Unlock the true potential of your imagery

Icaros Measurement Tool (IMT™) provides unconstrained access to your aerial oblique imagery. Built on Esri® GIS software, IMT™ seamlessly and directly leverages your GIS data, combined with highly-accurate vertical and horizontal measurement tools.

IMT™ supports many data sources through standard imagery and orientation data formats. Sub-pixel positional accuracy can be achieved for the oblique imagery through automatic aerial triangulation, ground control, and bundle block adjustment using Icaros OneButton™ Professional Mapper.
**IMT is a tool** created to support users’ needs to see points of interest instead of a field visit and precisely measure features on their desktop. Specific features include:

- **Navigate imagery by address and coordinates:** Allows user to quickly find imagery by entering an address or coordinates of a point of interest.

- **Measure horizontal and vertical features:** Accurately measure linear and area features in 2D space within a single image. Tools support structure displacement enabling accurate measurements on roof tops.

- **Integrate ArcGIS software and data:** Native support for all Esri GIS datasets including geodatabases, feature styles, and ArcMap (mxd) document.

- **Uses projected coordinate space:** Direct support for user preferred map projection (i.e. UTM, state plane) without need for transformation.

- **Precise image georegistration:** Incorporates image position metadata enhanced through ground control and automatic aerial triangulation created using OneButton™ Professional Mapper.

**Icaros, Inc.** is a leading advanced remote sensing technology and solutions provider, offering global clients mission-critical imagery and related geospatial data and tools. Since 2004, Icaros has delivered high-quality, precise aerial imagery cameras and software to organizations and governments around the world. The Fairfax, Virginia based company has developed advanced software for precise, geospatially accurate photogrammetric production, advanced RGB, thermal, nadir and oblique aerial sensor systems, and analytical tools support oblique imagery and 3D data creation. Icaros is an Esri® Silver Tier Partner.

**Quickly find your area of interest by entering street address**

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