

LandXML – Landonline

Overview of Changes for Enumeration Mappings applicable to Landonline (for Landonline Release 3.4)

Surveyors and developers reference document

Release v 3.1

Customer Systems
Customer Services
National Office
Land Information New Zealand
Private Box 5501
Wellington

Email: info@linz.govt.nz

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Issue History			
Issue	Date	Section No.	Summary of Changes / Amendments
1.0	5/3/10		List of mappings from 3 rd party software to Landonline
2.0	8/3/10	Equipment Type	Added enumeration values for changes/additions
3.0	9/3/10	Parcel Appellation Type, Parcel Intent, Topology Class	Amendment made to correct spelling of 'Principle Unit' to 'Principal Unit' and Amendment made to correct Parcel Class 'Restrictive Parcel' to 'Restrictive Area'
3.1	16-8-2011	Monument State	Amending renewed/replaced mark state from 'New' to 'Old'

LandXML – Changes for Enumeration Mappings applicable to Landonline (for Landonline Release 3.4)

Landonline now supports LandXML Schema v1.2

The following tables and information outlines a brief overview of changes that are being made to LandXML Import files for Landonline.

To allow the mappings from LandXML files into Landonline, the following LandXML values will be mapped into Landonline tables:

Monument State

Indicates the physical condition of the monument/mark

LandXML/3 rd Party Software value	Landonline Value
'renewed'	'Old'
'replaced'	'Old'

Note: New marks that are indicated as 'renewed' or 'replaced' in the 3rd party software, map the old mark details into the 'Mark Reliability Details' field in Landonline (as long as these are stated in the XML) as per current functionality for replaced marks.

Monument Purpose

Indicates the purpose of the monument/mark

LandXML/3 rd Party Software value	Landonline Value
prm	PRM
prm boundary	PRM/Boundary
boundary prm	PRM/Boundary
non boundary	Non Boundary
boundary defined by survey	Boundary Defined by Survey
boundary defined by adoption	Boundary Defined by Adoption
boundary accepted	Boundary Accepted

Class of Survey

Currently the class of survey in Landonline is I, II, III and IV. These are to be replaced with class A, B, C and D.

Parcel Appellation Type

LandXML/3 rd Party Software Parcel Name	Landonline Parcel Type
Principal Unit	Principal Unit
Esplanade Strip	Esplanade Strip

Parcel Intent

LandXML/3 rd Party Software Parcel Class	Landonline Parcel Intent
principal unit	Principal Unit
esplanade strip	Esplanade Strip
residue parcel	Residue Parcel
restrictive area	Restrictive Area

Topology Class

LandXML/3 rd Party Software Parcel Class	Landonline Topology Class
esplanade strip	Tertiary
residue parcel	Primary
restrictive area	Secondary

Note: Exporting parcels with a Parcel Intent of 'Residue Parcel' or 'Restrictive Area', using LandXML schema v1.0, will result in the parcels being exported with a Parcel Intent of 'Fee Simple' or 'Easement' respectively.

Equipment Type

LandXML/3 rd Party Software equipmentUsed	Landonline Equipment Type
scale	Old Adopted
other	Old Adopted
old adopted	Old Adopted

Type of Dataset

LandXML/3 rd Party Software SurveyType	Landonline Type of Dataset
surveyed	Survey
parcels without survey info	Parcels without survey info

The following values will Extract out of Landonline, however upon Import they will map to 'Null' as they are not supported by the new Rules for Cadastral Survey 2010 (with an exception to some parcel types)

Class of Survey

I, II, III, IV

Monument Purpose

Traverse

Origin

Origin/Witness

Origin/Witness/Boundary

Origin/Boundary

Boundary

Natural Boundary

Type of Dataset

Compiled

Computed

Parcel Type (where parcel class = 'created')

Easement

Marked

Flat

Note: Parcel types indicated above must still be allowed to Import back into Landonline where the XML file shows a 'parcel state' of:

'extinguished'

'affected'

'referenced'

This is because they are parcels that still exist in Landonline and are not being 'created' in the new survey.

An exception to this rule should apply to Stage Unit Development plans where a PUD already exists in Landonline which Proposed Parcel Types 'Unit'. An XML file with a parcel class of 'Unit <>' should still be allowed to import back into Landonline as the parcel that was initially created on the PUD has to be used in the Stages that follow the PUD. This will include Stage Unit Development , subsequent stages, Complete Stage, SPUD, subsequent stages, Redevelopment and Plan in Substitution.