

# On the edge

## LATEST NEWS

**MMO** - Reflect for Motorways has been released for RMS NSW on Pilot 400km section of Hume Hwy

**RECOVER RELEASE** — Work module in Recover next month along with improved NDRAA and QRA Treatment Type reporting to Form 4 and other outputs

## VIGIL ROLLS OUT TO TMR QUEENSLAND

The Vigil Surveillance Solution is to be used in six districts across Qld to improve communications between RMPC service providers and TMR

## VICTORIAN RECOVER SITES

Cardinia and Loddon Councils join Manningham City in Victoria to use Recover, joining 45 other councils in NSW and QLD

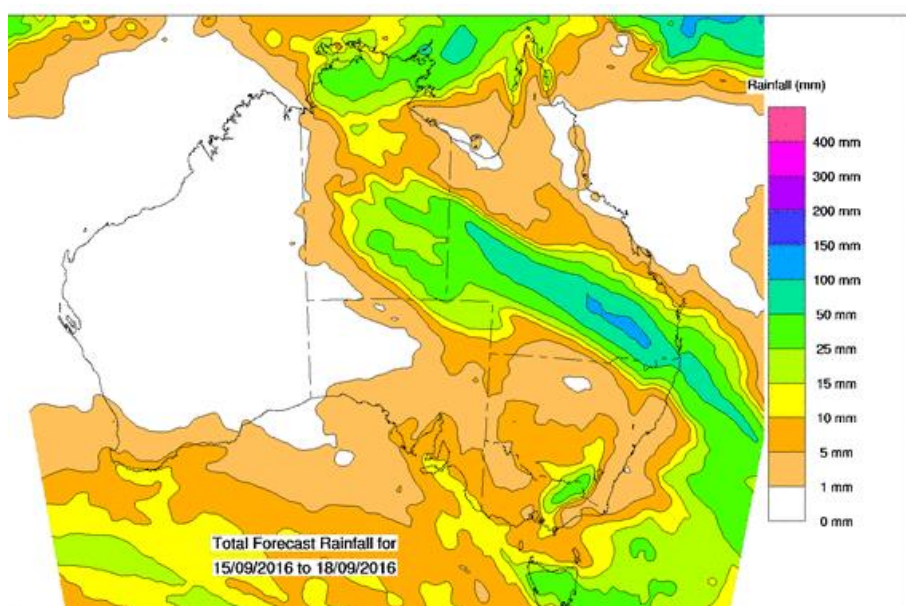
## IPWEA / TAMS CONFERENCE TASSIE

Asset Edge will be exhibiting at the upcoming conference on the 28th and 29th October in Prospectvale. We are very much looking forward to meeting our existing users and introducing our software to Local Government in Tasmania

## IS YOUR COUNCIL RECOVER READY?



Eastern Australia is receiving abnormally high rainfalls in 2016 resulting in flooding and inevitable infrastructure damage. Asset Edge provides Australia's leading NDRRA damage collection free of charge to all councils—an event fee is only payable on declared event. *Read more on Page 2*



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## Version Checks



It is always important to check whether you are running the most recent version of the software. If not call support on 1300 219 552 .

*\* Product version at the time of printing the newsletter*



Windows	Android
2016.8.6.2	2016.9.4
Not available	2.0.2.1
Not available	1.2.3.3
Not available	2.0.2.2
1.4.7.2	Not available

## Software Solution Consultant Maintenance Management Newcastle, NSW

Asset Edge is Australia's leading provider of mobile software solutions to Local and State Government.

We are seeking a suitable applicant to join the team in our Heatherbrae Office to support clients of our Reflect, Vigil and Recover applications.

**Required Skills** Excellent communicator, deliver projects for Councils and Authorities on time, training of groups and enjoys working in a flexible and rewarding environment.

**Desirable Experience** Maintenance Management Software, Asset Management, GIS, RMCC knowledge, Data analysis and reporting, 5 years minimum Highway Maintenance or Local Government technical experience.

**Salary** \$75,000 - \$100,000 (incl private car use, super, additional performance bonus paid after 12 months service).

Applications close 4.00pm Friday 21st October 2016

How to enquire or apply:

Go to [www.assetedge.com.au](http://www.assetedge.com.au) and download the Position Description and Job Application Form

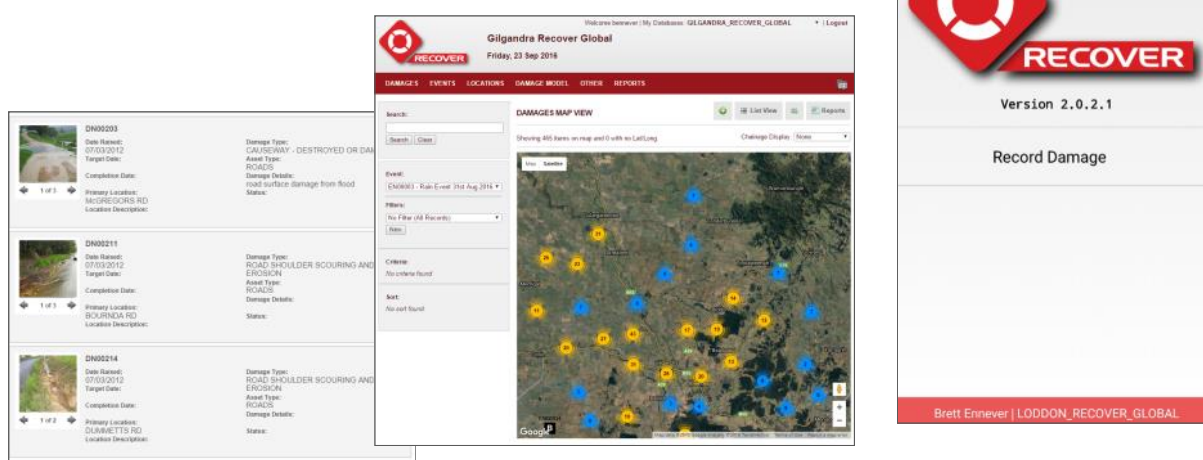


# On the edge

## Recover - Available to all councils (cont.)

Recover is Australia's leading Natural Disaster Damage collection software. The software is extremely powerful and easy to use. Features include;

- > Rapid Damage collection (images, chainage and quantities)
- > Centralised Web Portal to analyse all damage and prepare applications
- > Outputs to customised electronic and printable reports



Item	Description	Cost (excl GST)
Recover Licence	The enterprise license is for unlimited users and devices for Android and Web version of Recover software for the duration of the agreement	No fee
Recover Upgrades and fixes	All software releases for Android and Web versions. Form Updates as required by State Authorities	No fee
Recover Help Desk Support	Phone support business hours 9am-5pm AEDST	No fee
Recover Data Hosting	All damage data information in images resides on AE dedicated servers	No fee
Recover Event Fee	Fixed Price per activated/declared event added into Recover Database	\$5000
Recover Training	New councils receive half day introduction to Recover - Be prepared. Refresher training for existing councils available—quote can be provided	No fee
Recover Database Setup	Setup as required by council for Roads and Infrastructure. All data to be provided by council in requested format	No fee

### What are the steps required to register to be a new Recover Council today?

1. Email support [support@assetedge.com.au](mailto:support@assetedge.com.au) requesting us contact your organisation. (Provide Full Name of Contact Person, contact number and email address). We will send you some documents
2. Complete details and return a Recover License Agreement to Asset Edge
3. Provide Asset Information Road Register and/or Map Layers and Chainages to AE for Data setup

# On the edge

## Reflect for Motorways (RFM)

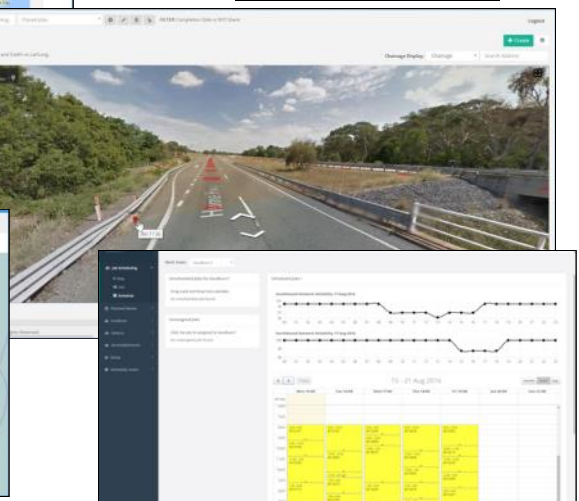
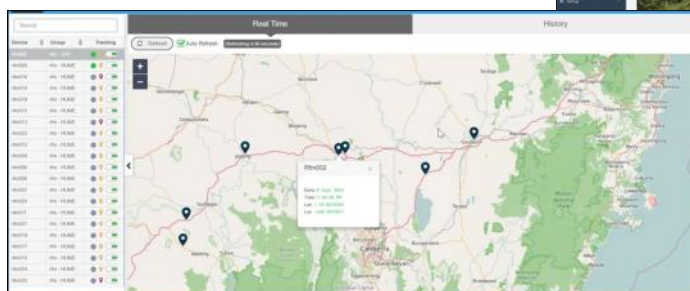
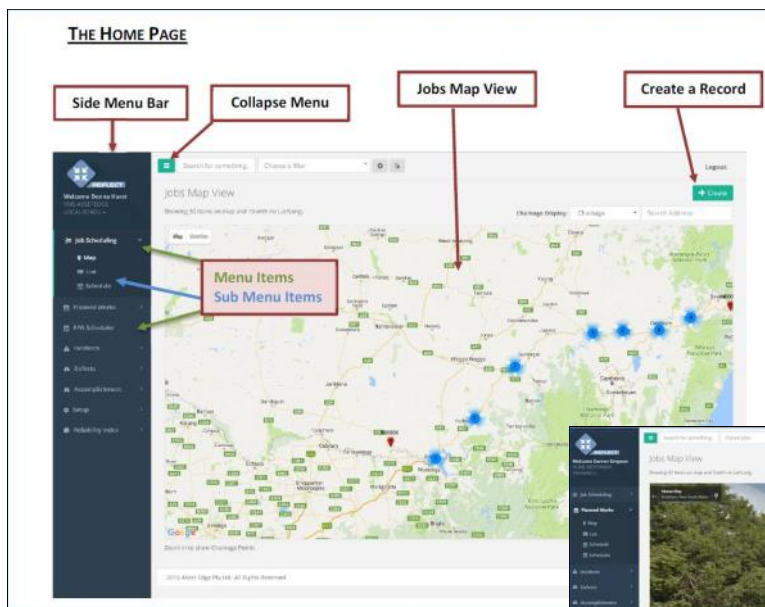
In June of 2016 RMS of NSW approached Asset Edge with the need to:

*“design and construct a Regional Control Centre to manage the Hume Highway from Mittagong to Albury. The Regional Control Centre is to be the resource hub for Maintenance Scheduling, proactive Incident Management and effective Network management”*

The Reflect for Motorways Incident & Maintenance Management System (RFM) was born and has been designed and developed to support the following activities:

- Generating Planned Works (including Inspections)
- Raising Defects
- Raising Incidents
- Combining one or more Defects, Planned Works and/or Incidents into Jobs
- Assigning Jobs to Work Teams
- Recording Job completion
- Recording Routine Maintenance

RFM is uses only web and android user interfaces and the data is hosted by Asset Edge. RFM in many ways can be considered the next generation of Reflect. Work Crews tracking, Live video feeds and Network Impact tools are all to form a part of the Reflect for Motorways solution





# On the **e**edge

## NSW Amalgamations - need some help?



Asset Edge has met with many of the newly formed councils in New South Wales and are currently assisting others with issues such as database merging and RMCC management.

The challenge for many of these sites currently is the unstable structure of job roles as the new entity formulates a road map for the best way forward. In many cases it has been pleasing to see an acknowledgement of new roles such as Asset Inspectors, Maintenance Coordinators and even Technical staff placed at depots to assist with the delivery of maintenance and work programs.

The change is also forcing review of policies and procedures along with hardware used by those in the field. From a Reflect and Recover perspective the highest priority needs to be with the amalgamation of assets and also the agreement on activity and defect models.



## Queensland continues to love the Asset Edge Solutions

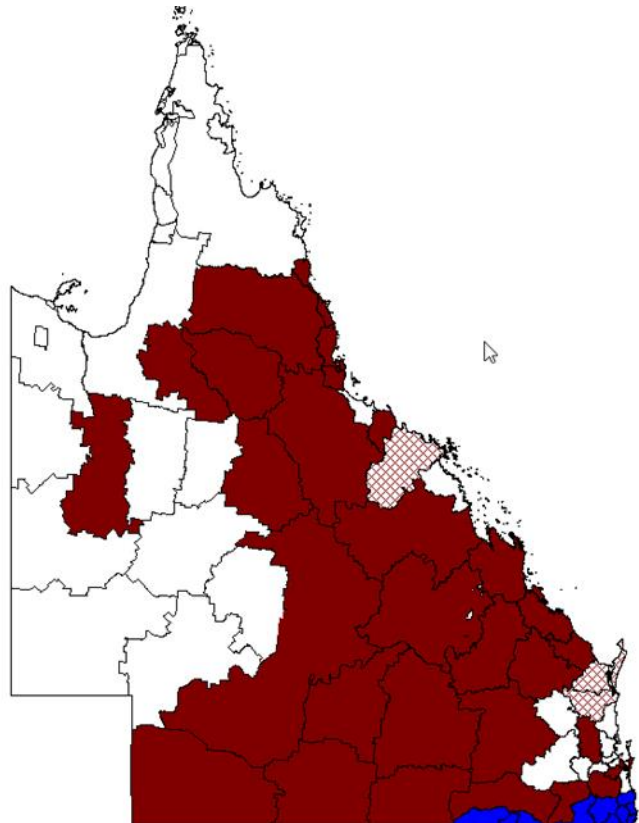
The numbers of councils using Asset Edge software increases almost weekly. The rise is a result of the adoption of Reflect for managing RMPC (Road Maintenance Performance Contracts for Councils) across the state.

However it is not long before Inspectors and Maintenance Engineers signal intentions to utilise Reflect on other assets like local road networks, footpaths and open spaces.

The demand for demonstrations is still high we are hopeful that the rural and remote LGA's in the North West and Central West of the state will soon be joining the Asset Edge family.

Other products like Recover and Signum are a natural flow on as council become accustomed to mobile technology and the benefits in time and cost savings that come with these new work practices.

2017 is looking again looking very positive as Asset Edge continues to create stronger alliances with the Private Sector and State Authorities.



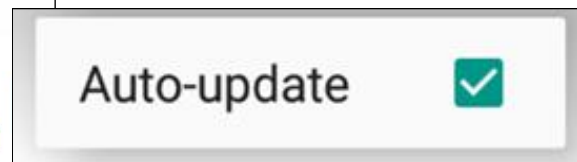
# On the edge

## Reflect Android News

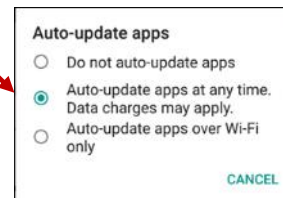
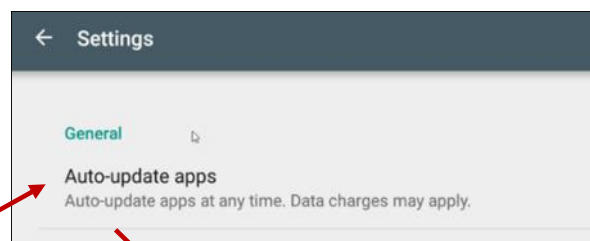
### Auto Update Reflect App on Android.

It is important that all Android Users have the latest version of the mobile application on their devices. The versions are released by our developers to add enhancements and also fix any identified bugs in the software which may or may not impact on your work. We have provided some tips to ensure you are running the latest version.

**Tip 1 . When you original download the Reflect App make sure that you select Auto Update option in the top right menu option.**



**Tip 2 . Make sure that the Device allows Version Updates at any time (LTE and Wifi)**



### Notes:

The device will check for updates when in connection with the PlayStore - there is no check frequency

The are no software fees for version updates

The same principal applies for Recover, Signum, Nemus and Vigil Android apps

Check with your IT department if any Security Software is installed to restrict downloads on the device

# On the edge

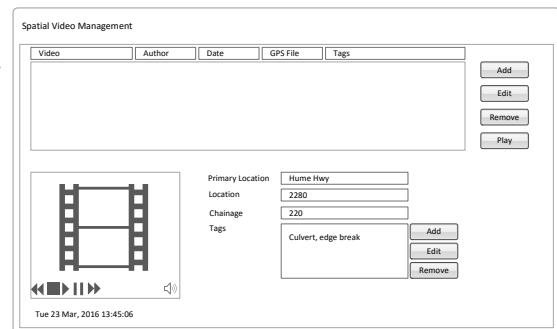
## Reflect Development News



### A Conceptual Overview of the Spatially Enabled Video Management Facilities

**Overview** - With the rapid uptake of 'dash cams' and related technology it is becoming increasingly important to be able to store and analyse large quantities of video. Furthermore, this video can contain spatial data, thus enriching it even further. Asset Edge has developed a spatial video management system that is not only capable of storing large video files for long periods of time but also provides powerful tag and search facilities for rapid analysis and reporting. Integrating these features with the Recover and Reflect Software Systems then provides capabilities previously only dreamt of. (we probably did say it couldn't happen ? - well it can!! )

**Spatial Video File Formats** - There is no industry standard when it comes to capturing and storing spatial information against video. This has required a number of format readers to be developed that are capable of automatically identifying format and uploading against video appropriately. Regardless of format however, the spatial file that accompanies video typically holds, at a minimum, the date and time, the latitude and the longitude. Basically, it is possible to identify the location the video was taken at specific points in time and therefore allows a video to be played back from a specific spatial location.



**Video Storage Location** - Video files tend to be large. Most video is now shot at high definition 1080p. At this resolution a 60 minutes video results in a file of approximately 25 Gbytes. Clearly, storage (both long and short term) is an issue. Asset Edge has developed a method overcoming file sizes and viewing performance and quality. The option to store video on a local, private, or hosted server is all possible.

**Web Management** - A web management console provides an interface to upload video to a specific storage location. It allows searching and playback of all stored videos. It also allows the (optionally) associated spatial data file to be uploaded into a management database. This spatial file, and the associated ability to 'tag' video, is where the real power comes from.

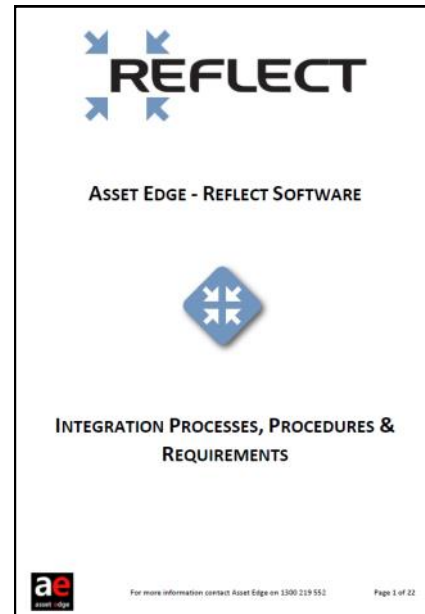
**In-Map Playback** - A Video playback may be superimposed over a map layer, this providing greater context and far richer information presentation.



# On the **e**edge

## Integrating Systems

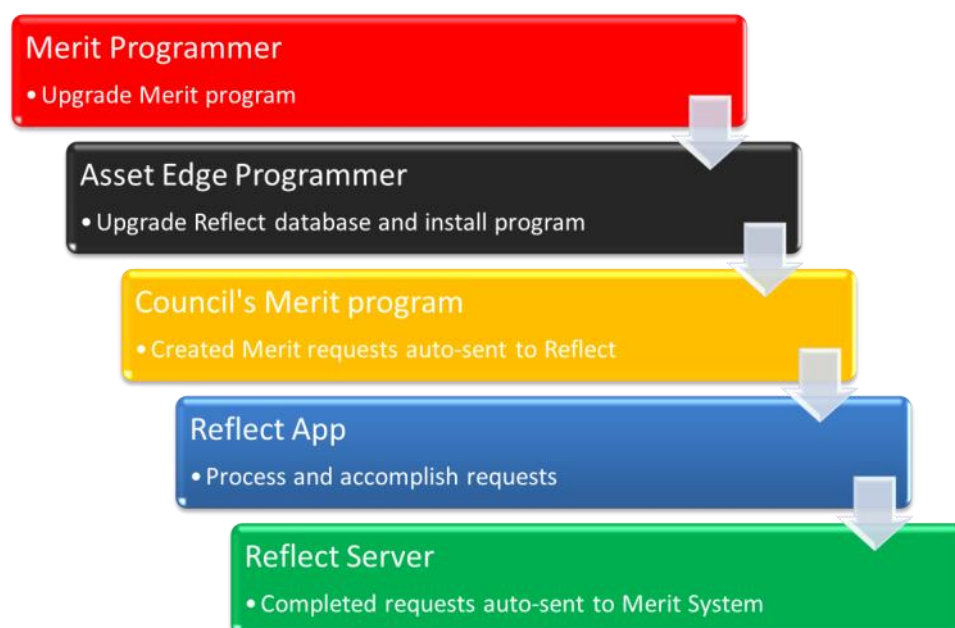
There are several calls every week from councils requesting that the data collected in Reflect be shared with other systems like Asset Management Software, Geographical Information Systems (GIS), Financial Systems and Customer Request Systems (CRMs). This sharing of data can save hours of work, double entry and also produce fast and accurate information for those who require it. Asset Edge has been open to integration for many years and it is only now that larger corporate systems including Civica and Technology One are allowing information to be read from and written to their main frame and cloud based solutions. For more information you can request documentation from our support desk 1300 219552.



### CASE STUDY - NAMBUCCA SHIRE COUNCIL

Asset Edge has worked in coordination with Nambucca Shire Council and Merit to create a system that automates the processing and update of "Requests" created through Nambucca's Merit CRM system. This system has been tested in July/August and has been deployed to production this month.

If your council uses Merit (or other CRM) and wish to have a similar integration done, please enquire from Asset Edge support. The upgrade requires coordination with Asset Edge, Merit I.T. and council staff (e.g. I.T. or tech personnel) for scheduling installations, testing (optional) and approvals. The upgrade procedure is as summarised:





# On the **e**edge

## Asset Edge Training Services



### Junee Shire Council, NSW

The council has been a long-time user of Reflect and moving to a mobile environment for field data recording of both Defects and Accomplishments. All outdoor staff underwent basic Android Introduction Training and the devices were well received by all. A second day of training concentrated on Intermediate Reflect Windows training with focus on Local Roads, Footpaths and Sewer. Thanks to Narelle, Braiden, Justin, Sherri and Will for making the training event such a success.

### Western Downs Regional Council, QLD

The WDRC is quickly establishing itself as one of the largest Reflect Users in Queensland. Android and Windows training was held over three days with Field staff receiving the bulk of the attention when provided Android Tablets. Almost all crews now have access to an electronic device to display road chainage and record work. Inspectors have been recording defects for the RMPC database for some time now and doing a great job. The focus now is to complete the rollout of Reflect for the road assets and commence the Buildings and Bridges database during the spring. A big thanks to Dawn Pederson for coordinating all the training in Dalby



### Isaac Regional Council, QLD

A one day training day was performed in Dysart QLD for Reflect Users and Managers. ISC is an extremely large council with attendees travelling from Moranbah, Clermont and St Lawrence. The morning session focused on the software and the afternoon time was spent developing an action plan for further Reflect improvements and utilisation across the council area. Thanks to Ann, Jill and Luke for coordinating the training event.





# On the edge

**StateGrowth**



**Stornoway**



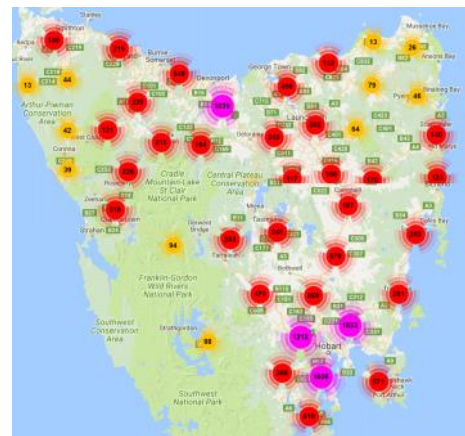
**Tasmania**

StateGrowth (Tasmanian State Transport Authority) are a prolific user of the Reflect Software. After a startup in 2014 the remaining region in Tasmania 'North West' has come online and is now utilising Reflect for the State road network inspection and maintenance from the 1<sup>st</sup> July 2016.

The addition of this last region makes a total of 3774Km of Road Network being maintained by Reflect including corridor assets such as Culverts, Rest Areas and Guardrail.

The Authority also has move to Web based Request reporting in Reflect. Calls and Service Requests are received at several larger centres and the details entered through the Web version. All details are then automatically emailed to a responsible officer for inspection and or rectification.

Asset Edge recently trained Stategrowth and Stornoway Staff at three venues across the apple isle. The software is also used for the management of State Road Assets on Bruny, King and Flinders islands located off the Tasmanian mainland.



## TASMANIAN COMBINED ASSOCIATION CONFERENCE 28th and 29th October - Launceston

Asset Edge will be attending the conference at the end of next month as an exhibitor to showcase the suite of solutions available to Local Government. Many councils have already had exposure to Reflect through the high-way contracts across the state.

The two day event will allow Asset Edge representatives to explain in detail how the mobile solutions work and what benefits can be gained by the council. We are excited about growing our client base in Tasmania and the combined IPWEA - TAMS conference should be a perfect environment to kick things off. We look forward to seeing a big turnout and will report back on the conference highlights in the next newsletter.

For more information and registration go to <http://www.ipwea.org/events/calendar>



**IPWEA / TAMS 2016 Works and Engineering Conference**  
Oct 28 - 29, (ET)  
Prospect Vale, TAS, Australia



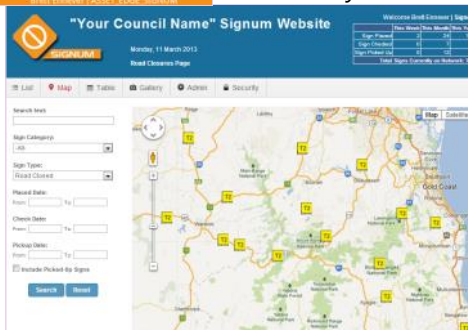
# On the edge

## Signum—Your complete Temporary Sign Management Solution



Signum provides the following benefits:

- Strong legal defence
- Collect all information in seconds on your smartphone
- Paperless system that logs GPS Location, images and date/time
- Efficient deployment and collection of all types of temporary signs
- Easily locate signs on the road network using council's Signum website



A Signum licence will cost \$1750 (excl GST) per annum and includes the use of unlimited number of devices in the field for recording signs. Also access to your council's secure Signum webpage where information on the signs can be viewed, analysed and reported.

For more information or a free Signum demo,  
E-mail: [support@assetedge.com.au](mailto:support@assetedge.com.au)  
Web: [www.assetedge.com.au](http://www.assetedge.com.au)



### Next Edition - Xmas 16

- Reflect Android - new features
- Recover Release - Restoration Module
- Training Services - what's on offer
- Electronic Forms - Tips and new features
- Council Reports from around Australia
- Vigil Queensland implementation of six districts
- Snapshot (we'll keep you guessing)

And much, much more

### ASSET EDGE TEAM MEMBERS -SOME CONTACTS TO KEEP HANDY [www.assetedge.com.au](http://www.assetedge.com.au)

<b>Support Desk 1300 219 552</b>	<a href="mailto:support@assetedge.com.au">support@assetedge.com.au</a>	<b>9 am to 5pm AEDST Weekdays</b>
<b>Brett Ennever</b>	<a href="mailto:bennever@assetedge.com.au">bennever@assetedge.com.au</a>	Solutions Consultant—All products
<b>Brendon Stevens</b>	<a href="mailto:bstevens@assetedge.com.au">bstevens@assetedge.com.au</a>	Solutions Consultant—All products
<b>Darren Simpson</b>	<a href="mailto:dsimpson@assetedge.com.au">dsimpson@assetedge.com.au</a>	Solutions Consultant—Reflect / Vigil / Control
<b>Donna Hurst</b>	<a href="mailto:dhurst@assetedge.com.au">dhurst@assetedge.com.au</a>	Solutions Consultant—Reflect / Recover / Restore
<b>Doug Beal</b>	<a href="mailto:dbeal@assetedge.com.au">dbeal@assetedge.com.au</a>	Solutions Consultant—Reflect / Qld RMPC
<b>Adrian Wheat</b>	<a href="mailto:awheat@assetedge.com.au">awheat@assetedge.com.au</a>	Android applications and Support / Signum
<b>Chris Guintu</b>	<a href="mailto:cguintu@assetedge.com.au">cguintu@assetedge.com.au</a>	Web Developer—Customer Support