

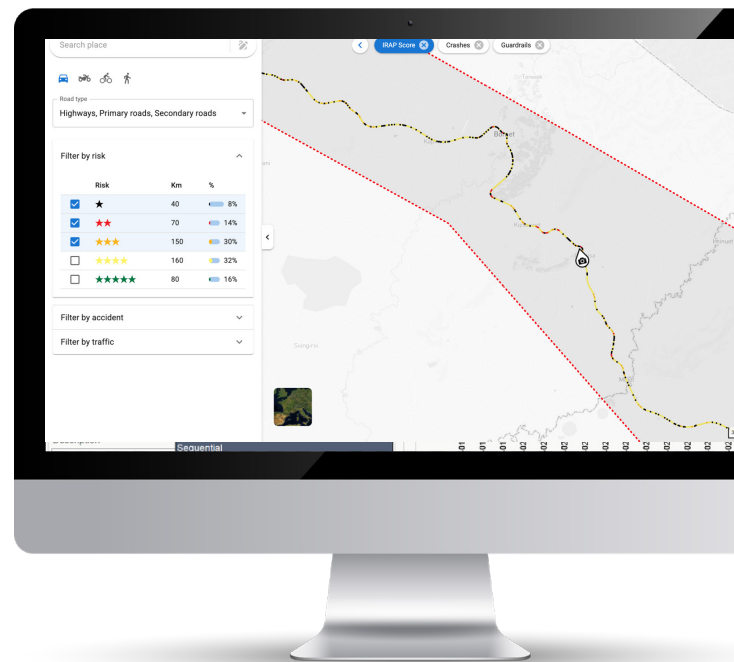
VERALYTIX SCAN

Faster iRAP Star Ratings Assessments

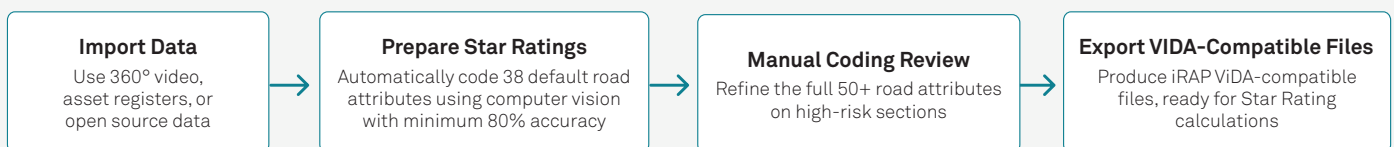
Road Assessments with iRAP Star Ratings

Proactively assess road risk and measure the impact of safety measures with the International Road Assessment Programme (iRAP) Star Ratings, a global standard for road assessments. Star Ratings provide an objective, risk-based measure of a road's safety level for vehicles, pedestrians, motorcyclists, and cyclists, with 0-star being the least safe and 5-star being the safest.

VERALYTIX Scan, formerly part of Transoft AssetMAPPER® Roads, is a web-based, AiRAP-accredited inspection system that guides road coders through the iRAP road coding process for iRAP Star Ratings. From uploading 360° video footage to exporting ViDA-ready data, it guides road coders through every step in a single, intuitive interface. The platform automatically extracts 38 of iRAP's total 57 road attributes from 360° footage and open-source data, allowing coders to focus on reviewing, refining, and completing the remaining attributes. The result is greater efficiency for producing accurate iRAP Star Ratings from start to finish.



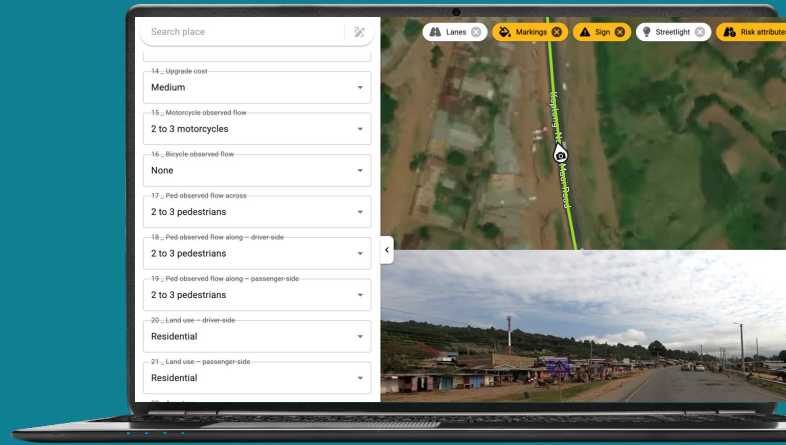
How Does it Work?



What can VERALYTIX Scan detect?

Using AI computer vision, VERALYTIX Scan automatically identifies road attributes including:

- Speed limit
- Roadside objects
- Signs, markings, lines
- Curvature
- Pavement defaults
- and more across 38 attributes



Advanced Capabilities

360° Video Capture & Computer Vision

Survey road networks of all sizes efficiently with GoPro Max cameras. Using the AiRAP-accredited method, AI computer vision automatically code road attributes from footage at scale, which can cover thousands of kilometers with consistent results.

End-to-End Road Coding

Automatically code 38 of iRAP's total 57 road attributes from video and open-source data. Review, refine, and complete the full attribute set through an intuitive, purpose-built coding interface, all within a single environment.

Seamless Web Application

Access, edit, and export data anytime through your web browser. No IT or local installation required.

ViDA-Ready Export

Export a standardized dataset that feeds directly into iRAP's ViDA engine. ViDA uses this data to produce Star Ratings scores and combines the Star Ratings with the FSI estimates to generate the Safer Roads Investment Plan (SRIP).

Key Benefits

Cut Coding Time from Weeks to Days

Access, edit, and export data anytime through your web browser. No IT or local installation required.

Deliver Accurate, and Consistent Output

Minimise human error and deliver consistent, standardised assessments that meet iRAP methodology requirements, every time, at any scale.

Gain Complete Network Visibility

Build a comprehensive asset risk register, combining road attributes and Star Ratings to get a complete view of your roads, identify high-risk locations and prioritise safety investments with confidence.

Scale Assessments Across Any Network

From single corridors to full network assessments, VERALYTIX Scan scales to meet your project needs, enabling proactive, evidence-based road safety decisions.

