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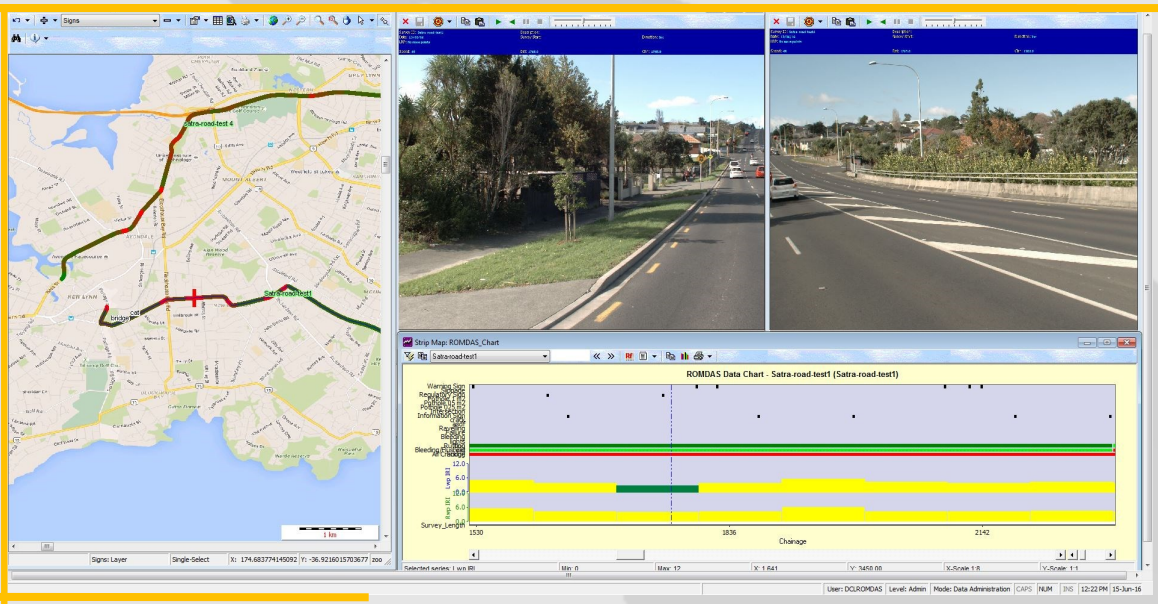

ROMDAS DataView

Post-processing software

iRAP survey supplier ACCREDITED

NODEM

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DataView

KEY FEATURES

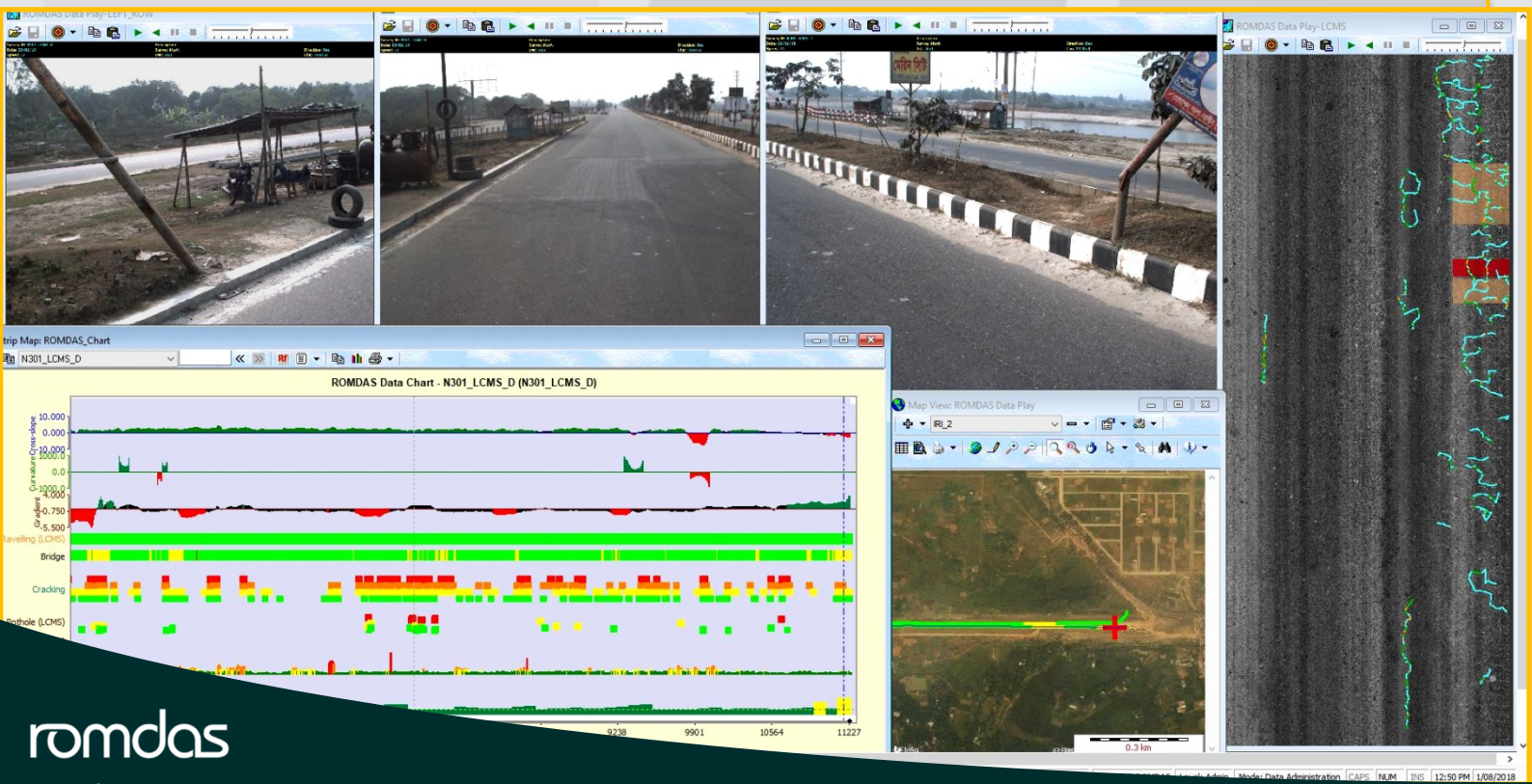
- Synchronized map, video and data viewing to assist with quality control,
- Video rating,
- Data presentation,
- GIS mapping of survey data,
- Advanced data integration,
- iRAP accredited coding version available,
- Customizable templates,
- Non-proprietary data formats (MS Access, .AVI, .JPEGs),
- Scalable: single desktop or department wide implementation,
- Prepare data and videos for use in ROMDAS Mobile Mapping software.

SAVE TIME AND EFFORT PROCESSING WITH DATAVIEW!

DataView is an office software used to perform a variety of post-processing and quality control functions on data collected by a ROMDAS system. These features can greatly assist ROMDAS users in efficiently managing their data. In addition to handling large volume of data, DataView also enable users to extract visible assets, inventory and condition data directly from survey videos and can create GIS map layers of all datasets. The aim of DataView is to streamline key office processes which, in turn, increases productivity and ensures users are getting the most out of their ROMDAS data.

APPLICATIONS

- Integrating ROMDAS survey data into a central database
- Quality control & data presentation by simultaneously 'playing' all data, videos and maps
- Creating an inventory of roadside assets from ROW videos
- Generating custom graphs and stripmaps
- Measuring the length and area of cracking, surface defects, lane width and more, directly from Pavement videos
- Quick generation of GIS map layers, exportable as generic .SHP and KML files
- Accredited to perform iRAP coding



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VIDEO RATING: IF YOU CAN SEE IT, YOU CAN RECORD IT!

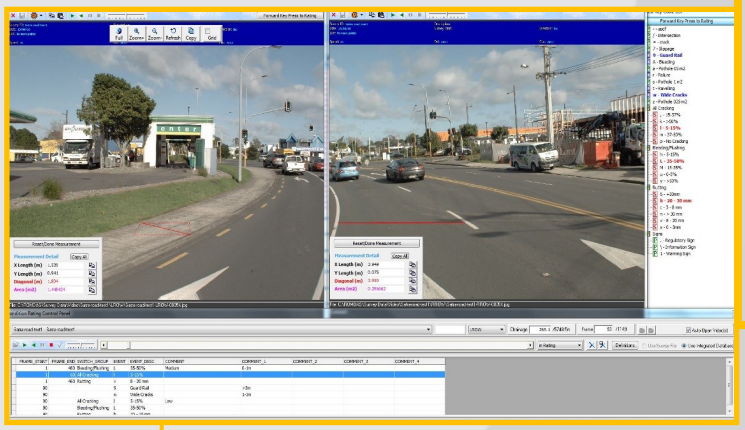
DataView's video rating feature is highly flexible. Users can create their own custom list of assets, events and conditions. They can then play the survey videos and record these keycodes at the touch on a button.

Compared to performing site inspections, video rating with DataView is safer. It is a permanent record that users can review and extract more information from in the future without additional site visits. This method also increases the accuracy and variety of data as compared to manual rating by an operator when surveying.

Using this feature, users can view images from multiple survey cameras and save images to clipboard for visual cataloguing of important events. All keycodes are referenced with Chainage and GPS data.

With a simple image calibration process, users can record horizontal length and area measurements from both ROW and Pavement images.

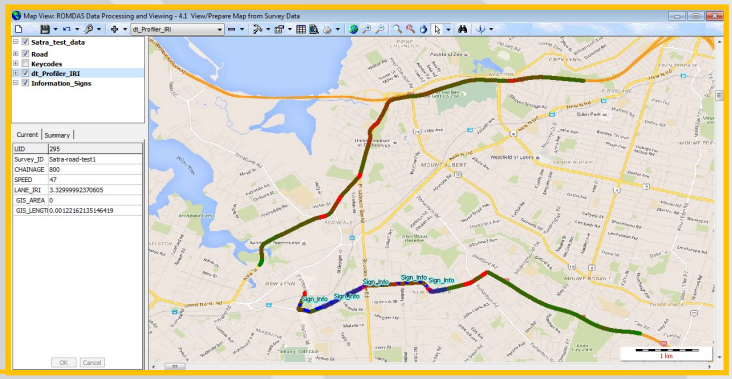
This feature transforms videos into quantifiable data used by asset management systems for maintenance planning or creating detailed asset and inventory registers.



GIS MAPPING

With the industry trending more and more towards GIS mapping, DataView includes features for creating and exporting GIS layers for all data collected by a ROMDAS system.

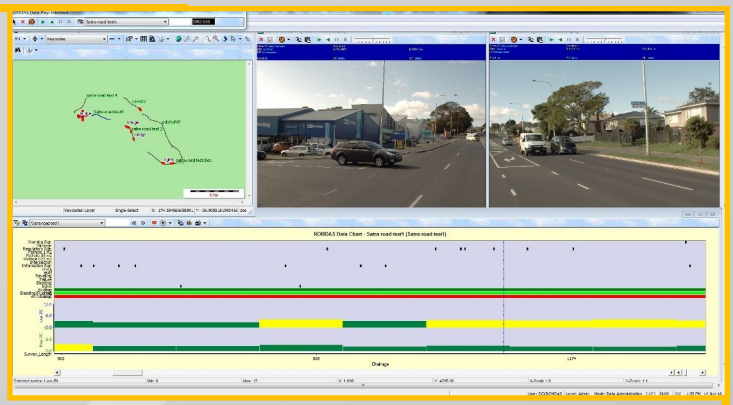
Maps can be quickly created and formatted using DataView's GIS interface. The detailed maps can be displayed alongside other data during synchronized viewing, or exported as .SHP, .KML or MapInfo files for use in 3rd party mapping software.



SYNCHRONIZED VIEWING

Integrate individual survey files into one central database. Then view all data simultaneously in user defined charts and maps.

During synchronized viewing all videos, GIS maps and charts are linked by chainage. This means users can quickly skip to specific locations by clicking on the map or chart. Especially helpful when performing quality control on data, as well as an easy way for end users to visualize the variety of data collected during a project.



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iRAP ACCREDITED

iRAP is an international charitable organization aimed at increasing road safety worldwide. Part of the iRAP process involves collecting video and GPS data, then performing video 'coding' of attributes relating to road safety.

ROMDAS systems have been accredited to perform data collection and coding for iRAP projects.

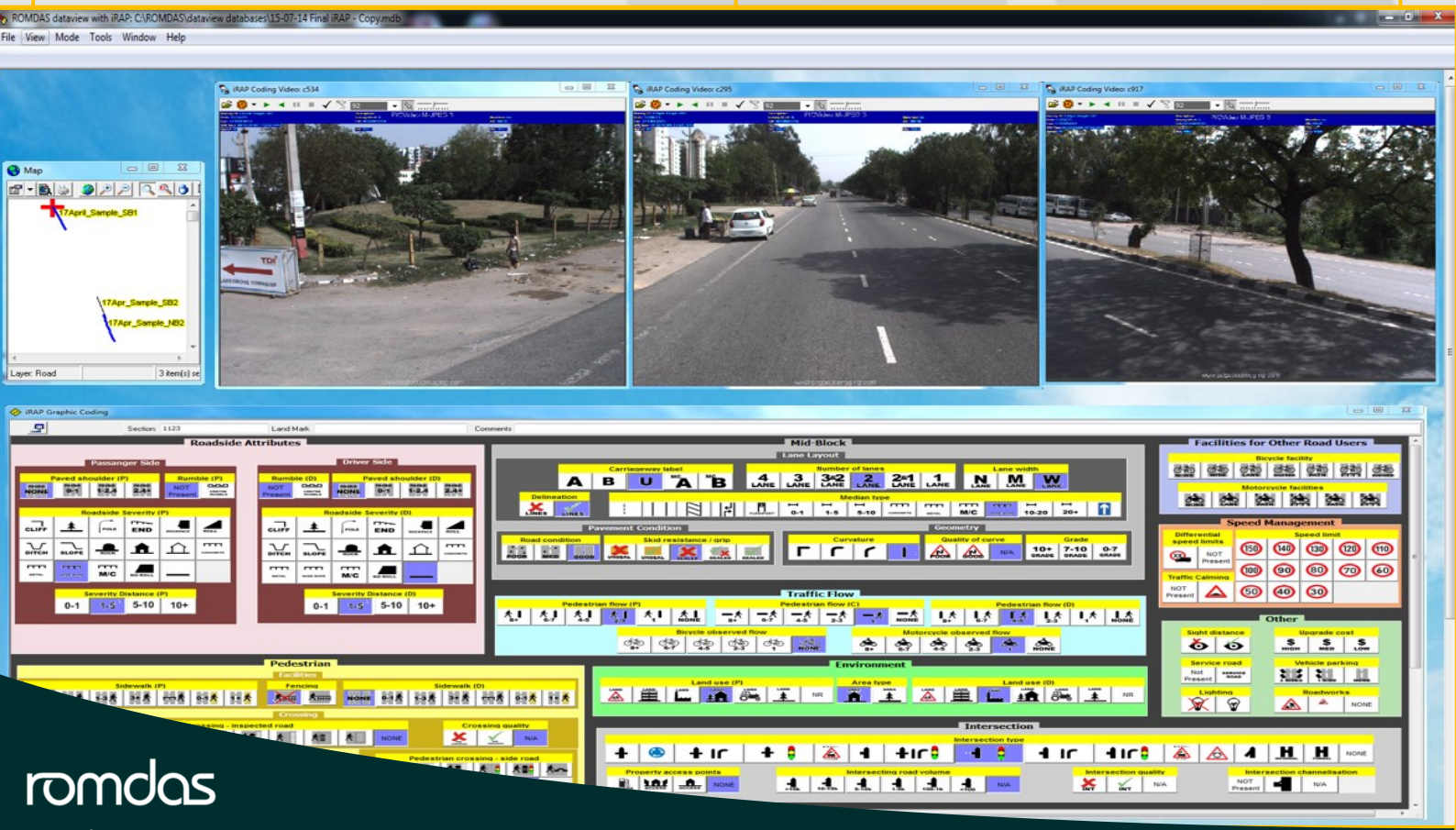
The iRAP version for DataView is designed with a user-friendly and customizable coding interface to perform fast and reliable coding. It can even use historical ROMDAS data to retroactively perform coding without the need to performing expensive dedicated surveys.

LICENSING OPTIONS

DataView is available for purchase as a single computer license or as a bulk package for department or national implementation.

DataView comes as a lifetime license and is not subject to mandatory annual subscription fees.

A viewing only license is also available. It is used exclusively to perform the synchronized data viewing feature on already completed databases. These low cost licenses are ideal to give to clients as part of project deliverables which will then allow them to perform synchronized viewing of processed data.



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