



Product Comparison Table

ERDAS IMAGINE

Functionality	Essentials	Advantage	Professional
Geographically connect files across viewers	•	•	•
Compress imagery into MrSID, ECW and JPEG2000 formats	•	•	•
Use more than 190 image and GIS data formats	•	•	•
Rapidly display and roam through imagery and LiDAR	•	•	•
Create and edit Shapefiles	•	•	•
Create and print maps in more than 1000 different projected coordinate systems	•	•	•
Display and analyse data directly from Esri Geodatabases, Oracle@10g and online services	•	•	•
2D, 3D and profile viewing of point clouds	•	•	•
Virtual mosaic of imagery	•	•	•
Polynomial-based rectification and reprojection of images	•	•	•
Batch processing	•	•	•
Easytrace ribbon, centerline and boundary feature capture	•	•	•
Simple unsupervised image classification	•	•	•
Parallel batch processing		•	•
Point cloud editing in 2D and profile view		•	•
RGB encode, filter, merge and split point cloud data		•	•
Orthorectify images		•	•
Advanced image mosaic into a single image or image tiles		•	•
Interpolate surfaces with more than 50 million points		•	•
Spatial, radiometric and spectral enhancement, including pan sharpening		•	•
Additional unsupervised image classification methods		•	•
Raster to Vector and Vector to Raster Conversion		•	•
Analyse information in radar images		•	•
Classification of point cloud data			•
Perform advanced multispectral image classification and segmentation			•
Perform graphical spatial modeling			•
Extract information from hyperspectral imagery			•

