Desktop SURVAI



Road assessment for Australia, New Zealand and beyond

Fact Sheet

At a glance...

Desktop SURVAI is a complete condition assessment and works programming tool, purpose-built for regional councils and road authorities. Designed with simplicity and power in mind, Desktop SURVAI seamlessly handles sealed and unsealed networks across Australia and the South Pacific.

The low infrastructure footprint of the software makes it ideal for remote area road authorities whilst still providing powerful tools for reporting.

Condition assessments

Desktop SURVAI supports
Industry-Standard Surface Condition
Index (SCI) and Pavement Condition
Index (PCI) methodologies, delivering
meaningful insights that support
maintenance strategies, capital works
planning, and funding applications.

The user has control over all metrics including their weighting to align with adopted policies and asset management plans.

Seamless data outputs

The software produces ready-to-use reports and spatial outputs:

- Excel spreadsheets for tabular condition summaries and works plans
- ESRI Shapefiles for GIS integration and spatial analysis
- Formatted Valuation Outputs –
 Direct export to a specifically
 formatted file compatible with
 Asset Valuer Pro, supporting
 seamless integration for asset
 valuation processes

Powerful tools

A rich suite of integrated tools are included:

- Defect Logging Tool Quickly capture potholes, edge breaks, failures and more.
- Spatial & Data Join Tool Effortlessly combine spatial layers and datasets to update the register.
- Watermarking Tool Embedded location maps, roughness graph and a choice of text including chainage, location, timestamp, and road ID. etc
- → Works Programming Tool Prioritise and plan works using real-world costs, budgets, failure modes and intervention levels.
- → DRFA Tool Streamline your Natural Disaster Recovery reporting with formatted workbooks ready for submission.

Secure, Sovereign Data Storage

SURVAI Systems has been engineered with security as a top priority.
All data is hosted within Australia using high-security infrastructure.
By partnering with Australia Cloud, we ensure that your data remains not only on Australian soil but also managed by trusted Australian professionals — addressing any geo-political concerns and giving IT departments peace of mind.

Trusted and field-proven

SURVAI has been adopted by many local governments, road authorities and consultants across the region. It's backed by expert support and decades of experience in asset management innovation, giving your team the confidence to deliver smarter maintenance and capital works decisions.

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