

# Top 10 Reasons to Use LPS

1. **We help you CREATE geospatial data.** LPS efficiently transforms raw imagery into highly accurate oriented images and digital orthophotos.
2. **We EXTRACT 3D information.** After transforming your raw imagery into oriented images, value-added data products such as terrain and 3D vector data can be extracted from the imagery.
3. **We offer an INTEGRATED geospatial solution.** LPS is the only photogrammetric package that includes a full-suite of remote sensing and image processing tools. ERDAS IMAGINE Advantage is included as a part of LPS. ERDAS IMAGINE's technology for image viewing and pyramid generation is seamlessly integrated with LPS.
4. **We support COMPREHENSIVE photogrammetric workflows.** LPS enables production photogrammetry workflows, including project setup, aerial triangulation, stereo viewing, stereo terrain, feature extraction, orthophoto generation and image mosaicking.
5. **We have INTUITIVE tools.** Designed for ease of use, LPS features a workflow-oriented suite of photogrammetric production tools.
6. **We offer a FLEXIBLE solution.** LPS supports all manners of input data, including close-range photography, airborne and satellite imagery. We support all leading satellite sensor models and have tools for processing both scanned aerial and digital airborne photography. As a result, in one package you have full sensor model support for a variety of airborne, satellite and terrestrial sensors.
7. **We have the tools to build your 3D GIS.** With components such as PRO600, the LPS software suite provides tools to extract 3D vector data. 3D vector data is a key component for advanced geospatial analysis and decision support.
8. **We GENERATE high accuracy terrain products.** With the ability to automatically generate terrain data, LPS also supports stereo terrain editing as well as post-processing terrain capabilities.
9. **We support your WORKFLOW.** In addition to standard photogrammetric processing, LPS has the flexibility to support a variety of workflows to address your needs. The modular design ensures you have the tools needed to author your geospatial data content.
10. **We SUPPORT you.** With a global network of domain experts, we can quickly respond to your questions, support and training needs.