'The power of where'

DRIVES NEW ZEALAND'S SUCCESS

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ASaTS

FIG Tour of LINZ Office - May 2016

Phil Davison | Project Analyst (ASaTS)

LINZ - Regulatory Agency

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- LINZ regulates across:
  - Land title registration
  - Cadastral survey system
  - Rating valuation
  - Crown land (Public Works and Land Acts)
  - Overseas Investment Office
  - Management of "Christchurch Residential Red Zone Land" and "Central City Demolitions"
- 3 Operations Offices :
  - Hamilton, Wellington & Christchurch

A Data Agency

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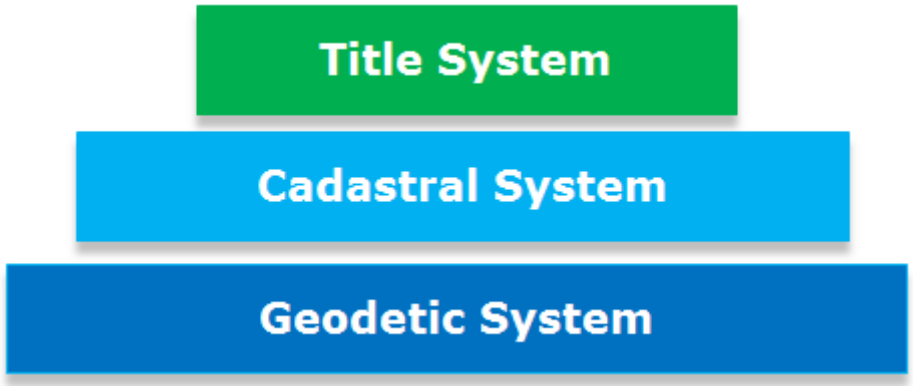
Over 40 authoritative LINZ land and sea datasets are available for free from the LINZ Data Service.

Landonline

- Custom-built integrated Cadastral, Geodetic and Title management system that manages New Zealand's Survey and Title business.
- Provides electronic functionality to capture, submit and register data and transactions with LINZ.



Landonline

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Landonline was implemented nationally in 2000, and consisted of three major phases;

- 2000 to 2001 - Core record system
  - Database creation
  - Data migration from existing systems
  - Transaction management system
  - Digitisation of historic records
  - Data capture (Survey and Titles Conversion)
  - Enabled remote searching facility
- 2003 - E-dealing and e-survey functionality introduced
- 2007 - Mandatory 100% e-dealing and e-survey

Landonline Processing

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Users

- 12,000 active users
- Approximately 800 concurrent users most days.

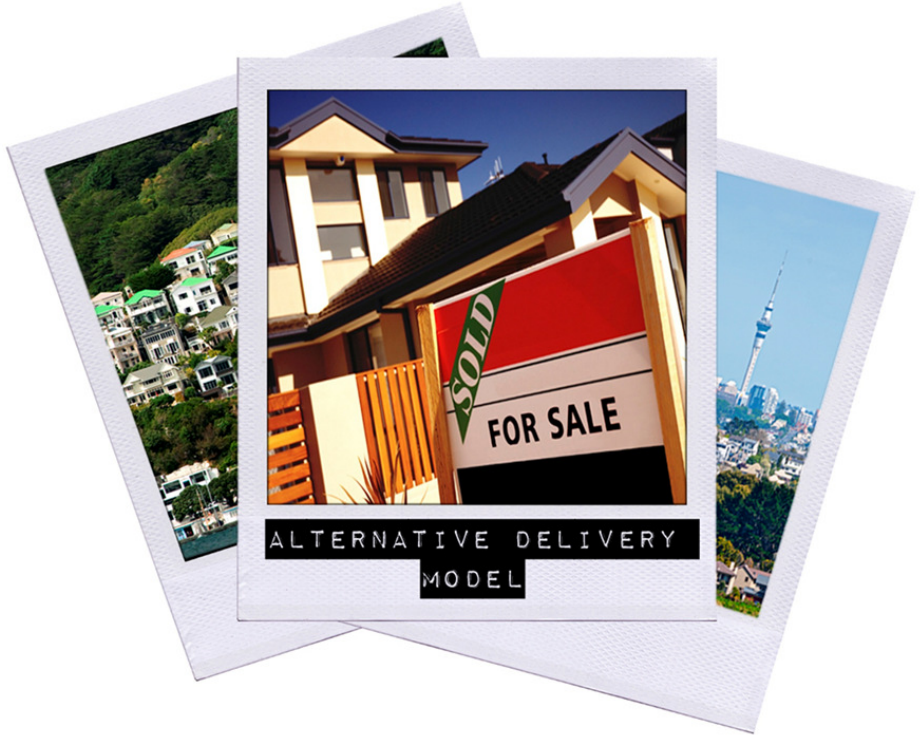
Annual Transaction figures

- 615,000 title transactions processed
  - 80,000 processed manually
- 9,100 survey transactions processed
  - All lodged electronically, but processed manually
- 3.1 million records supplied.

Why an Advanced Survey & Titles System (ASaTS) programme?

Second generation of investment:

- Customer drivers
- Information drivers
- Business drivers



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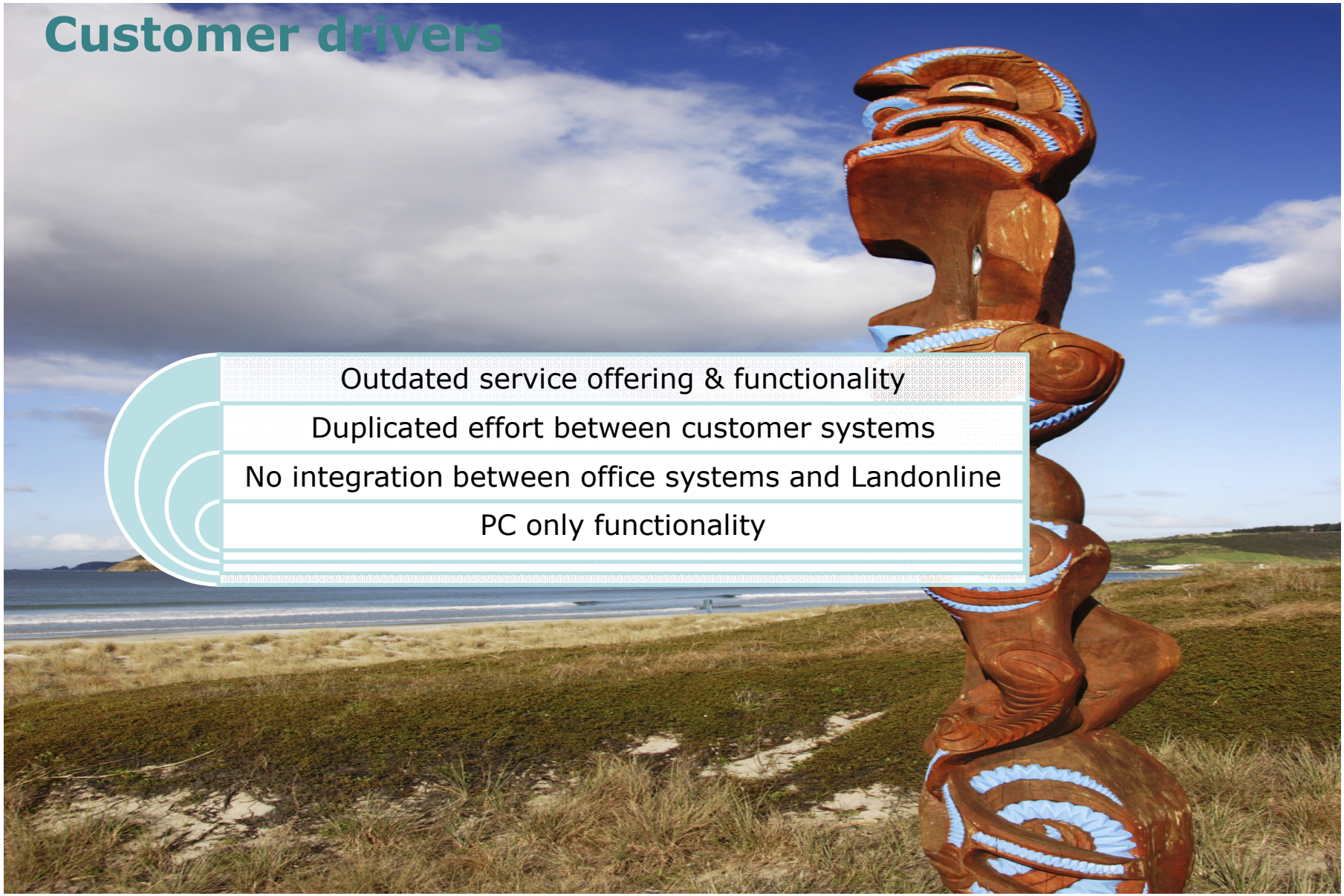
Customer drivers



- Outdated service offering & functionality
- Duplicated effort between customer systems
- No integration between office systems and Landonline
- PC only functionality

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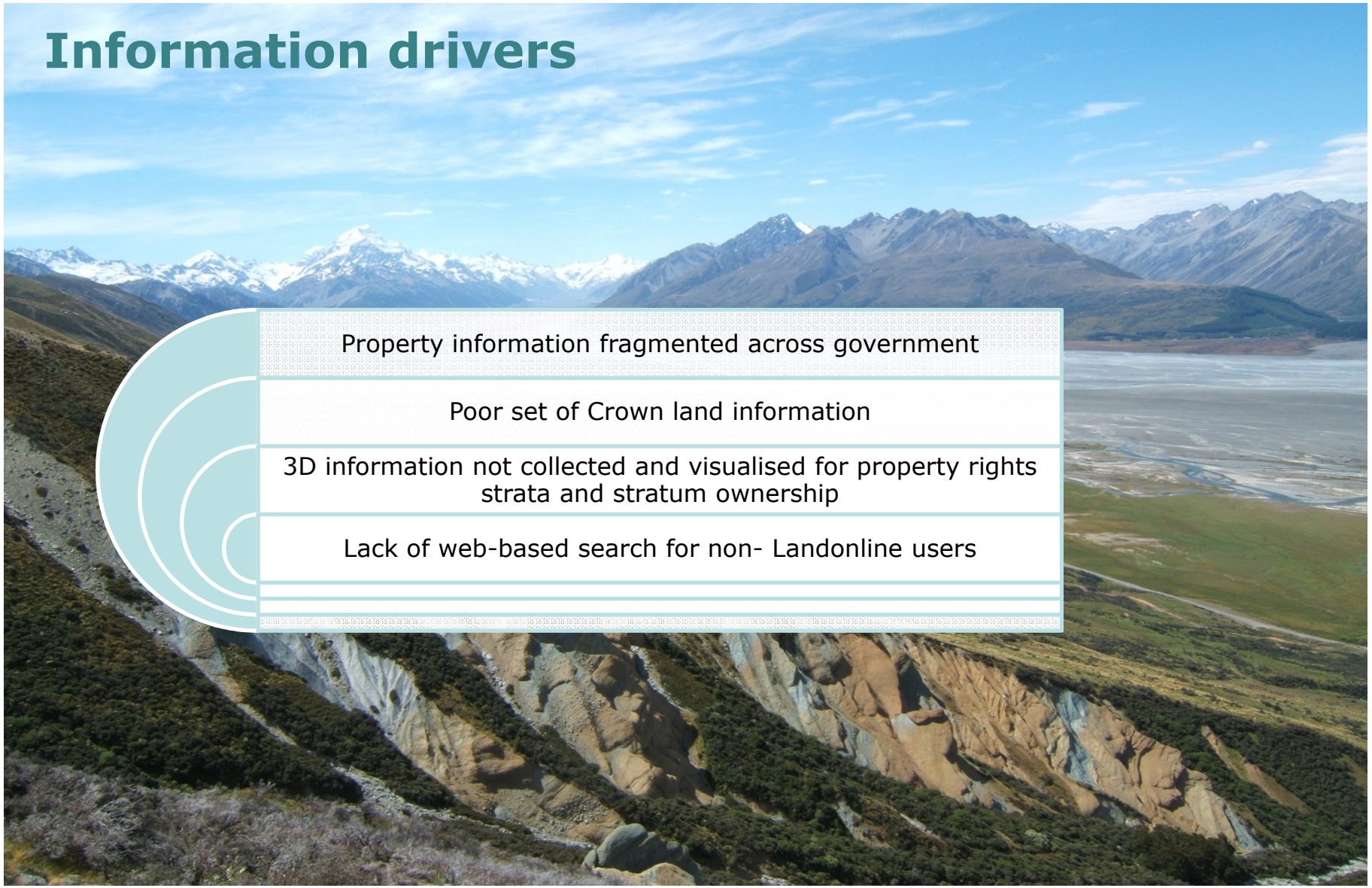
Information drivers



- Property information fragmented across government
- Poor set of Crown land information
- 3D information not collected and visualised for property rights strata and stratum ownership
- Lack of web-based search for non- Landonline users

Business drivers

- 1990’s technology build
- Monolithic IT architecture
- End-to-end testing constrains enhancements and releases

Where we want to be
Function View

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Manage Coordinates & Observations

Manage Infrastructure (Survey Marks)

Manage Cadastre

Manage Titles

Manage Customers

Timeline

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2021 Completion!

2017-20 Design, Develop & Build
Phased delivery approach

2016 Go to Market Phase

2016 As a Service Approved

2015 Detailed Business Case Approved

2014 Detailed Business Case Developed

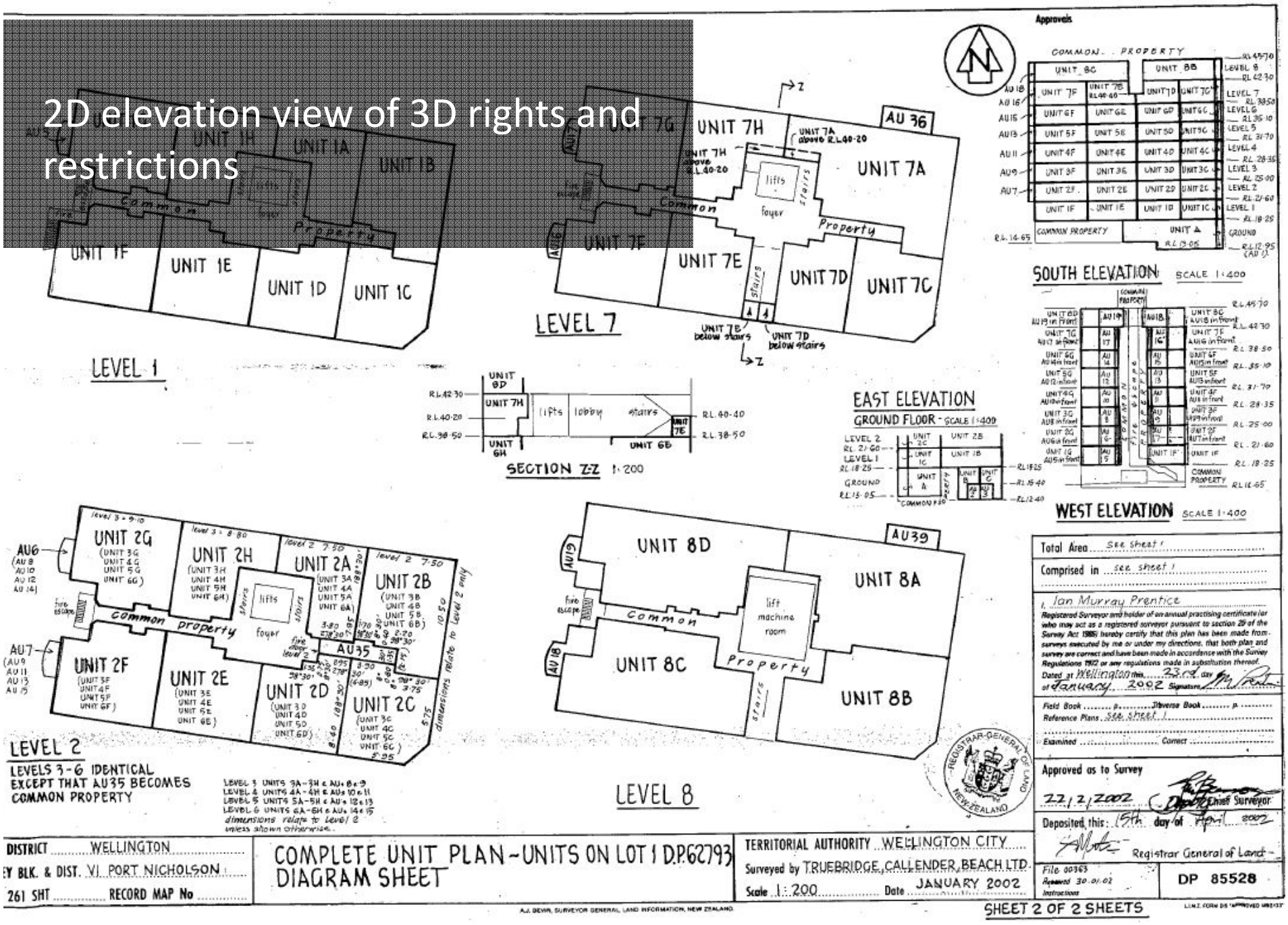
2013 Indicative Business Case Approved

2012 Strategic Work Launched

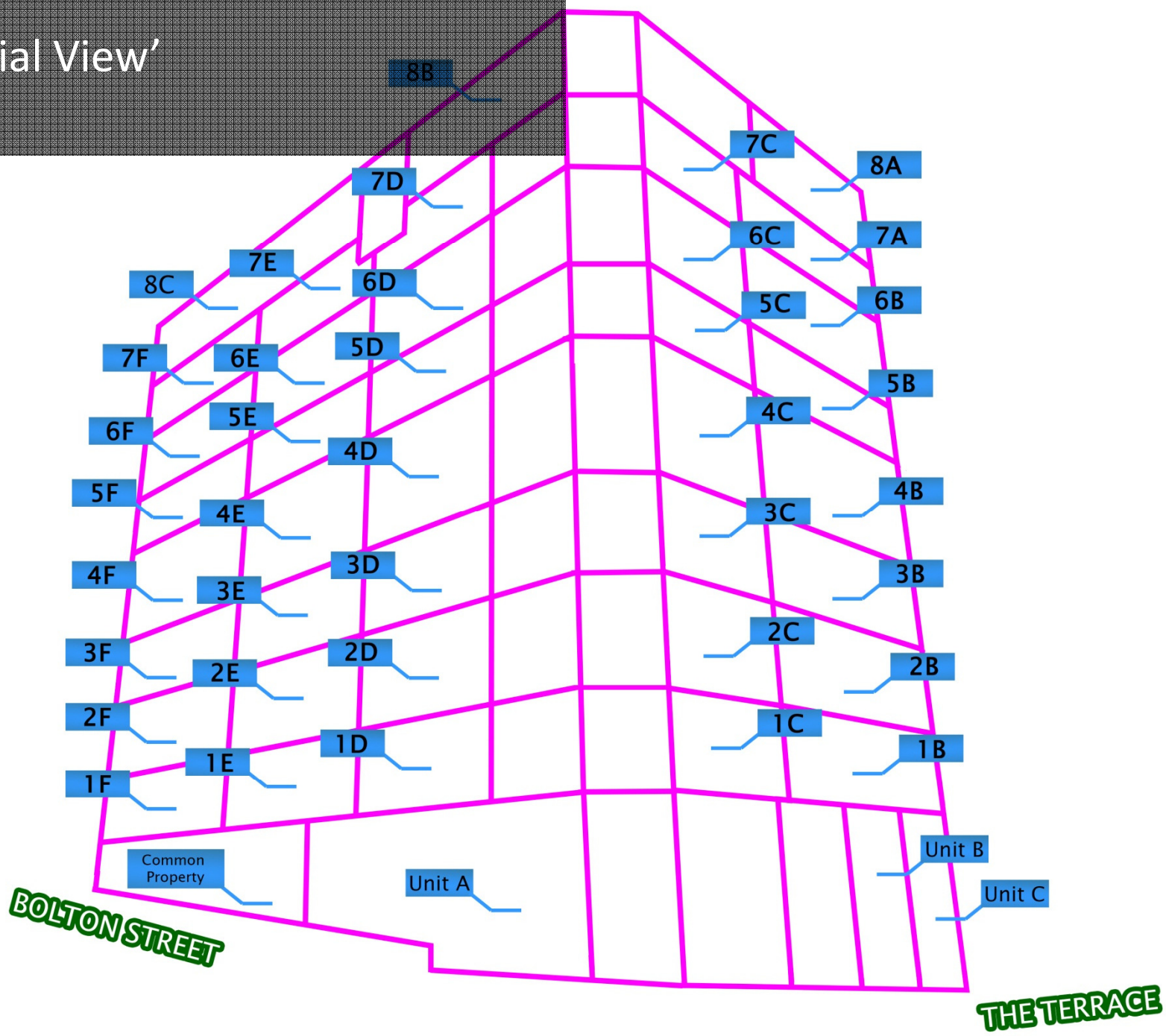
3D Cadastre

Image courtesy Nextspace

2D elevation view of 3D rights and restrictions



3D ‘Spatial View’



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2E
2F
1C
1D
1B
1E
1F
Common Property
Unit A
Unit B
Unit C
BOLTON STREET
THE TERRACE
Bolton Hotel
Oasis

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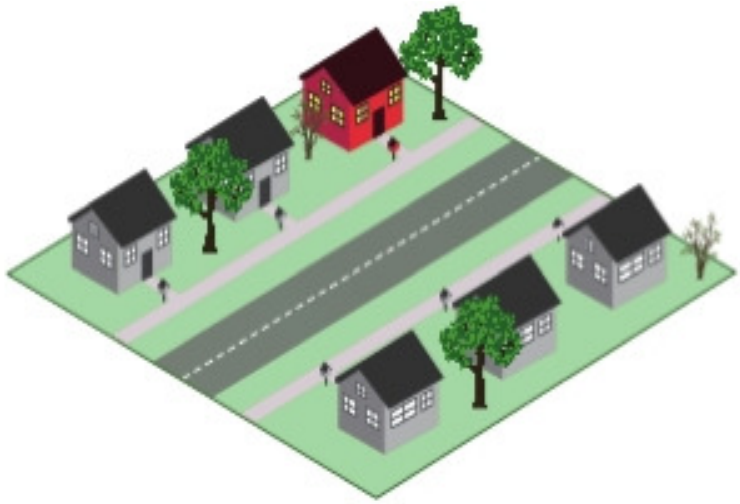
Integrated Property Services

Anyone seeking to buy, sell, build, renovate, develop or live on a property is able to access all the information and transactions they need in a way that shows all of the rights, restrictions and responsibilities applying to the property



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