



NZIS

Surveying a Land Administration System

NZIS | Surveying and Spatial



About Me: Nick Stillwell



UNIVERSITY
of
OTAGO

Te Whare Wānanga o Otāgo
NEW ZEALAND



My Job: ASaTS Lead Consulting Surveyor



Outline of Presentation:

- Digital Cadastre and Land Register: Current State
- Why it is important for New Zealand that it be updated
- What my role in all this?
- Why is it important to engage with end users?

Digital Cadastre and Land Register: Current State:

- Torrens System
- Monumented Cadastre
- Originally paper based survey system, moved to an online system in the late 1990's.
- Landonline
- surveyors and conveyancers electronically submit changes to the register and the cadastre



The case for change?

- Technology is a means to an end, not an end!
- The case for change must come from wider benefit!

Cadastral Surveyor Perspectives on the case for change:

- Potential efficiencies in work flow
- User experience
- Constraints in the parcel topology engine – 3d, unnecessary capture
- Wider economic benefit of addressing



Spatial Surveyor Perspective on the case for change

Continued...

- The current system, while one of the best in the world, does not deliver on the current potential:
 - Accessibility
 - Connectedness
 - Timeliness
- Wider economic benefit of addressing



What is my role? Especially as it relates to the end user?

- I collect the perspectives of all types of surveyors about what is good about the current system and what could be improved.



What is my role? Especially as it relates to the end user?

- I get the perspectives of the surveyors about what is good about the current system and what could be improved.
- I provide this information to Land Information New Zealand so they can understand the issues and opportunities from a customer perspective



What is my role? Especially as it relates to the end user?

- I get the perspectives of the surveyors about what is good about the current system and what could be improved.
- I provide this information to Land Information New Zealand so they can understand the issues and opportunities from a customer perspective
- I compare what Land Information New Zealand is proposing versus what customers have asked for and highlight the differences



What is my role? Especially as it relates to the end user?

- I get the perspectives of the surveyors about what is good about the current system and what could be improved.
- I provide this information to Land Information New Zealand so they can understand the issues and opportunities from a customer perspective
- I compare what Land Information New Zealand is proposing versus what customers have asked for and highlight the differences
- Basically act as an interface between Land Information New Zealand and the end user



Why is it so important to engage with the end user?

- The end user is actually the end user of the system after all.



Why is it so important to engage with the end user?

- The end user is actually the end user of the system after all.
- The technology platform has no value in its own right. Its only as good as the people using it.



Why is it so important to engage with the end user?

- The end user is actually the end user of the system after all.
- The technology platform has no value in its own right. Its only as good as the people using it.
- If you get the broad perspectives of all the different end users you capture all of the different ways the platform can be used.



Why is it so important to engage with the end user?

- The end user is actually the end user of the system after all.
- The technology platform has no value in its own right. Its only as good as the people using it.
- If you get the broad perspectives of all the different end users you capture all of the different ways the platform can be used.
- The system will fail if it doesn't work for the end users. Good to know what does/ doesn't work early in the process.



What's my point?

Technology: Its all about these guys, the end users need to be able to use it, understand it and get the most out of it



Where to from here for a new platform in New Zealand?

- **Clarifying the customer value propositions**
- **Developing an Implementation Business Case** to be presented to Ministers in October.



Contact Details:

Nick Stillwell

Email: nick@surveyors.org.nz

Questions

