

IMAGING LAND PORTFOLIO TRIDENT FEATURE LIST



	Trimble Trident Vision	Trimble Trident Analyst		
		for GIS	for Roadway Signs	for Spatial Imaging
DISPLAY AND PLAYBACK				
3D Map	✓	✓	✓	✓
Digital Imaging Playback	✓	✓	✓	✓
Point Cloud Viewing	✓	✓	✓	✓
Point Cloud Viewing using ROI	✓	✓	✓	✓
Blended Digital Imaging and Point Cloud	✓	✓	✓	✓
RGB Laser Colorizer			(✓)	✓
IMAGE / VIDEO MANIPULATION				
AVI to JPG Conversion (with Titling)		✓	✓	✓
AVI to AVI Segmentation		✓	✓	✓
Image Mosaic Generation		✓	✓	✓
DATA IMPORT AND EXPORT				
ODBC Database Connectivity	✓	✓	✓	✓
ESRI SHP Import and Export	Input Only	✓	✓	✓
DXF Import and Export	Input Only	✓	✓	✓
Land XML Export				✓
Point Cloud Export by Class		✓	✓	✓
Point Cloud - Trimble Custom ASCII Format	View Only	View Only	View Only	✓
Point Cloud - LAS 2.0	View Only	View Only	View Only	✓
Point Cloud - LAS 1.1 & 1.2				Export Only
ACCURACY MANAGEMENT				
Camera Boresight Calibration		✓	✓	✓
Laser Boresight Calibration Service			✓	✓
Control / Target Detection				✓
Point Cloud to Control / Target Registration				✓
Point Cloud to Point Cloud Registration				✓
MANUAL FEATURE EXTRACTION				
Photogrammetric Feature Add / Delete		✓	✓	✓
Point Cloud Feature Add / Delete		✓	✓	✓
3D Measurements (Point Cloud)	✓	✓	✓	✓
3D Measurements (Images)		✓	✓	✓
3D Plain Selection tool			✓	✓
3D Point Cloud Classification Tools		✓	✓	✓
LINEAR REFERENCING				
GPS to Linear Referencing Tool		✓	✓	✓
AUTOMATED EXTRACTION				
Pole Detection (with change detection)			✓	✓
Sign Detection (with change detection)			✓	✓
Sign Recognition			✓	✓
Sign Compiler			✓	✓
Sign Library			✓	✓
Edge Detection				✓
Centerline Detection				✓
Pavement Marking Detection			✓	✓
Road Modeler (DTM, Cross Sections, Profiles)				✓
Horizontal / Vertical Line of Sight				✓
Horizontal / Vertical Clearances				✓
eCognition Rule set Edge of Pavement			(✓)	✓
eCognition Rule set extendability			✓	✓

(✓) results are optimized for MX8 data