



12 July 2007

Listech Pty Ltd  
21 Chandler Road  
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Attention: Steve Boniwell

Dear Steve

**RE: LISCAD SURVEY SOFTWARE**

We have been using the Liscad software (Surveying and Engineering Environment plus CAD) for more years than I can remember. I must congratulate Listech for producing a piece of software which can't be beaten when it comes to undertaking our day to day survey tasks. Brilliant software is made even better as enhancements and upgrades are rolled out on a regular basis.

Its key strengths from our point of view are:

- Ease of use
- Powerful tools providing fill functionality to undertake any conceivable task
- In-built quality assurance
- Interface with LandOnline

I would like to specifically elaborate on the last 2 items, QA and LandOnline. Clearly, QA is extremely important in any surveying operation, with field parties running around all over the place carrying out all sorts of surveys and setting out a huge number of points, be it building set outs, civil works or boundaries etc. Much of this set out work is done "on the fly" ie. traversing into a site and immediately being able to set out points by simply referring to point numbers on a diagram generated by Liscad in the office. But – how do we know that there are no errors in the traverse (for position and height) and that the points have been set out correctly? And what's more, how can we prove it with a documented paper trail? Easy if you have Liscad. Each day (on return to the office, or before heading out the next day), the field surveyors download the data card from the total station and within a few moments, they have generated a report which is placed in the file showing that all points surveyed are in the correct position, with all differences in North, East and Elevation tabulated. This is a very powerful tool for us which lets me sleep at night knowing that all our work is checked, particularly when we are under a lot of pressure and churning out jobs at a great rate of knots.

The other area of Liscad I would like to highlight, is the ability to easily transfer data into and out of LandOnline. This functionality alone has changed how we carry out all our survey work, resulting in huge efficiency and productivity gains to our business. As an example, let's say we needed to do a topo survey or set out a new building on a site. Gone are the days of typing data into traverse sheets on screen (from the underlying survey plans) to establish the boundary definition and survey control. All we do now is simply extract an XML file from the spatial window in LandOnline (from the Survey Digital Cadastre – SDC) and import straight into Liscad. A job that could often take 2 to 3 hours is now accomplished in 10-15 minutes.



Creating e-surveys in LandOnline is also a breeze with Liscad. All data (including mark capture, traverse / boundary capture, parcel capture etc) is quickly imported into LandOnline from an XML file output from Liscad. The parcels in LandOnline are also spatially linked automatically. Again, this capability saves hours of manual data entry that would otherwise be required.

Please pass on our thanks to your software developers. They have been directly responsible for improving our bottom line. Keep up the good work.

Regards

**A I Bates and Associates (2004) Ltd**

Steve Menzies  
Licensed Cadastral Surveyor  
*Managing Director*