

A BREAKTHROUGH IN AFFORDABILITY

At SHEPHERD we pride ourselves on delivering practical and innovative Asset Management solutions that work.

With over 20 years' experience in local government we understand the importance of accurate road survey data to inform condition-based models, renewal programs and forward budgets.

Our unique RACAS (Road Asset Condition Assessment System) is a powerful and cost-effective road asset survey tool that allows authorities to quickly capture condition data and develop renewal models, works programs and defect logs.

We've built RACAS from the ground-up to service an identified industry need, and we continue to innovate RACAS technology in response to our clients.

PRACTICAL | ACCURATE | PORTABLE | AFFORDABLE

Limited Budget? Limited Resources? Limited Time? RACAS is the answer, with user-friendly features and integrated technology that deliver outstanding value for money.

Set-up in minutes and mounted to any vehicle, Mobile RACAS works by capturing high resolution images every 10 to 15 metres, precision GPS and roughness data as you drive. Inside the vehicle, the Inspector uses a touchscreen to record points of interest during the survey.

Back at the office, data captured by Mobile RACAS can be viewed on Virtual RACAS (our reviewing tool) for desktop assessment or integrated with existing GIS and Asset Management systems.

ONE DATA SET – MULTIPLE APPLICATIONS

Equally suited for sealed and unsealed roads, once a RACAS run has been completed the road survey data can then be used for:

- Defect Logging and Road Condition Assessment
- Accurate Network Analysis and Modelling to inform forward budgets
- Develop Capital Renewal Works Programs

- Develop targeted Maintenance Programs to optimise budget spend
- Pre-disaster evidence of road condition (as required under NDRRA Reforms)
- Investigate road complaints without leaving the office
- Establish sealed and unsealed service levels with Council based on actual modelled costing
- Update Asset Management Plans and Long-Term Financial Plans
- Benchmarking against industry standard

OPTIONS TO SUIT YOUR BUDGET

There are several options available to procure the system depending on your budget, available internal resources and road network size.

RACAS can be hired and with one day of training your team will be up and running. RACAS is so user friendly that both technical and non-technical staff can be trained to perform a road survey.

For longer engagements the option to lease RACAS equipment is available.

Shepherd Services also offer a complete RACAS service including road surveying, defect logging and condition assessment through to producing three year works programs and GIS data. This service includes a complimentary license of Virtual RACAS and all the road RACAS imagery data.

Options can be tailored to suit individual requirements, so talk to us today.

INTERESTED?

Visit our [RACAS website](http://racas.com.au) to find out more or call Stephen Hegedus on 0417 076 345 to arrange an onsite or online demonstration.

