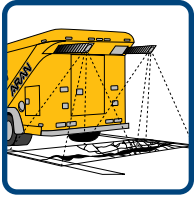
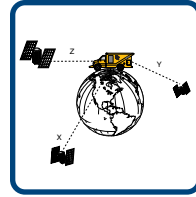


ROADWARE  **GRP**
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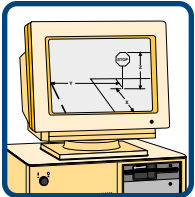
For information: 800-828- **ARAN**
+1 519-442-2264 International Clients



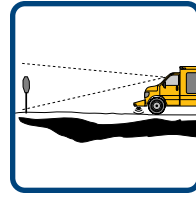
WiseCrax[®] is a fully automated crack detection system for pavement condition rating. WiseCrax helps to remove the subjectivity from pavement evaluation.



GPS (Global Positioning System) is used to determine the three dimensional coordinates in geographic space. GPS also provides latitude/longitude coordinates of roadway features to create maps using CAD and GIS.



Surveyor[™] Computer Scaled Video makes measurements from images recorded on video tape or other video recording media. Operators point and click to measure the location or size of signs and other road features.



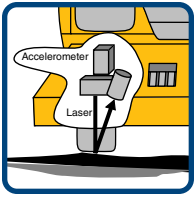
Panoramic Right-of-Way (ROW) Video produces videologs of the road right-of-way. Up to six cameras can record different perspectives (side view, rear view, etc.) simultaneously and synchronously.



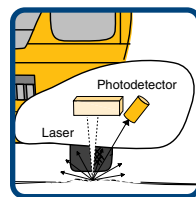
POS LV[™] (Position Orientation System for Land Vehicles) is a high precision geometrics system used to measure road crossfall, the radius and super-elevation of curves, and the grade of the road. The POS LV is capable of rod & level survey accuracy.



Laser XVP (Laser Transverse Profiler) uses dual scanning lasers to accurately measure the transverse profile and rutting of the road. When used with the POS LV, the Laser XVP can be used to capture profiles that are suitable for Digital Terrain Modeling (DTM).



Longitudinal Profile - The Laser SDP[™] produces a longitudinal profile of the road surface and determines the roughness of the road. International Roughness Index (IRI) and other indices are calculated in real-time.



Smart Texture measures the mega and macro texture of the pavement using a high speed laser mounted in the rutbar enclosure. These measurements provide an indication of surface friction.



Smart Rutbar is used to calculate the transverse road profile to determine the amount and severity of rutting. Special software calculates the mill and shim quantities of asphalt to restore proper crossfall.



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