Institute of Cadastral Surveying
ASaTS Feedback Survey

August 2017

Summary

- Survey conducted after previous ASaTS stakeholder engagement with ICS in February 2017
- Two key issues identified by ICS at that time
  1. Possibility that ASaTS front end/user interface might not be provided by LINZ (Questions 1 to 5). Preamble:

     LINZ are currently in the detailed design phase for ASaTS, the Advanced Survey and Titles System which is to replace Landonline. One aspect of the new system that is currently being considered is whether the survey component of ASaTS will have a user interface in the way that Landonline does, or whether all user interactions with the system could be via a third party software (for example 12d). The Institute of Cadastral Surveying is interested to hear surveyor's views on this.

  2. Possibility that CSD plans might no longer be required (Questions 6 to 9). Preamble:

     Another matter that is under discussion is whether the CSD (survey) plan will be a mandatory part of a CSD in future. LINZ acknowledge that the title plan is still required by title holders, solicitors and other stakeholders, but are considering the possibility that the CSD plan could be replaced, for example by a viewer program that enables the user to view and manipulate survey data extracted from the system. The Institute of Cadastral Surveying is interested to hear surveyor's views on this.

- Survey released via ICS Forum and Mailout, also on NZIS Cadastral Stream LinkedIn group
  - 10 questions
  - 21 Responses
  - 12 from ICS or dual members – 30% of ICS membership
  - 9 from non-members

Question 1: Do you currently use third party software?
21 Responses
Yes: 85% (18/21)
No: 15%

Comments predominantly to the effect that 12d is the third party software in use, although one response indicated NZTrav paired with CivilCad, or that none is used as it offers no advantage.

Question 2: If you do use third party software, do you think this works well with current Landonline System
1 (Works very poorly) – 5(Works very well)
19 responses. Average score 3.61

Comments:
- *It is set up to be able to work well, some of the functionality is lacking.*
- *The transfer of attributes is poor. Some attributes remain and some are deleted when importing a dataset to Landonline from 12d. This effectively means re-correcting attributes once in Landonline which is a bit of a pain in my opinion.*
- *I like having only one way to complete the dataset, and don't need to rely on other software. In large organisations it can be very difficult to get software updated*
- *12d sometimes not very robust, and "fussy" about format etc. Combination problem with LandXML schema to be fair*
- *Interface with Landonline works for the majority of tasks, but some tasks such as creation of covenant parcels and doughnut parcels are not supported.*

Question 3: If you do use third party software, are you happy with the level of support you receive from the retailer or developer?

1 (Support is very poor) – 5(Support is Excellent)

19 responses. Average score 3.11

Comments:

- *12d provide excellent support*
- *I get the feeling that support is poor to adequate, although personally I haven't really got any real proof. 12d certainly don't seem to be pro-active in updating/upgrading the s/w nor offering support etc I like having only one way to complete the dataset, and don't need to rely on other software. In large organisations it can be very difficult to get software updated*
- *Often problems are explained as being a problem with Landonline rather than 12d. Customer support from 12d is generally not that great.*

Question 4: Do you agree with the concept of using only third-party software to interact with the survey and titles system?

Yes: 19%

No: 71% (15/21)

Don't know: 10%

Comments:

- *Changes to dataset after initial upload need to be able to be made and will always need to be made so some manual input needs to be available.*
- *Don't agree that LINZ in making such decisions can dictate the way in which a survey practice may operate - they need to have an alternative for direct entry as at present to cater for everyone involved in cadastral surveying - not just the big boys! Small practices can and do undertake good work and meet the needs of their clients.*
- *Either way, we (cadastral surveyors) are beholden to one party - eg: 12d (or equivalent) or LoL if a 3rd party does not provide the s/w or service. If there are multiple 3rd party options then that would be preferable than a monopoly 3rd party provider. If LINZ are forced to provide the interaction s/w (because no others do so), then I am not convinced that would necessarily be good.*

Question 5: If you answered No to the previous question, what are your main concerns?

15 Responses

Cost of software licences	46.67%	7/15
Cost of training and infrastructure	40.00%	6/15
Ability of software company to develop workable interface	66.67%	10/15
Quality of software company support	66.67%	10/15
Risk to LINZ if no provider decides to develop an interface	53.33%	8/15
Other • *Cadastral surveying software is a small market. There may be software that will do the job but maintenance and upgrades are likely to be a low priority* • *Changes to dataset after initial upload and loss of data already validated, linked, and laid out in plan layout.* • *All of above but mainly first two reasons* • *This would be the key component and depending on the circumstances all of the above would be big concerns. As the interface is likely to be complex, then the cost of development; training; and support will be high and only recoverable from the end-user - unless LINZ SUBSIDISE a developer to provide the product/service. If LINZ develop it themselves they will recover costs via fees. Win-win for developer or LINZ; lose-lose for the consumer (= us).*	26.67%	4/15

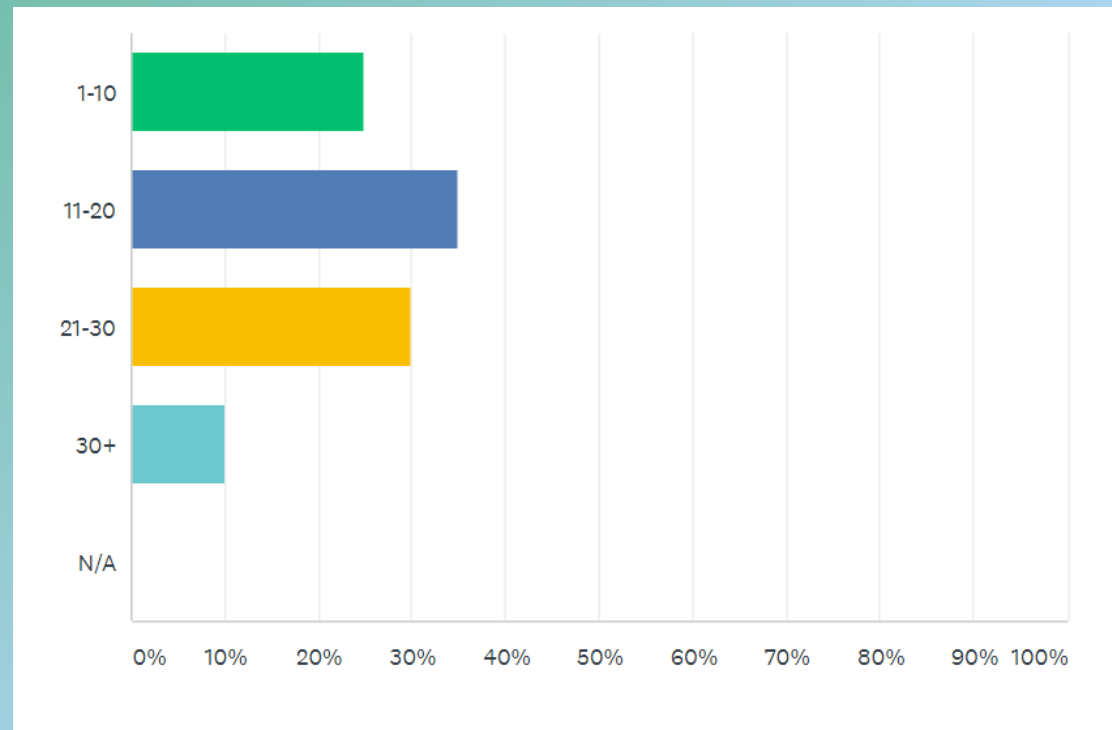**Question 6: Do you still use CSD plans for reference?**
20 Responses
Yes: 100% (20/20)
No: 0%

Question 7: If you answered yes to the previous question, how many plans would you view in a given week?
20 Responses

Question 8: If you do still use CSD plans, what information do you primarily obtain from these plans?

20 Responses

Vector information (bearings and distances)	75.00%	15/20
Adoption notes	65.00%	13/20
Mark details (depth, description)	65.00%	13/20
Occupation details	60.00%	12/20
All survey information	85.00%	17/20
Other • *Some survey information in Landonline is not the most up to date because of the hierarchy of adopted, measured recalculated vectors - so the plan must be checked against lines adopted from Landonline XML downloads* • *All information to help to provide for field searching, vector information and relationship to occupation etc* • *Mainly vector info and 'vibe' of survey as quite often the issues about the survey area can be seen from how the data is laid out and data and marks picked up. The vector info extracted from LoL has this info but not in a form easily and quickly able to be assimilated* • *Everything - would be good to return to a CSD plan on one sheet (rather than 77 bits of paper rattling in the wind). The sort of work I often do (investigative) relies on CSD and prior survey plans, I don't know how you would do that in an electronic environment without CSD plans. Lets not make our job harder - we need these plans absolutely.* • *For both pre-300,000 and LoL plans. Also, name of surveyor; date of survey; other plan notes*	25.00%	5/20

Question 9: Would you support the removal of the requirement for CSD plans, provided that all of the information that is currently available would still be able to be extracted from the system and viewed in a viewing software?
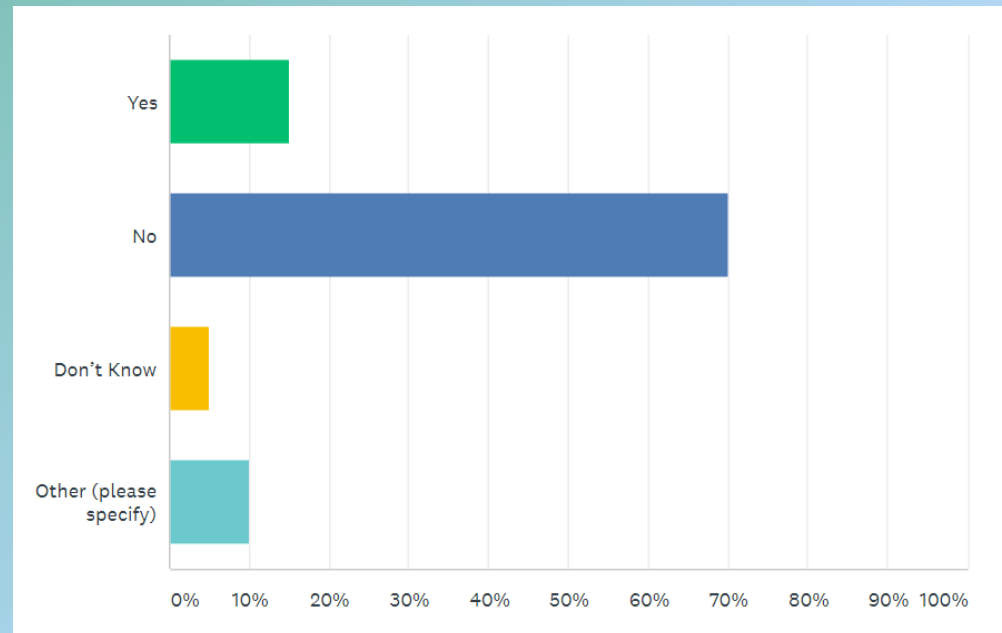
20 Responses

Yes: 15%

No: 70% (14/20)

Don't Know: 5%

Other (please specify): 10%

- *Well its hard to see all the information in Landonline as it is - are marks defined by survey or adoption - that sort of thing. So I would be reluctant to dispense with any one of the currently available sources. Also its useful to be able to print a copy of the data and carry it around. You really have to question the benefit of having no plans.*
- *Answer is No really. Would be dubious that "other viewing software" would be adequate or suitable.*

Question 10: To which professional bodies do you belong?
20 Responses
ICS: 5%
NZIS: 40% (8/20)
Both: 55% (11/20)