

Exploring the Notice of Sale process

Exploring opportunities to improve the notice of sale process as part of the life event of 'selling and buying a property'

A collaboration between:

- The all of government Service Innovation Lab
- Auckland Council
- Land Information New Zealand
- Tauranga City Council
- Wellington City Council
- Whangarei District Council

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In summary

In August 2018, a collaboration led by the all of government Service Innovation Lab with Auckland Council, Land Information New Zealand (Valuer General), Tauranga City Council, Wellington City Council and Whangarei District Council explored the Notice of Sale (the notice) process as part of the 'selling and buying a property' life event.

This group believe that there are a range of possible solutions to improve the notice; for the benefit of people selling and buying property, their agents (ie real estate agent, solicitors, conveyancers), Councils and government agencies teams.

During August, the group explored:

- The role of the notice and its importance,
- Goals for the future of the notice,
- Pain points and experiences that people and organisations involved with the notice are having,
- Potential opportunities/solutions for improving the process

The work was completed in three parts, a current state review with the Wellington based group members, a design intensive in Auckland (13-16 August) followed by the write up of the findings of both the review and the design intensive.

The goal of this work was to help the group of interested parties identify a path forward to improve the notice process. It helps scope up future design work that would be needed to explore the opportunities in more depth to ascertain their desirability from a user perspective, viability from a business sustainability perspective and feasibility from a technical perspective.

The design intensive identified the following next steps that are needed to continue this work:

- The need for a sponsor(s) to help drive continuing this work.
- The Lab could lead a [discovery](#) with the support of this group to investigate the preferred data based possible solution in more detail to test its viability, feasibility and desirability.
- The Councils collectively or individually could investigate the other two solutions identified; in the intensive; Improve communication between Councils and Solicitors and data validation flags to help select the correct process to use.

What is the notice of sale and why is it important?

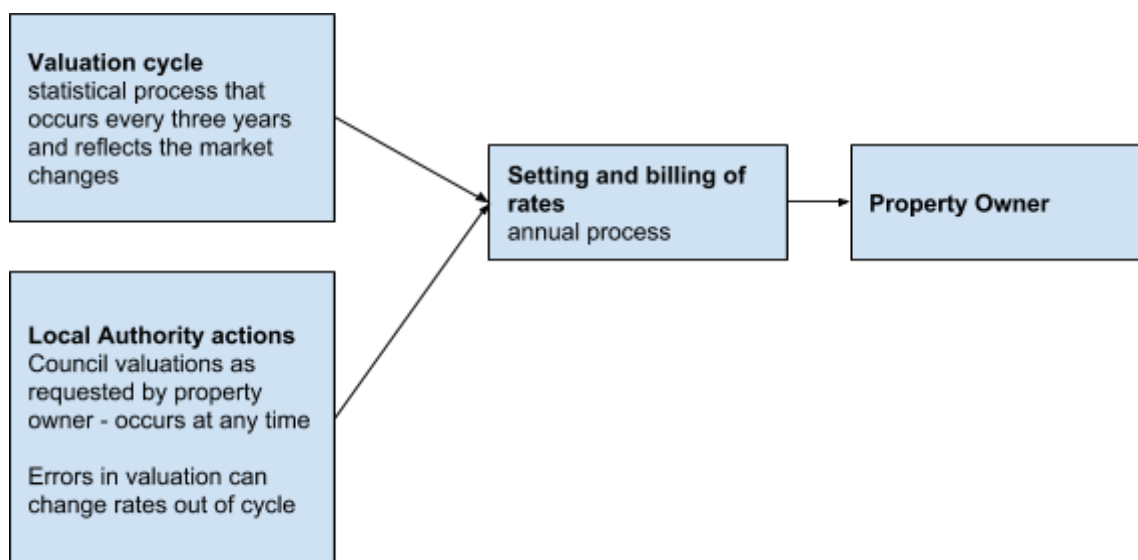
The Notice of Sale (the notice) acts a conduit of sales and/or property owner information in the property transfer process and its a legal requirement that it must be supplied to a Local Authority¹ (ie Councils) as part of the Local Government (Rating) Act 2002.

¹ For the purposes of this report, Local Authorities will be referred to as Councils.

For a Council the notice is typically the first contact they have about the transfer and importantly the new owner of the property. This allows them to update the rating information to send out the rates notice to them. The notice includes valuable sale information where a sale is involved (eg tells them how much the property sold) for which is important for the valuation purposes as it helps give an indication on the valuations for an area.

Rates and valuations are linked together and the notice is one of the key inputs into this process. The notice gives more information and data about the property that helps to give a better indication of valuation and therefore the rates to charge.

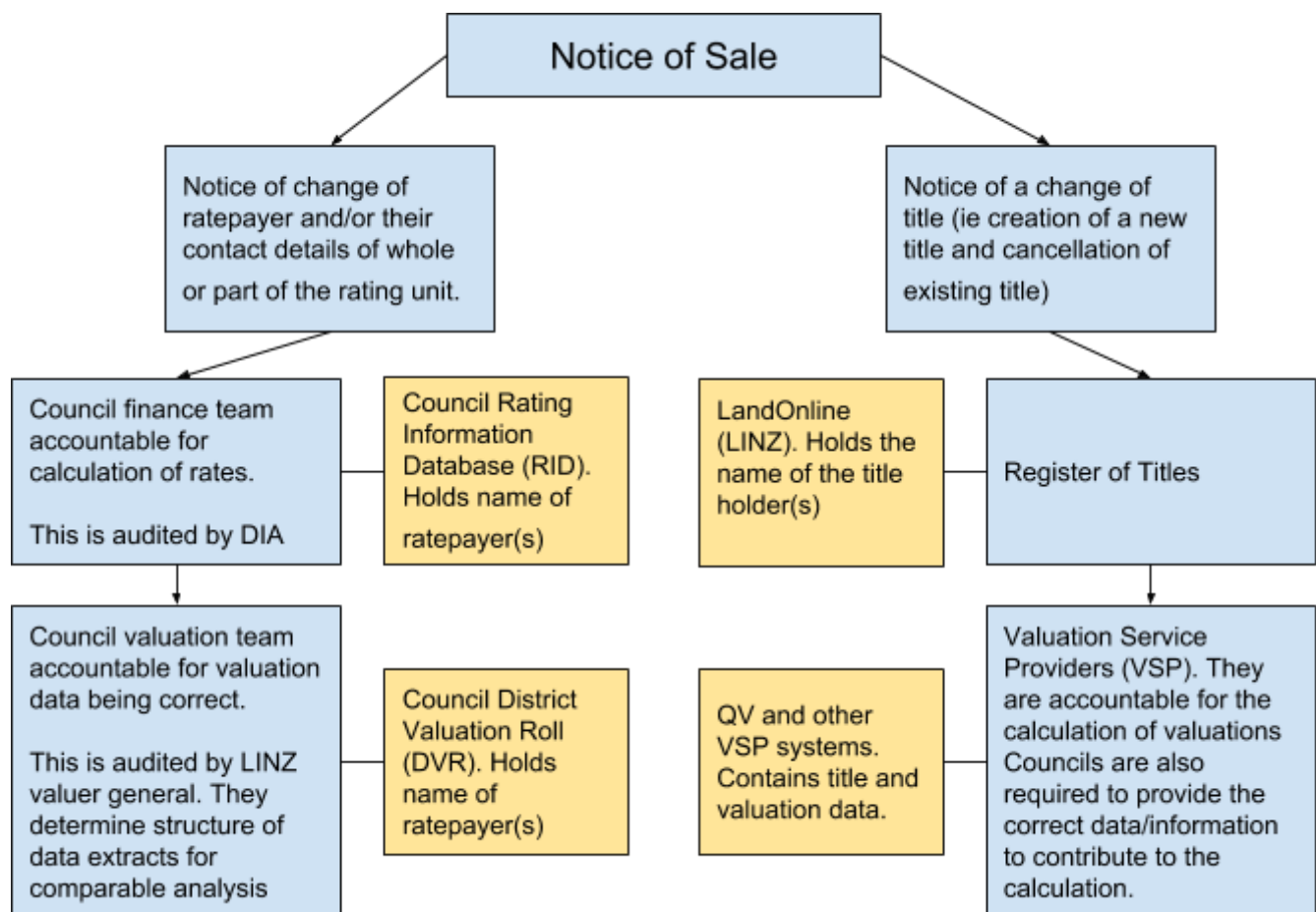
The rating and valuation process



In addition to the rating process the notice also acts another way to provide information that the property title has changed too.

The notice of sale and its relation to rating and valuation

(also see [Appendix 1 for the key concepts required under legislation](#) and what triggers a change of ownership, and see [Appendix 2 Data Map](#) for what data is collected at each step in the process)



The notice must contain these points:

1. the full name and address of the purchaser or transferee; and
2. in the case of a sale, the sale price.

It has to be supplied to the Council within one month after the sale or transfer of a rating unit by the person selling it.

Key legislative references are:

- [Sections 31 - 33 and 36 of the Local Government \(Ratings\) Act 2002](#)
- [Section 52 of the Rating Valuation Act 1998](#)

There is no prescribed form for the notice or methods to transmit the information to Councils. The notices vary depending on the other information requirements that Councils request or what solicitors typically want to send to support the sale. The QV sales direct online form was originally built around what is mandatory but has been amended over time based on solicitor and council requirements; most notably contact details for new owner.

There is also no definition for the term 'property' as it's not a clear concept. From a rating perspective at Councils it's the title and rating unit.

Statistics

From the LINZ Rating Valuation Data set, the following table describes the number of sales between 2014 to 2017.

Number of Sales 2014-2017

Arable	81	0.04%
Residential	194,582 <i>This includes 11,079 Apartments and 23,161 Cross leases.</i>	84.65%
Commercial	7,253	3.16%
Dairy	946	0.41%
Pastoral	2,278	0.99%
Lifestyle	18,900	8.22%
Industrial	4,412	1.92%
Forestry	330	0.14%
Horticulture	634	0.28%
Other	439	0.19%
Total	229,855	

While the majority of property transfers are residential, there are a range of complex sales that are harder to facilitate and process. These include:

- Farm sales
- Subdivisions
- Apartments and unit titles
- Commercial buildings
- Earthquake prone buildings
- Maori leasehold land
- Leasehold titles
- Trust and trustee changes
- Result of river changing boundaries

The notice and its importance to NZ Inc

The notice directly help contribute to understanding New Zealand's Financial and Physical Capital as defined in [Treasury's Living Standards Framework](#) (LSF). This framework draws on OECD analysis of wider indicators of wellbeing with the starting point is answering three questions:

- What are current outcomes?
- Will these outcomes be sustained or improved?
- How resilient is the system?

The LSF is based on four capitals that organise indicators of sustainable intergenerational Wellbeing and for the notice Financial and Physical Capital is most applicable. This includes:

- Financial and physical capital includes the buildings, machines and equipment and other conventional investment, including capital spending by government.
- The financial assets of households provide resilience to unexpected life events and retirement.
Housing is a major contributor to current wellbeing and is the highest-valued household asset.

How do we link the information contained in the notice and use this with other data sources and use this for measuring the health and resilience of New Zealand properties and therefore contribute to Financial and Physical Capital wellbeing?

There is an opportunity to use the notice of sale data linked with the core rating valuation data to provide profiles of the housing stock of New Zealand ie that is we know the owner/occupier vs rentals, type of housing, construction, age, spacial (ie where they are located). What else could the data be mashed up with? What stories could this tell and what it could inform?

Open data

The notice of sale information is deemed to be '[open data](#)' ie it's data anyone can use and share. It has an open licence, is openly accessible and is both human-readable and machine-readable. To protect the integrity of the property sector the data needs to be made available to aid with transparency and avoid corruption.

The Design Intensive

The challenge for the Notice of Sale design intensive was to explore what a positive, effective customer experience looks like when based on a real-world [life event](#) ([see this blog post about the value of life events](#)). The design team sought to understanding the big picture associated with notice of sale and where it fits within the life event of selling and buying a home and together seek to understand the desired outcome from different perspectives and identify indicative opportunities to achieve these

outcomes.

Representatives from Whangarei District Council, Auckland Council, Tauranga City Council, Wellington City Council, LINZ and the Service Innovation Lab (the lab) were involved as team members involved either before and/or during the three day intensive between 13-15 August.

During the intensive we wanted to explore in the design sprint:

- High level understanding of where the notice of sale fits within the life event of selling and buying a property
- Generate a collective understanding of the goals we seek for notice of sale.
- Reveal the pain-points, opportunities and constraints for the customer, agents, third parties and government agencies teams and understand what their motivations are.
- Reveal service bottlenecks, dead ends and successful interactions
- Explore any possible outcomes that could be developed that ease the pain-points
- Explore if there is an opportunity for reusable components to be created

During the three days of the intensive we covered:

Day 1: Gather – Outline the complex problem, goals sought, audiences involved and their motivations

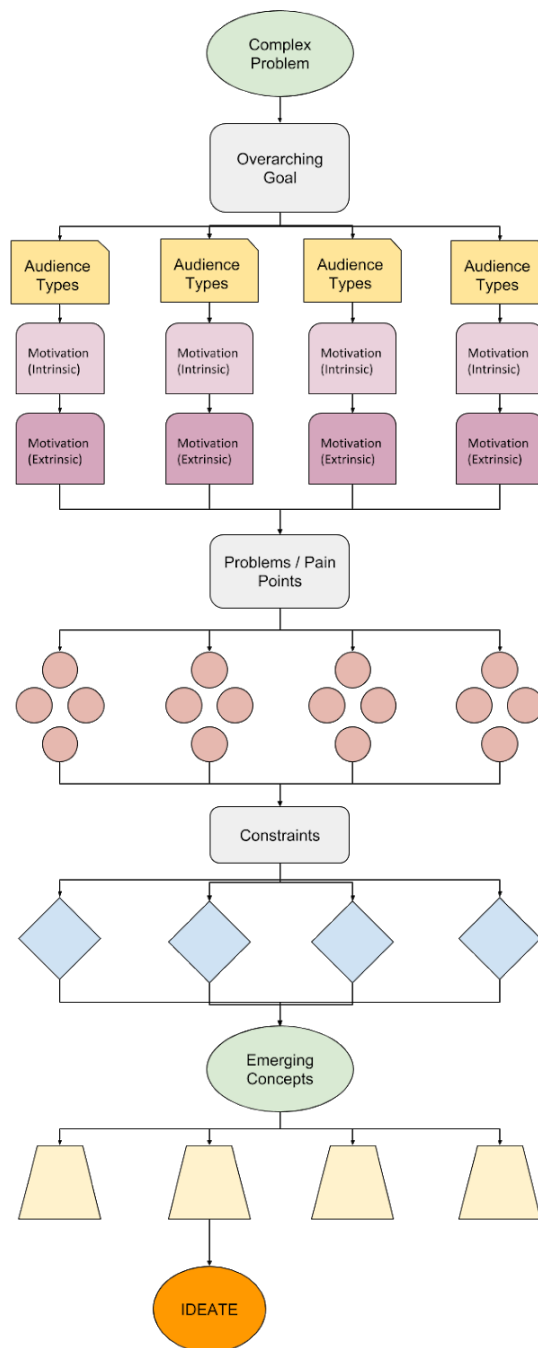
Day 2: Define – Assess problems, opportunities and constraints, themes

Day 3: Ideate / Visualize – Scenarios for our audiences and how we might make change

This is based on the following logic mapping flow model² developed by Dr Hazel Bradshaw from the Service Innovation Lab:

² Bradshaw, H. (2014). The Structural Playability Process (SPP)-An Effective Design Process for Educational Computer Games. chp 3, p60

Logic Mapping Flow



The complex problem

Buying and selling a property is complicated transaction, it requires information to be exchanged between a number of parties and if errors are made it has consequences for property ratings and valuations. This can lead to stress and have financial implications for the parties particularly the property buyer.

The team considered this complex problem and were asked to consider the life event in the context of the notice of sale. Here are the themes the team identified:

Target theme - Automation

The theme selected as a focus point was Automation. The team would like to automate as much of the current manual process as possible to improve the quality of submissions. They'd like to get rid of the term "notice of sale" from their vocabulary to allow time to focus on more important or higher value interactions with ratepayers and clients. They'd like to see data entered once and transmitted electronically to all the stakeholders involved in the process (preferably from a single place). It was noted that automation should not be at the expense of verification, accuracy and completion.

Other themes in order of importance to the team

Single source of truth. There is no current single source of authoritative data for the notice of sale that anyone can draw from eg no one reference number that follows a ownership transfer for parties to use. Team were quite fixed on this as a solution.

Data quality. This includes accuracy and completeness. This involves changes in ownership that were not notified to the council or were lost somehow plus the accuracy of the received notices and its input into multiple systems. The discussion also revealed that there is also a need for more information that is needed to complete tasks that is not in the mandated information that must be sent. Eg contact details, postal addresses. The consequences of data quality include the number of manual checks and validation points throughout the process. Most systems also cater for happy day scenarios too.

Timeliness. The team advised they need the notice information to be supplied as soon as possible to allow more value add tasks to be completed eg audit.

Improving council experience. Because the notice is a a major part of the councils rates and valuation teams business, it takes up a large chunk of their time and they'd love to streamline the work for the sake of accuracy, auditing and sanity.

Improved customer experience. The team are passionate about making life better and easier for our customers. From a solicitor perspective it's about the desire to improve the process for the profession and their clients. Hopefully improvements will lead to an increase in trust between all parties.

Data transmission. The notice needs to be sent to many parties, how could this be made easier? How do we make it more user friendly for solicitors to provide information?

Goal setting - What are the end goals?

The team considered the goals associated with the complex problem statement - why is a goal important for this work? what does it look like?

These end goals were identified for the notice both from a higher level and a specific goal to focus on for this design intensive.

The higher level goals were:

- Will improve the accuracy of sales and owner information that will ultimately result in better rating valuations and revaluations.
- Consistent, complete information that drives decision making and innovation - one source of truth for all market participants eg buyers and sellers, real estate agents, councils, central government.
- Better data helps contribute to better economic outcomes especially considering how property is a big driver in NZ economic success.
- Helps improve the quality of house and property owners interactions with Council - often their first contact is a complaint due to an error with the rates and valuations.
- Improved service for people involved in sales and transfers.

The goal selected for the intensive was **Data Quality** - this is needed for the rating and valuation tasks. This includes missing sales, accuracy of the data received and needing more information beyond the current notice rules to complete tasks. It was recognised that to help with the theme of Automation data quality will be a key enabler. From this there were some sub goals:

- Efficiency of process for everyone to free up people up to do higher value things/work
- Trust in data and process integrity to meet compliance requirements and ensure confidence for property owners.

Related themes to data quality (in order of importance) were accuracy and completeness of the notice, verified data within the notice and ability for data sources to be linked. Other themes were improving the process within Councils, efficiency of process for all parties by creating less touch points and making compliance with the process easier.

It was noted that data quality would help mitigate the problems people encounter that are represented in the other themes.

Audience Mapping

The **primary audience** for the goals and theme is Council teams plus the agents (solicitor / conveyancer) who facilitates the notice for property buyers and sellers. Their relationship is key to the notice process being completed and sent to Council but also how issues are identified and resolved together. There is also a difference in expectations between the two regarding the amount of data that needs to be supplied to ensure that the new owner of property is correctly identified and billed the right amount of rates.

Council teams included: customer data coordinators, customer services staff, digital capture, revenue, mailroom, credit control.

For the **agents** this also extends to their professional bodies, individual practices, legal executives and secretaries, juniors.

The **secondary audience** is LINZ most notably the OVR, Valuation Service Providers and third party utilities that directly need the NoS eg Watercare. These groups are essential for the valuation of properties and the notice is seen as the “*life blood*” of rating valuation and “*without it we have nothing*”.

Customers were considered to be the the old and new owners of the property, third parties who consume the data, ratepayers, real estate agents, government agencies who consume the data, software developers, office of auditor general. These groups of customers are impacted by the notice especially if there is issues with the data quality for a property but for the most part they will not be directly affected.

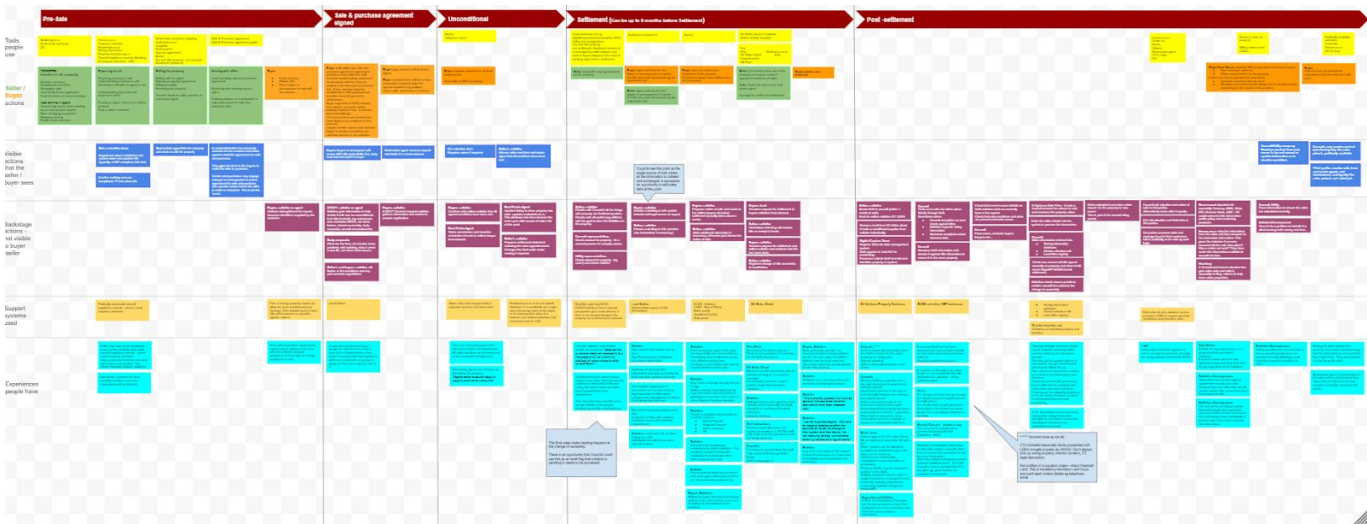
Motivation Mapping - Intrinsic and extrinsic

Primary - Councils		Primary - Solicitors		Secondary	
Intrinsic	Extrinsic	Intrinsic	Extrinsic	Intrinsic	Extrinsic
Helping people Right invoice for the right property Helping people self serve and have access to open data Providing excellent service to ratepayers	Organisational reputation Councils reputation with the public and central government and being able to meet all the service level agreements	Helping clients save their money To help a client achieve their goal Present accurate information, work efficiently and save time and money through no double handling Provide excellent customer service.	Organisational reputation The organisation's reputation. Meet the clients agreed expectations	Doing a good job <i>Valuation service providers</i> - minimise objections through correct valuations and minimise OVG actions Ensuring our service is attractive to the public and councils.	Compliance <i>Valuation service providers</i> Compliance with the RVA rules Reduce OVG audit costs and meet their expectations Council questions about sales data
Doing a good job Contributing to the success of my team Self worth of being good at my job	Revenue and value for money Save ratepayer money and relocate to other other things. Current pressure on the number of staff and the tight time frames that have to work within	Spend time on meaningful work To minimise time spent on low value jobs (like copy typing) and free up more time for more interesting work.	Keeping costs down To be fast so as not to cost the client money and keep write-offs down to get more done. Keep within scope of instructions and keep costs down by doing only what is required and/or what my client instructs me to do. Not having to spend time and money fixing mistakes.	Doing a good job <i>- Office of the Valuer General</i> Consistent quality of valuations which leads to customers having confidence because NZers have a huge interest in property values Secure national data sets for the greater good of NZ Inc.	Compliance - <i>Office of the Valuer General</i> For decision making and ministerial questions Compliance with the RVRon sales data plus the LGRA.
Spend time on meaningful work Don't want to handle complaints	Compliance With the various Acts and regulations eg	Personal reputation To do a good job and be seen as	Compliance To ensure client achieves regulator compliance.	Utilities TBD Customer service similar to the	Utilities - TBD Compliance

More time for improvements that will make a difference to teams and ratepayers Reduce boredom through accuracy and efficiency	LGRA, RVA Reduce audit costs with the OVG, OAG Need accurate data to support revaluations	competent, practical and knowledgeable.	Achieve regulatory compliance with LGRA.	councils Spend more time on meaningful work Right bill for the right property.	
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Problems the audiences are having

To consider the problems the various audiences are having the team were asked to map out the journeys for the solicitors and council teams. Prior to the intensive, a [service blueprint](#) describing the journey from presale triggers to post-sale settlement was created and this was used by the team as a reference for their maps.



[Solicitor journey map](#)

- my ability to meet my client needs, to do a good job and ensure my compliance with the rules.
- Council's ability to efficiently process changes to property data, rating database and comply with rules
- Council's ability to contact property owners
- Council workers ability to do a good job, deliver a good service to ratepayers and improve the Council's reputation.

For each problem statement the team considered if there are any constraints associated with it and how hard it might be to resolve them:

Ability to resolve a constraint	Constraints
Easy to resolve	Access to databases, staff both at the agent and council not understanding the intricacies involved in the notice creation and processing and their importance.
Medium to resolve	<ul style="list-style-type: none"> • Behaviour of its too hard to set up the technology to do this so do nothing • QV almost have a monopoly with roughly ½ of all notices go through sales direct and this does not suit everyone's need. • TA have different systems which makes it hard to integrate with • LINZ may not keep CCO information. This is important for utilities as the solicitors will need to make them aware of the change.
Hard to resolve	<ul style="list-style-type: none"> • Changes to the Local Government rating Act 2002 (this sets out the content for the notice) if there is an opportunity to change the rules. • People within Council and the solicitors are time poor • Solicitor and Council have to meet the minimum compliance to reduce the risk; this does not always equal good customer service. • The law profession is conservative and is likely to resist to change • Silo mentality with government agencies both at central and territorial authority • Different governing bodies for Councils and Solicitors therefore different agendas. • Privacy Act considerations if optional personal information is required. • No single address database; currently there are inconsistent linkages between addresses. • Ethical rules ie a vendors solution cannot allow them and others to directly contact the purchasers • Staff in teams doing Notice work are generally not decision makers (eg spend money or subscribe to things)

Problem statement two - manual processing

As a Council administrator, me and my team leaders have a problem with the large amount of manual processing to complete the input of the notice of sale. This impacts our ability to:

- approach this task with enthusiasm and makes my job boring
- save money for ratepayers that could be better spent on things in my community
- work well with solicitors, who through our processing errors will have difficulties with their clients

Ability to resolve a constraint	Constraints
Easy to resolve	Ability and cost of accessing the relevant database, lack of collaboration between government agencies as each hold parts of data that could be shared, penalties applied due to errors are remitted - this costs council money.
Medium to resolve	No electronic record to import, territorial authorities have different systems - about 5 across New Zealand.
Hard to resolve	

Problem statement three - triggers for notice of sale

As a Solicitor the problem I have is that I don't know all the triggers for the Notice of Sale and its importance to rates and valuations. This impacts my ability to:

- meet my clients needs
- work with councils and their need for information for rates and valuations, payments and refunds and debt collection.

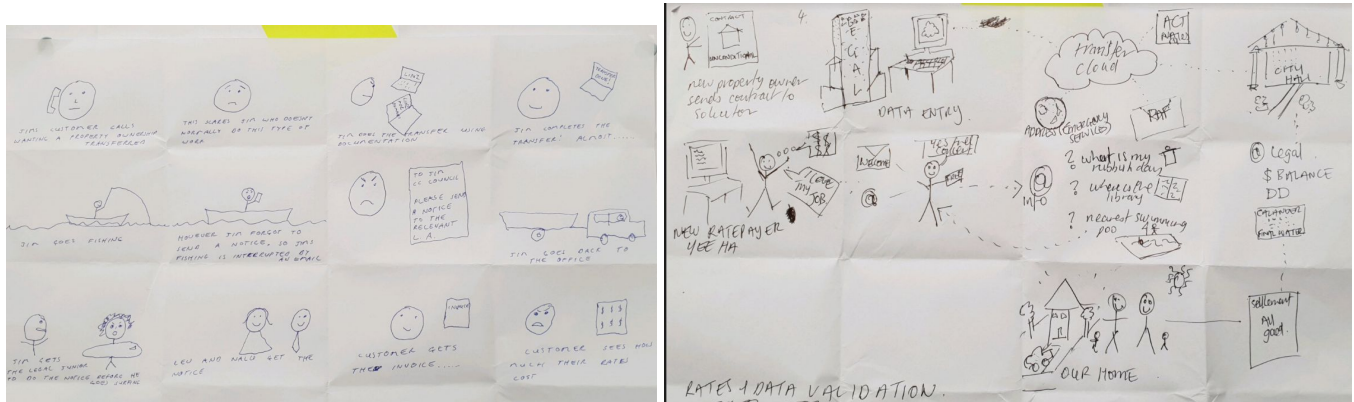
Ability to resolve a constraint	Constraints
Easy to resolve	No clear guidance on the rules and triggers and the importance of the process, no authoritative list of the triggers for a notice.
Medium to resolve	The number of people/teams handling the notice, too many sources of submission, even through QV there can be errors, lack of adequate confirmation of processing the sale, notice is not seen as valuable as the certificate of title.
Hard to resolve	Solicitors are time poor and their billing focus may prioritise other pieces of work over the notice.

The team believe that if these problems were fixed then it could resolve many of the problems described in the other themes. These other themes that resulted from the creation of the problem statements were data input and matching, manual processing and validation, not sending or receiving the notice, the impacts of errors and the impacts to the value of the team and individuals within it.

Scenario and storyboard building - exploring problems and solutions

To explore problems and solutions for these scenario and storyboard techniques were used. The team created a scenario that addresses the audience problem, meets the a clear goal and works within the

constraints. A scenario should have an audience, a goal, a set of constraints and a beginning, middle and an end. These were themed and storyboards were created based on the prioritised scenarios. Each person shared their [storyboards](#) and then team was separated into groups who took the scenarios, identified their common elements and collaborated to create a refined storyboard.



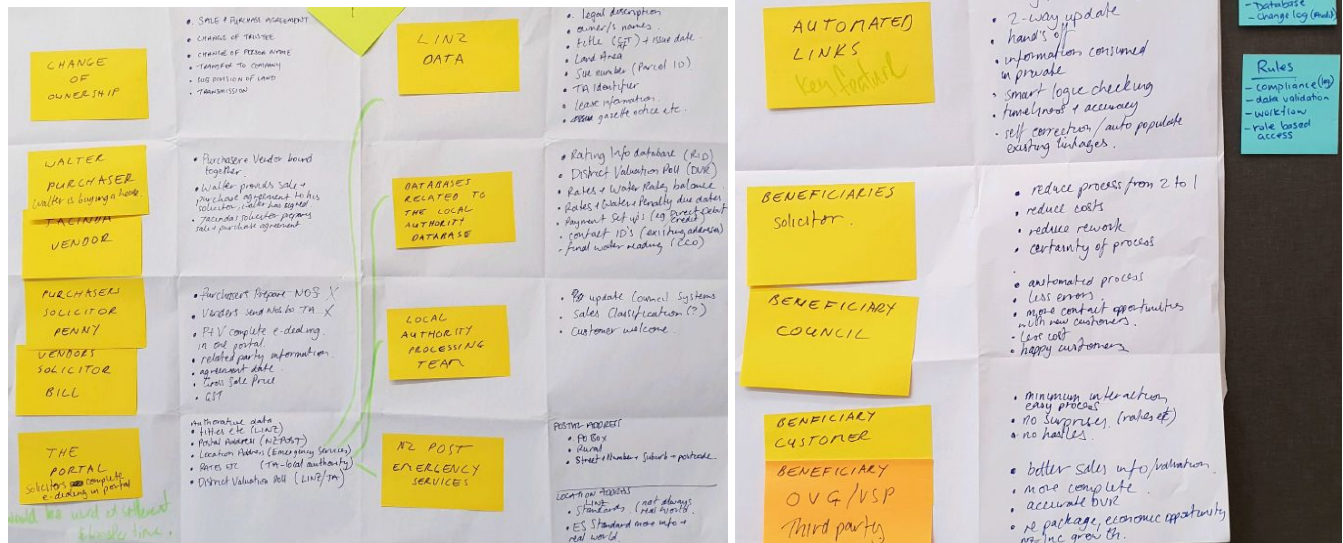
Problem statement one - accurate and complete information

A range of scenarios were created and many had similar themes. Here are the prioritised themes as decided by the group:

1. Property transfer in a single portal - data validated against authoritative datasets.
2. Accurate ratepayer contact information - education of ratepayers
3. Correct Correct or territorial local authority selected - against an authoritative dataset

Tied with no votes: Councils validate their databases against authoritative datasets, solicitors validates data against authoritative sources, accurate ratepayer contact information - verified against authoritative datasets.

Here is the [storyboards](#) for the property transfer in a single portal.



This storyboard was ultimately the one selected to [explore further](#) during the rest of the design intensive.

Problem statement two - manual processing

A range of scenarios were created but they had a similar theme - property transfer in a single portal.

Here is the storyboards for the property transfer in a single portal. For the refined storyboard because of the similarity with those created in statement one, they should be combined.

Problem statement three - triggers for notice of sale

There were two themes that were tied in priority:

- Improve communication between Councils and Solicitors - spending time together
- Rules and data validation flags to help select the correct process to use.

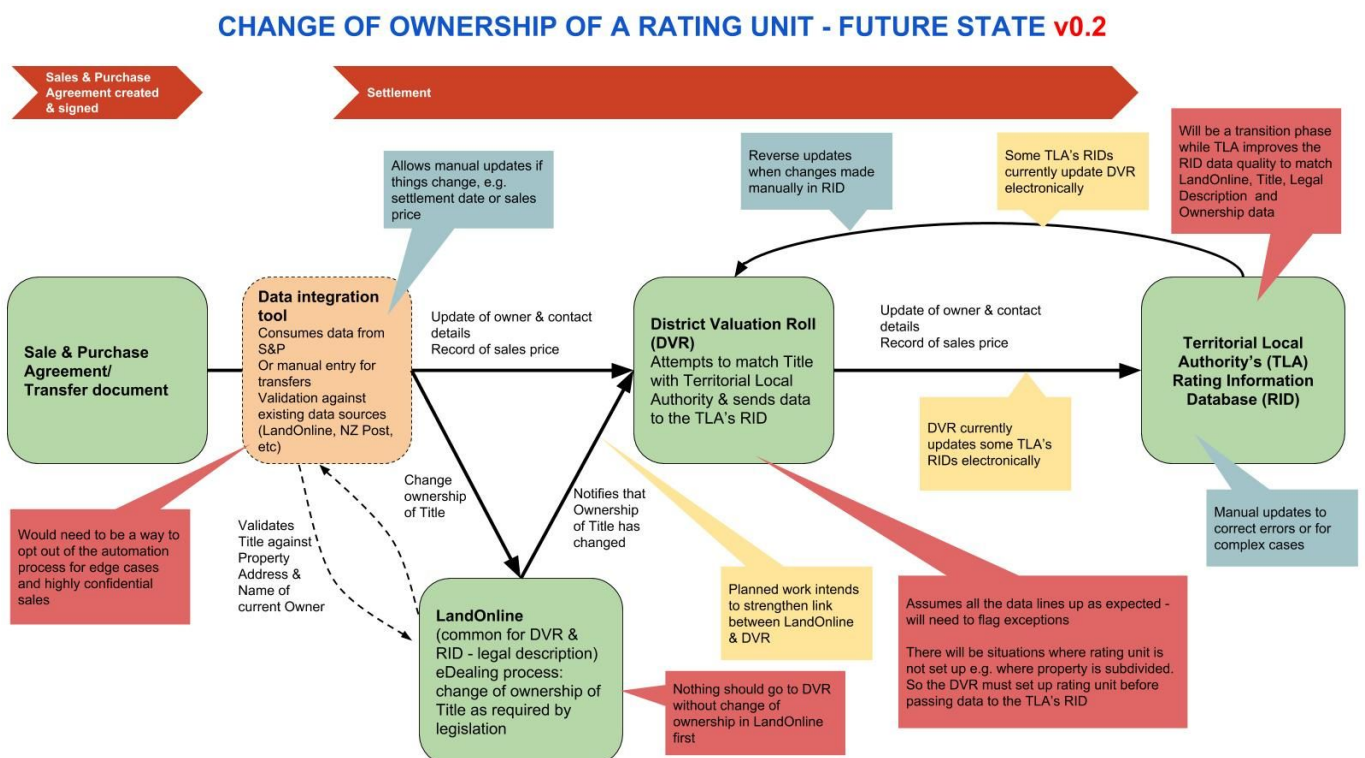
Here are the [refined storyboards](#). The team believed that these ideas could be something that could be done within each Council and trialling the approach with local law firms and conveyancers.

Improve communication between Council and Solicitors - 'spending time together'

Possible solution

The idea behind this possible future state is that much of the data required to action what is currently called the 'Notice of Sale' process is captured within the Sales and Purchase Agreement or through the Transfer Instrument (see [Appendix 2 Data Map](#) for what data is collected at each step in the process). There are different triggers for this process (see the [triggers in Appendix 1](#)), which is actually the process of changing the ownership of a rating unit.

Rather than expecting each person in the process chain to perform manual data entry then we could imagine a process where the data is kept as electronic data and systematically pushed through the required states of a workflow. Ideally this would satisfy the legislative requirements (see [Appendix 1 for the key concepts required under legislation](#)) while achieving the goal of improved data quality and improved trust in the process.



This future state needs deeper investigation to determine its desirability, viability and feasibility, and would necessarily involve a slow transition, including improving data quality within the various databases over time.

A [Minimum Viable Product](#) might involve manual data entry from the Sales and Purchase Agreement into a data integration tool, or an upload of a data extract from a smart form version of the agreement.

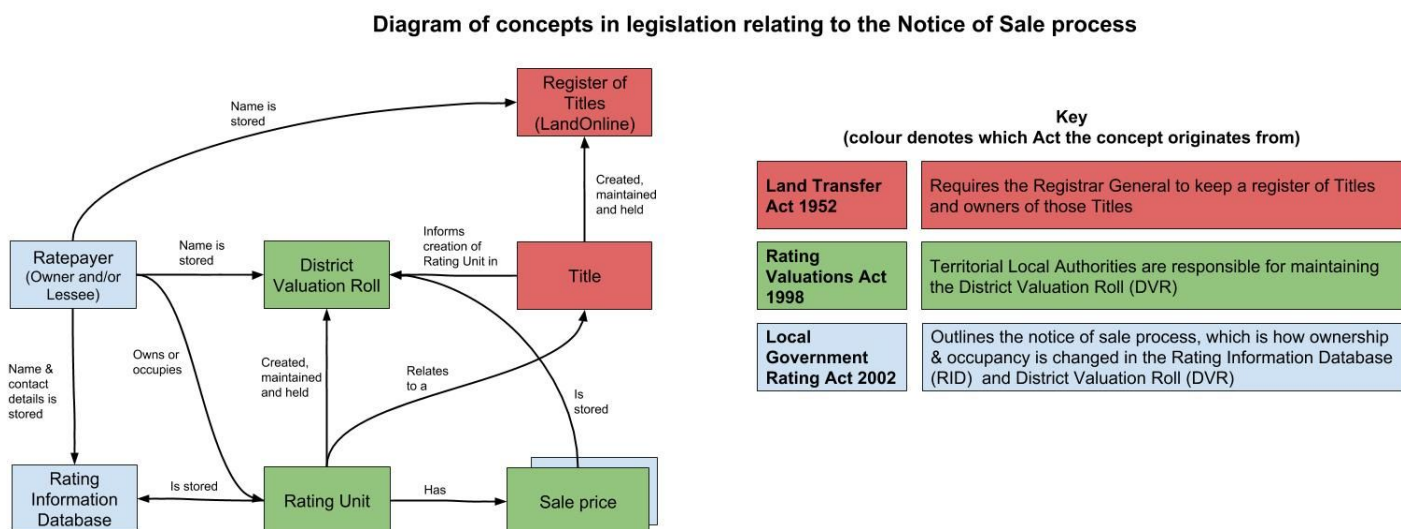
Next Steps

- The group discussed the need for a sponsor(s) to help drive continuing this work. It was agreed that the sponsor could be a person or group of people but they should be at an executive leadership level eg a CFO. The group of councils involved with this exploration will need to work together to identify a sponsor(s) and brief them on this work and its importance.
- Depending on the priorities for the 2018/19 Service Innovation Lab work programme, the Lab could lead a [discovery](#) with the support of this group to investigate the possible solution in more detail to test its viability, feasibility and desirability.
- The Councils collectively or individually could investigate the other two opportunities identified in the intensive; Improve communication between Councils and Solicitors - spending time together and Rules and data validation flags to help select the correct process to use. The team believed that these ideas could be something that could be done within each Council and trialling the approach with local law firms and conveyancers. This is being currently being explored further collective team.

Appendix 1: Notice of Sale Context Diagram

This diagram maps out the relevant concepts in the legislation relating to Notice of Sale to help with understanding the current legislative requirements.

To read the diagram follow the arrows, i.e Ratepayer (Owner and/or Lessee) owns or occupies Rating Unit; Rating Unit created, maintained and held in District Valuation Roll.



Triggers for notice of change of ownership of a rating unit

Although commonly referred to as a “notice of sale”, that’s actually a bit of a misnomer as it not just sales that trigger the need for a notice. Broadly speaking, there are four triggers:

1. If an owner sells or otherwise transfers a rating unit or any part of a rating unit (section 31(1) Local Government (Rating) Act 2002);
2. If a person becomes the owner of a rating unit by operation of law (section 31(3) Local Government (Rating) Act 2002);
3. Registration of a change of name of a rating unit (section 36 Local Government (Rating) Act 2002); and
4. Transfer, assignment, surrender or termination of lease (sections 32 and 33 of the Local Government (Rating) Act 2002).

In the case of a sale of a rating unit, Section 31 of the Local Government (Rating) Act 2002 provides that a vendor or, if the vendor has an agent, the vendor’s agent must, within one month of the effective date of sale or transfer, provide the relevant local authority with:

1. the full name and address of the purchaser; and
2. in the case of a sale, the sale price.

The legislation does not mandate the form in which the notice is provided. Additionally, there is no definition of “sale price”.

In all other cases, the transferor (former owner) must notify Council of the change in owner of the rating unit. Again, the legislation does not mandate the form in which the notice is provided.

So which instruments trigger the need for a Notice?

The sale of a property which results in the registration of a transfer instrument is the most obvious trigger for a Notice, but it's far from the only one. Other common transactions which trigger need for a Notice include:

1. Dealing with an estate resulting in registration of a Transmission (instrument quick code TSM)
2. A mortgagee sale resulting in registration of a Transfer in exercise of Power of Sale (instrument quick code TPS);
3. Registration of a Joint Family Home application (instrument quick code JFH); and
4. A change of name of an owner (due to marriage or a company changing its name) (instrument quick code CN).

Additionally, there are a number of less common transactions that could trigger need for a Notice – some of which are incredibly rare. For example:

1. Transferring assets on the winding up of an Incorporated Society resulting in registration of an application under section 27 of the Incorporated Societies Act 1908 (instrument quick code A27);
2. An application for accretion as a result of changing river boundaries (instrument quick code ACC);
3. An application under section 99A of the Land Transfer Act 1952 to record a statutory vesting (instrument quick code A99A); and
4. An application to transfer land as a result of the Health Sector (Transfers) Act 1993 (instrument quick code A9).

Appendix 2: Notice of Sale Data Map

This shows what data points are collected through what mechanism at different points in the sale or change of ownership process, and what the data source is and where it goes.

Notice of Sale Data Map

		Sale & Purchase Agreement (note Auckland District Law Society & REINZ have copyright on the standard template, which is used for most sales in NZ) While we state 'required' there is no minimum required set of data - but must be able to describe the property with certainty	Notice of Sale	Transfer Instrument	Data source	Data goes to
Property	Physical Address	Required	Required by TA		Manual entry	RID & DVR
	Title (Unique Identifier or Certificate of Title)	Required	Required by TA	Required	Looked up in LandOnline.	RID & DVR
	Tenure	Required	Required by TA		LandOnline (derived from the title)	DVR & RID

Property continued		Sale & Purchase Agreement	Notice of Sale	Transfer Instrument	Data source	Data goes to
	Legal Description	Required	Required by TA		LandOnline (derived from title)	RID & DVR
	Land Area	Required	Required by TA		LandOnline (derived from title)	RID & DVR
	Tenancies (if any)	Required	Useful for TA only if tenant is the rate payer & for valuers		Manual entry	RID??
	Rating Unit		Required (useful, and can be deduced if it exists. Better to have none rather than an old one)		Looked up in either Council's Rating Information Database (RID) or the District Valuation Roll (DVR)	DVR & RID
	Improvements		Useful (to who and why)		Can be derived from DVR by using Title or valuation reference as key identifier.	
Owner/ Ratepayer	Previous Owner(s) /Transferor(s)/Vendor(s) legal name(s)	Required	Required	Required	LandOnline	RID & DVR

		Sale & Purchase Agreement	Notice of Sale (from Sales Direct)	Transfer Instrument	Data source	Data goes to
Owner/ Ratepayer	New Owner(s)/ Transferee(s)/ Purchaser(s) legal name(s)	Required	Required	Required	Manual entry	RID & DVR
	New Owner's postal address	Optional [Note: Agreements won't usually have this. A most you'll get the name of the purchaser's lawyer.]	Required		Manual entry (?validated against NZ Post data)	RID & DVR
	New Owner's email address	Optional [Note: agreements won't usually have this]	Useful for TA		Manual entry	RID
	New Owner's mobile number	Optional [Note: agreements won't usually have this.]	Useful for TA		Manual entry	RID
Transaction	Nature of transaction		Required by DVR		Manual entry	DVR
	Date of agreement	Required	Required by DVR		Manual entry	DVR

		Sale & Purchase Agreement	Notice of Sale (from Sales Direct)	Transfer Instruments	Data source	Data goes to
Transaction continued	Date of settlement/change of ownership	Required	Required	Note: LandOnline is agnostic as to settlement date. It just records the date the instruments are registered. You can't ask the system to register something on a certain date.	Manual entry	RID & DVR
	Sale price - land and buildings	Required	Required by DVR		Manual entry	DVR
	Value of chattels per agreement		Useful to DVR (only if a separate value has been attributed to the chattels)		Manual entry	DVR
	GST (if included)	Required	Required by DVR		Manual entry	DVR
	Gross sale price	Required	Required by DVR		Manual entry	DVR

		Sale & Purchase Agreement	Notice of Sale (from Sales Direct)	Transfer Instrument	Data source	Data goes to
Other parties	Vendor's lawyer & contact details	Useful	Useful	LandOnline records the names and firm of the lawyer/conveyancer who registered the eDealing	Manual entry [You can't validate lawyer's contact details from the companies register. Could investigate validating against NZLS records].	
	Purchaser's lawyer & contact details	Useful	Useful		Manual entry [You can't validate lawyer's contact details from the companies register. Could investigate validating against the NZLS records.]	
	Real Estate Agent & contact details	Useful	Useful to valuers		Manual entry (listed in Real Estate Authority Register, but human only search)	