

FOR IMMEDIATE RELEASE

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Contact:
Kristen Bouchard
kbouchard@uGRID.com
Chicago, Illinois

uGRID Releases uPANO 2.0 www.uGRID.com

uGRID Corporation is proud to announce the release of its 3D data viewer **uPANO 2.0**. Continuing on the success of uPANO 1.0 to 1.7, **uPANO 2.0** is outfitted with revolutionary improvements. These new improvements, coupled with the flexibility of the overall uGRID platform, establish **uPANO 2.0** as the most powerful web-based viewer available on the market to date. uGRID's platform is a web-based solution for infrastructure professionals to easily SHOW, SHARE, HOST and FIND infrastructure big data. The platform interfaces with all common data formats used in the infrastructure lifecycle and publishes the data over web-based interactive maps.

The new **uPANO 2.0** viewer handles 3D data in panoramic views, accessed from vantage points overlaid on an interactive map. It differs from conventional viewers because **uPANO 2.0** allows extremely precise LiDAR data point picking while not compromising performance. This is accomplished via an upgrade to the uPANO 1.7 engine that now allows users to load and utilize actual LiDAR data. This upgrade greatly improves on competitors' using of imagery, localized surface modeling, and closest-neighbor algorithms. Making the platform even more appealing, uPANO is operable on any device with a web browser, accessed anywhere in the world 24/7/365, does not require additional software or plug-ins, nor any special training to operate.

To assist users in data point picking and edge identification, a number of advanced computer visualization technologies are employed in **uPANO 2.0**. These visualization features include: user adjustable point size, point shading, grayscaling by depth, and uGRID's innovative Spotlight feature. When Spotlight is used, a small sample of LiDAR data is loaded dynamically in the viewer around the user's cursor. This not only allows seamless use of the viewer on devices with lower grade graphics cards, but also keeps users focused on the area of interest. This ingenious combination of features allows users to balance visualization effects and device performance better than ever before. The uPANO viewer is currently deployed in LiDAR2Map, Scan2Map, and CAD2Pano products.



In addition to the features mentioned above, **uPANO 2.0** now offers the ability to switch between panoramic imagery and LiDAR views, alter the number of visible neighboring vantage positions, and jump between multiple common units of measurement (usFT, feet, meter) on-the-fly. Also new in this release is the first glimpse of uGRID's linear referencing system (LRS). When extracting feature points, the uGRID's LRS can compute, display, and export stationing (mile post or kilometeric point) and offset, XYZ coordinates, and point descriptions, adding to uGRID's ability to disseminate project data.

To test **uPANO 2.0** right now, please visit <http://about.ugrid.com/products/uPANO/>.

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