

Virtual Navigator™ Pro

Product Overview

Virtual Navigator™ Pro is a desktop solution for streaming point cloud data and images in a dynamic 360° multi-user environment. The synchronized overlay of point cloud and image makes Virtual Navigator™ Pro a must have for Visualization, Measurements and Asset Extraction of Mobile LiDAR data. Designed for all scale of Mobile LiDAR; Virtual Navigator™ Pro is ideal for access of city, county and state-wide LiDAR data hosted in a Data Server or Cloud Server.

Highlights

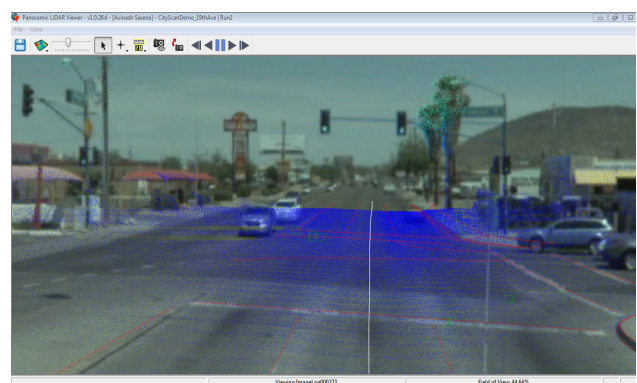
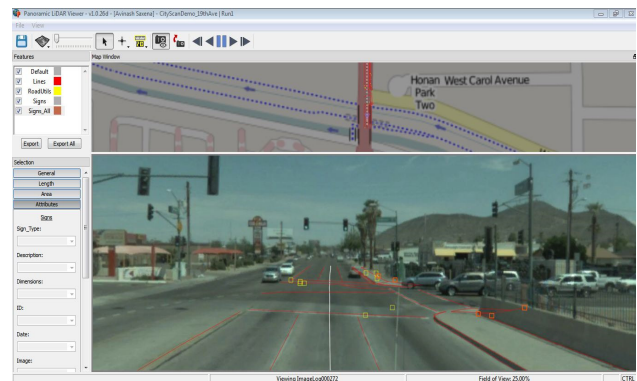
- Agile client-server architecture
- High speed streaming with multi-user access
- Ability to handle large amounts of data*
- Cloud based data hosting capability
- Collaborative multi-user workspace
- Real-time communication between the users
- Ability to overlay point cloud data over images
- Integrated location based real time map window
- Real time updating of 3D view with extracted features
- Visualize point cloud in Elevation, Intensity or RGB mode
- Dynamic coordinates display in latitude/longitude
- Field of view visualization for better sense of orientation
- Point Cloud transparency
- Easy 3D and 2D measurement tools including length and area
- Virtual drive-through with controls
- Dynamic Google Earth integration
- Image enhancement capability
- Dynamic display of measurements in Feet or Meters

* Current customers regularly access entire county roadway networks and files exceeding 5 TB

Feature Extraction

- Simultaneous updating of the assets database by multiple users
- Import and Export shape files
- Customizable attribute templates for feature extraction
- Extraction of Point, Line and Polygon features

Note: Requires access to Virtual Navigator Server



Virtual Geomatics, Inc.

12741 Research Blvd. Suite 403

Austin, TX 78759

www.virtualgeomatics.com

512.524.2411 Office

877.VG4D WIN ext. 111

info@virtualgeomatics.com