360 Hotspot Builder Overview

2020

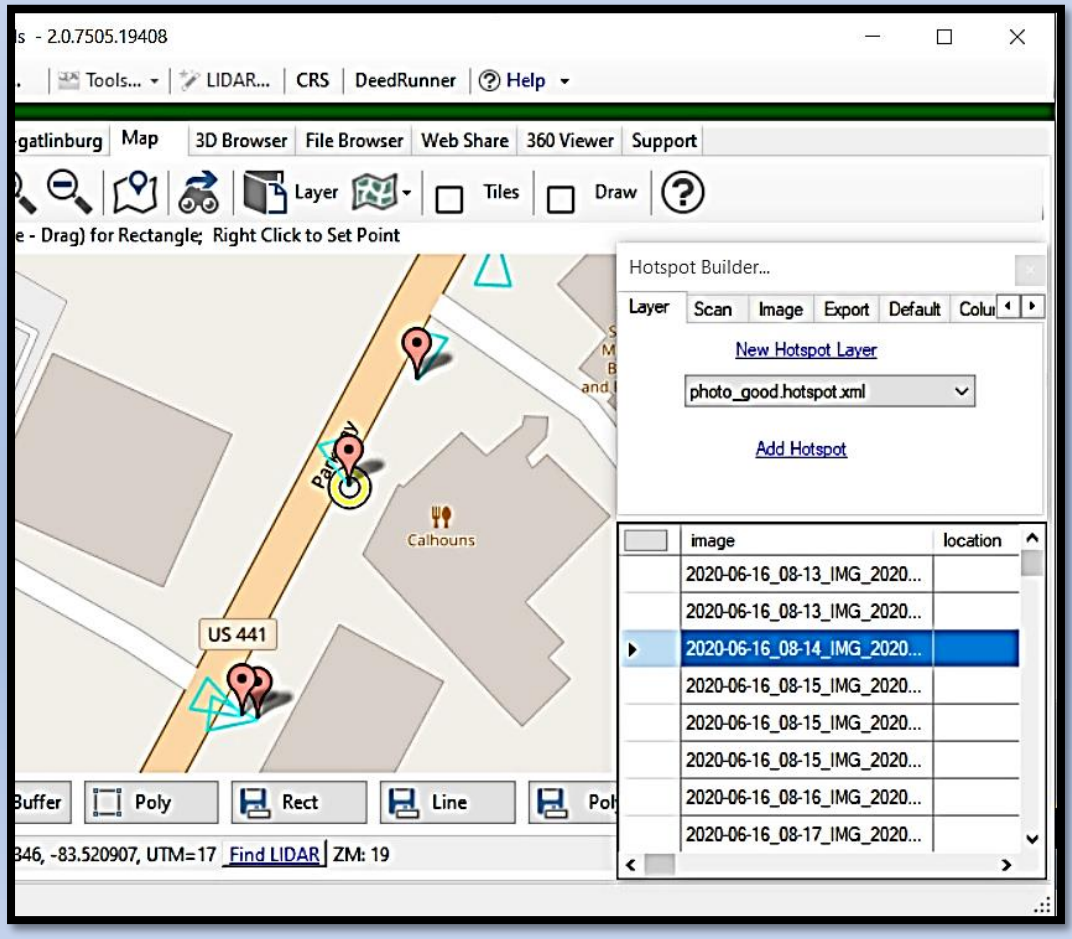
360 Hotspot Benefits...

- ✓ GIS point layer with links to photo, pano, and pdf files
- ✓ Floor plan annotations
- ✓ Building exterior documentation
- ✓ Facility / equipment / asset photo documentation
- ✓ Construction photo documentation – record of change
- ✓ Easy deployment to GeoSync Cloud maps for sharing
- ✓ GIS export packages for use with ArcGIS and QGIS

GeoSync Software

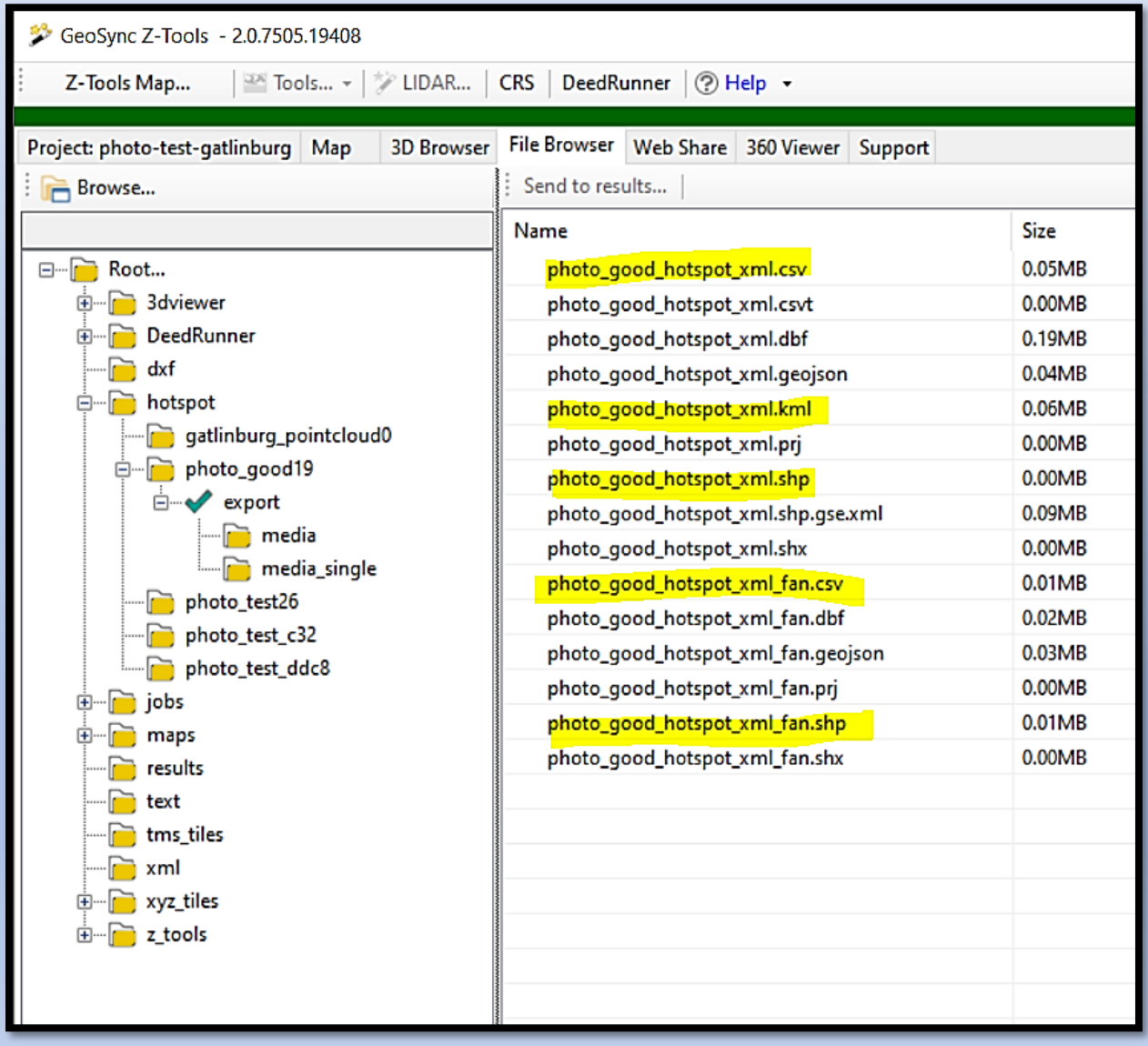
What is a 360 Hotspot Layer?

- **GIS Point Layer**
  - Ready for ArcGIS, QGIS, or GeoSync Cloud
- **Coordinates are geographic**
  - If relative – say floor plan - then use EPSG:3857 (web Mercator) assuming the relative dimensions are real coordinates
- **Standardized attributes:**
  - Image
  - Name
  - Location
  - Desc
  - Muid_g
  - url
  - Rotation
  - Z
  - Indoor Space Inventory
  - Camera Settings for Point Cloud Viewer



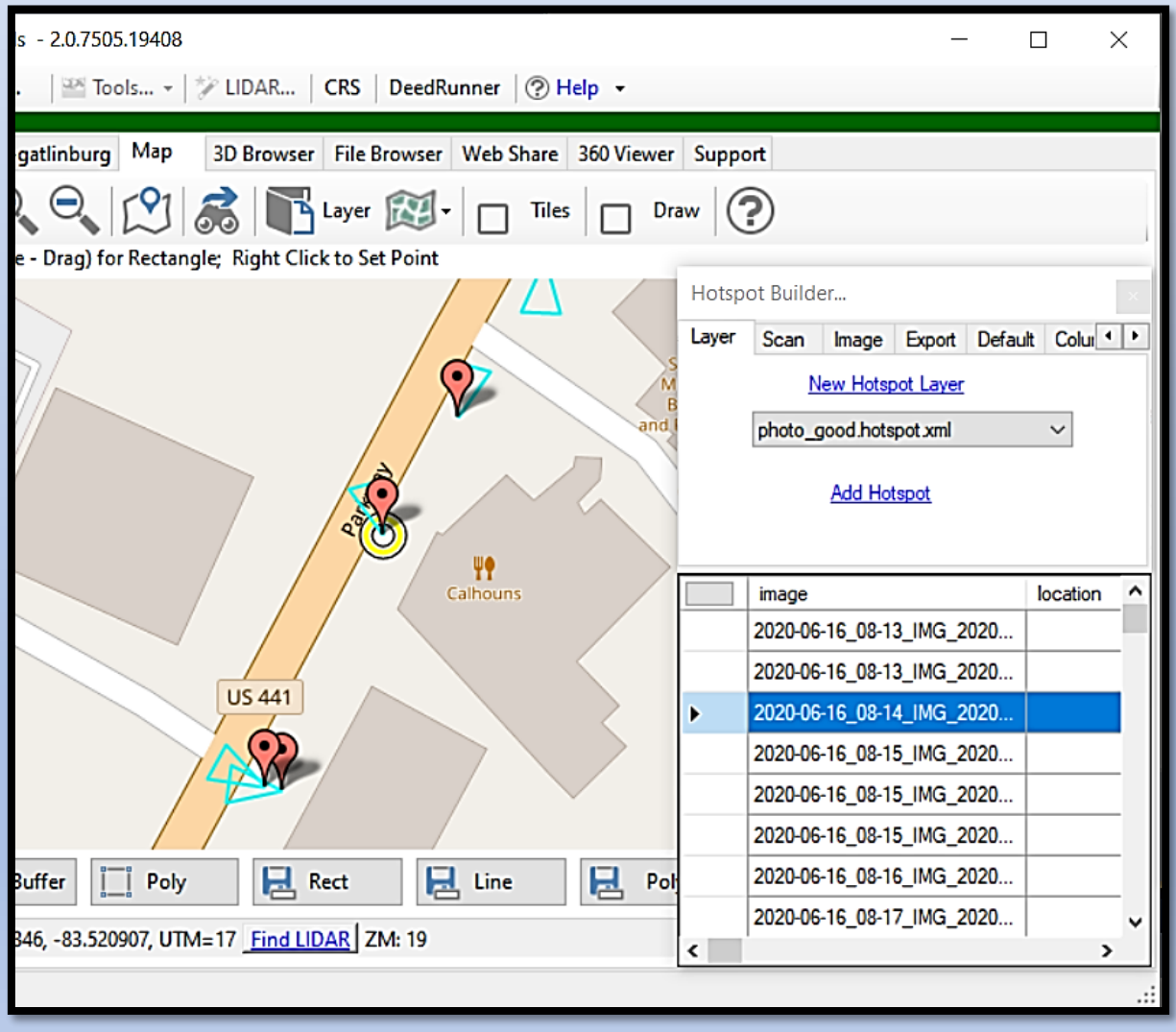
360 Hotspot Layer Project Folders...

- **<Project>/Hotspot Folder**
- **Definition <name>.hotspot.xml**
- **Designated folder for media files**
  - <Project>/Hotspot/<Folder>
- **Export Folder**
  - <Project>/Hotspot/<Folder>/Export
  - Media (Images stored in MUID_G named folders)
  - Media_Single (Images stored in a single folder
  - Export Layer (geojson, SHP, KML, CSV)
  - Export Fans (geojson, SHP, CSV)



What is the 360 Hotspot Builder?

- **Toolbox to build a hotspot layer**
- **Import points or create from scratch**
- **Import geotagged photo & pano files**
- **Export layer to geojson and shp**
- **Create URL for web share**
- **Generate camera info for 3d annotations**



Hot spot builder interface...

- Layer Creation
- Scan Geotagged photos
- Preview Image
- Export to GIS / Cloud
- Set Defaults
- Update Data Columns
- Import Hotspot Layers and XML Layers
- Fix Photo Orientation
- Generate 3D Camera Parameters