

		TerrainTools <sup>®</sup>	RoadEng <sup>®</sup>	RoadEng <sup>®</sup> with Softree Optimal	Softree Optimal
S/M	Traverse / P-Line Note Entry and Map Creation* (through the Survey Map Module)	✓	✓	✓	✗
TERRAIN MODULE	LiDAR Import & Thinning Control	✓	✓	✓	✗
	Data Import (incl. Total Station, .Shp, GPS et al)	✓	✓	✓	✗
	Mapping & Basic CAD Functions	✓	✓	✓	✗
	Terrain Modelling	✓	✓	✓	✗
	Profile Drafting and Design	✓	✓	✓	✗
	Grading & Site Design	✓	✓	✓	✗
	Volume Calculations & Reporting (non-corridor)	✓	✓	✓	✗
	Live Maps – Geo-referenced Web Imagery & DEM	✓	✓	✓	✗
	3D Perspective Display of Features & TIN Surfaces	✓	✓	✓	✗
	Drive-Through Mode	✓	✓	✓	✗
	Terrain Multi-Plot	✓	✓	✓	✗
	Cable Logging Deflection Analysis*	✓	✓	✓	✗
LOCATION MODULE	LandXML Surface import direct	✗	✓	✓	✓
	Corridor Alignment(s) Design	✗	✓	✓	✓
	Curve Design	✗	✓	✓	✓
	Cross Section Template Editing & Assignment	✗	✓	✓	✓
	Material Tracking: Mass Haul & Opti-Haul Outputs	✗	✓	✓	✓
	Sub Surface Display & Volume Calculations	✗	✓	✓	✓
	Smart Pits	✗	✓	✓	✓
	Culverts	✗	✓	✓	✗
	Design Time Costing	✗	✓	✓	✓
	Earthwork Optimization – Vertical Alignment	✗	✗	✓	✓
	Earthwork Optimization – Horizontal Alignment	✗	✗	✓	✓
Location Multi-Plot Report Builder	✗	✓	✓	✗	

\*Functionality available in the Forest Engineering Version only