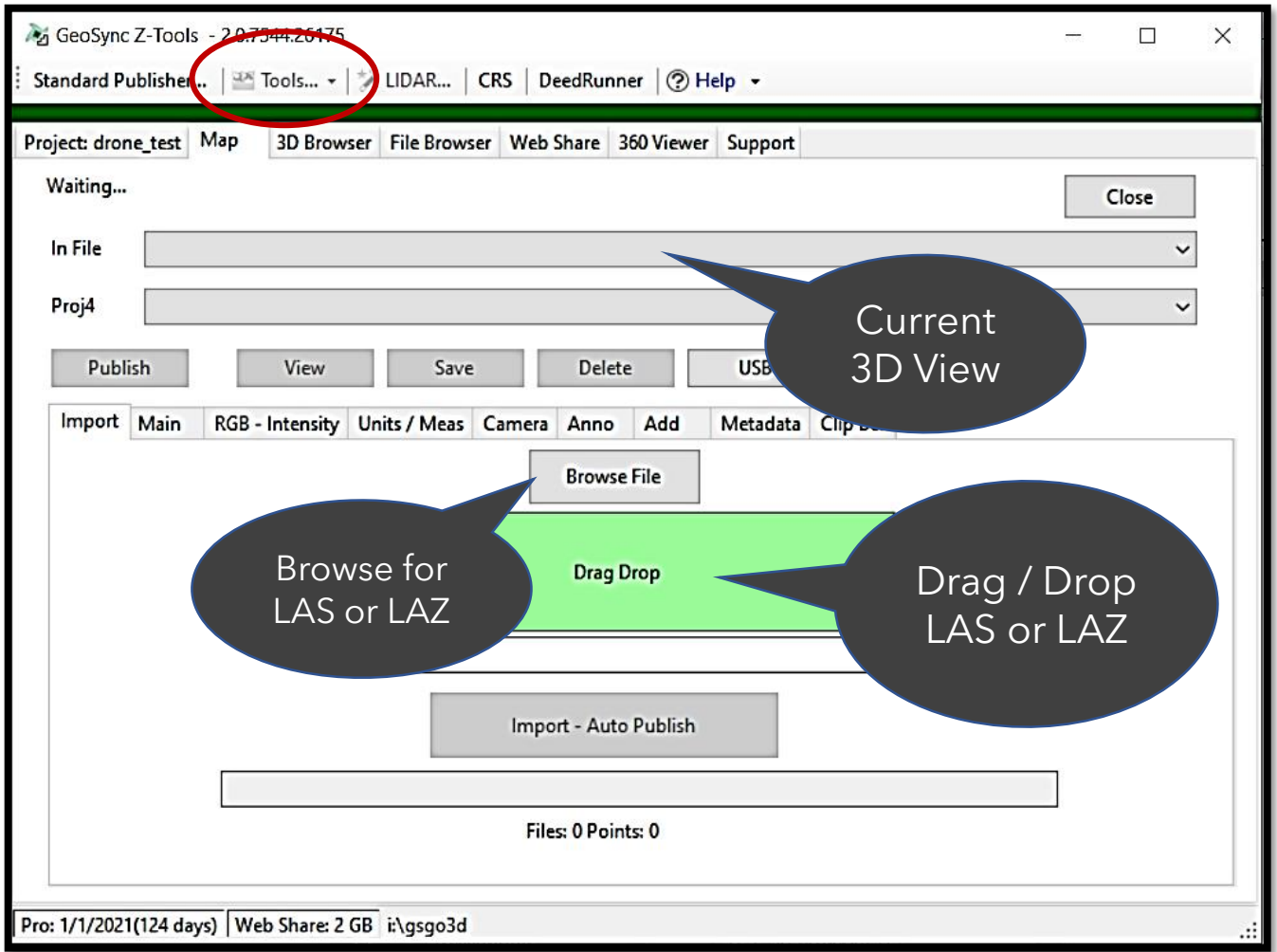
Steps:

1. Map: From Tools Menu open Standard Publisher Tool
2. Import & Publish: Browse and select or drag/drop LAS/LAZ file and run Import & Publish
3. Change Settings: From "In File" combo-box set the current 3D View. Change the view settings and click view to save and preview
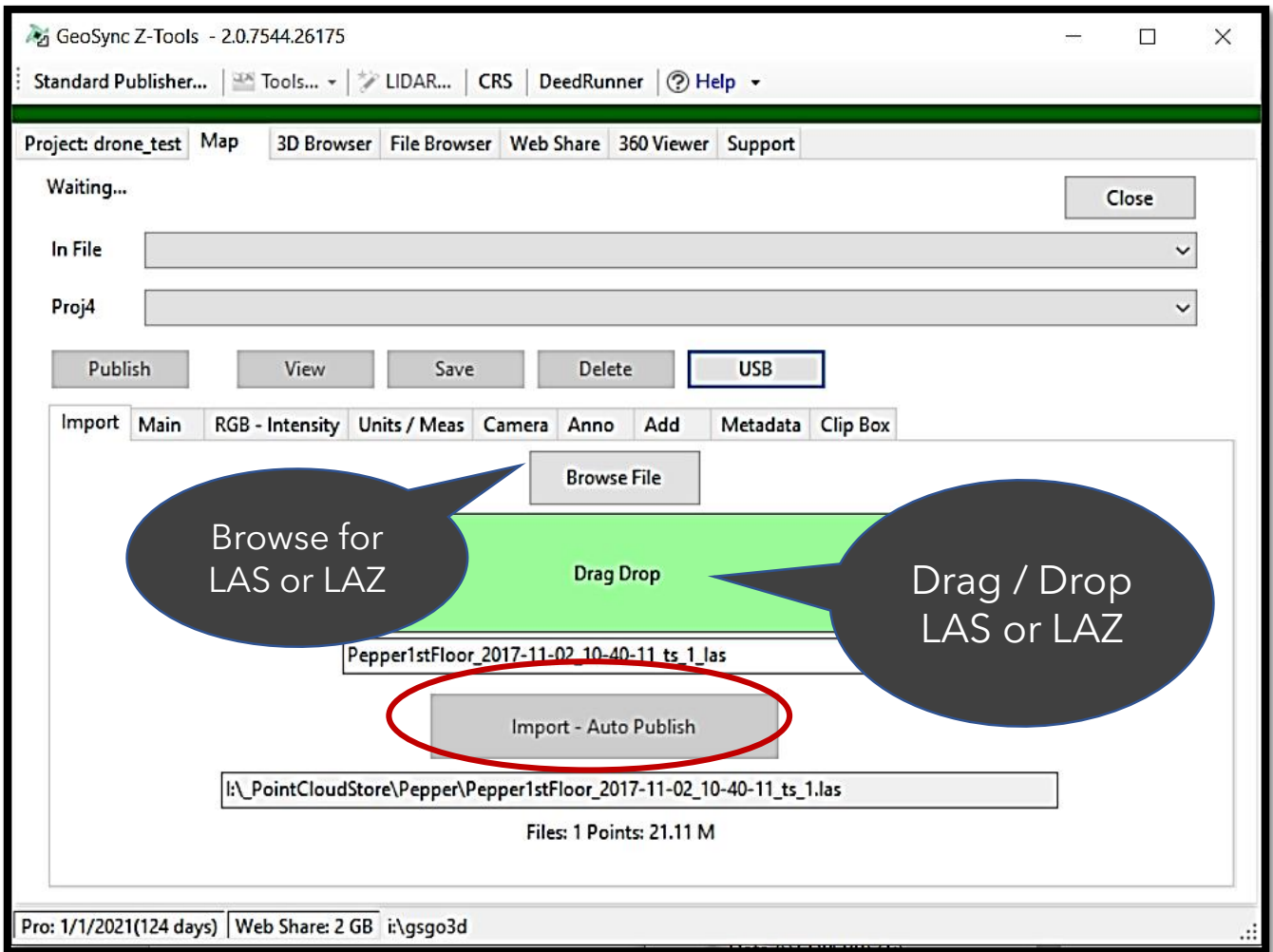
1. Requires Pro+ license
2. Set current a previously published point cloud or
3. Browse to a point cloud file in the project folders or
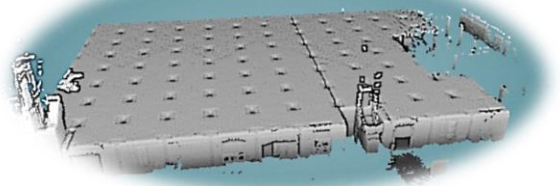4. Drag & Drop a point cloud from anywhere on your computer

1. Browse to a point cloud file in the project folders or
2. Drag & Drop a point cloud from anywhere on your computer
3. Click Import – Auto Publish Button
   1. LAS / LAZ file will be imported to 3D View folder
   2. A 3D View will be created and displayed
   3. The 3D View be set Current
   4. Click View to re-open

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| Import | Main | RGB - Intensity | Units / Meas | Camera | Anno | Add | Metadata | Clip Box |

Point Cloud: pepper1stfloor_2017-11-02_10-40-11_ts_1_las-43054199

Doc Name: pepper1stfloor_2017-11-02_10-40-11_ts_1_las-43054199.html

Title: Pepper1stFloor_2017-11-02_10-40-11_ts_1_las

Background: gradient   **Size:** 1   **FOV:** 60

Point Budget: 3*1000*1000   **Min** -10.065 **Max** 76.8750

Color Type: HEIGHT   **Grad:** SPECTRAL

Size Type: FIXED   ☑ EDL   **S:** 0.4   **R:** 2.4

- Spectral
- Viridis
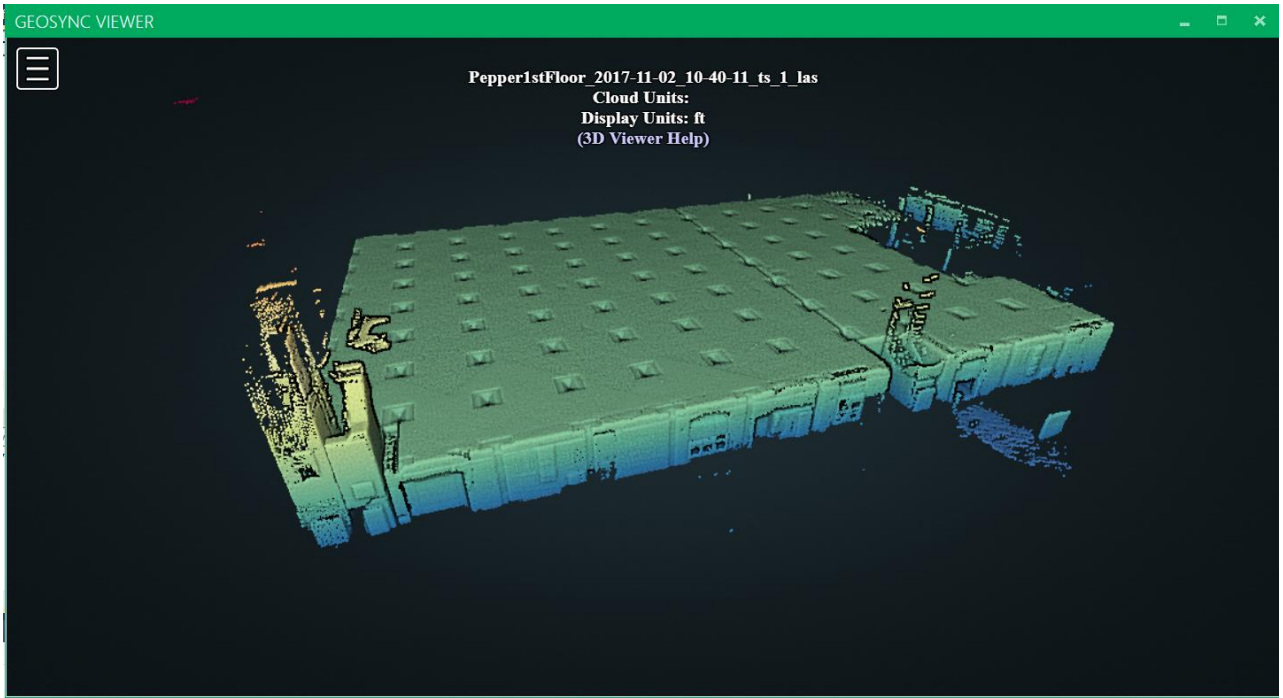- Plasma
- Gray Scale
- Rainbow

Gradient Scheme:

1. Set Current 3D View – In File Combo Box
2. Using Options within the Tabs – customize view
   1. Main, RGB-Intensity, Unit/Meas, Camera, Anno, Add, Clip Box
3. Keys: Set Color Type
   1. RGB: if point cloud had color
   2. Height: render by elevation and set Grad
4. Click View to Save and Preview

Clip Box Option:
Turn on Clipping Box and Set Clip Option = "Clip_Inside"

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With Clip Box Turn On