## Trimble® RealWorks® Software Edition Comparison

Data Import and Basic Management	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Imports / exports of data		V	V	V	V
Coordinate frame (UCS) creation tool		V	V	V	V
Scan explorer	V	V	V	V	V
Visualization tools (examination, etc)	V	V	V	V	V
Sampling		V	V	V	V
Segmentation		V	V	V	V
Measurement	V	V	V	V	V
Clipping box extraction tool		V	V	V	V
RealColor (panoramic image matching tool)		V	V	٧	V
Point cloud auto-classification			V	V	V

Data Registration/ 3D Point Cloud	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Registration incl. target extraction & analysis		V	V	V	V
Bundle adjustment		V	V	V	V
Orientation tool		V	V	V	V
Geo-referencing		V	V	V	V
Registration reporting and station visualization		V	V	V	V
Registration visual check	V	V	V	V	V
Generate registration report	V	V	V	V	V

2D and 3D Deliverables	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Cutting plane	V	V	V	V	V
Feature coding		V	V	V	V
Contouring		V	V	V	V
2D easy line		V	V	V	V
Polyline drawing tool		V	V	V	V
Basic geometry fitting tool		V	V	V	V
Image matching		V	V	V	V
Key plan creation		V	V	V	V
Image rectification tool		V	V	V	V
Ortho projection tool		V	V	V	V
Mesh creation / editing		V	V	V	V
Volume calculation tool		V	V	V	V
Media tools		V	V	V	V



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Advanced Registration	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Target-less registration			V	V	V
Auto-register using planes			V	V	V
Refine registration using scans		V	V	V	V
Station setup			V	V	V
Import and register wizard			V	V	V

Advanced 3D Deliverables and Inspection	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Profile / cross section			V	V	V
Multi ortho projection			V	V	V
Easy profile			V	V	V
Profile matcher tool			V	V	V
2D inspection tool			V	V	V
Inspection map analyzer			V	V	V
Surface to model inspection tool			V	V	V
Twin surfaceinspection			V	V	V
3D inspection tool			V	V	V
3D inspection analyzer			V	V	V
Catenary drawing tool			V	V	V
FF / FL analysis			V	V	V
Floor inspection			V	V	V

Vertical applications	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Vertical storage tank calibration			V	V	V
Vertical storage tank inspection					V
Horizontal storage tank calibration					V
Tank secondary containment					V
Tank setup					V

3D CAD Model Generation	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Modeling tools				V	V
Easy pipe				V	V
Steel beam modeling				V	V
Steel catalog				V	V
Auto-Extract Cylinders				V	V
Geometry Visual Check				V	V
PDMS export				V	V
Center lines export				V	V
SketchUp® Pro link			V	V	V

Collaborate and Share	Viewer	BASE	ADV	ADV-MOD	ADV-TANK
Publisher			V	V	V
Video creator		V	V	V	V

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