

Land and Property Information (LPI) offers a streamlined digital ePlan lodgment system using LandXML.

Digital plan lodgment

The new digital ePlan system allows Deposited Plans to be lodged, validated and examined in a digital format. Approving authorities can benefit from faster data capture and more automated quality assurance processes.

The final approval stages for land development are usually when the most capital investment is tied up in a project. It is also the stage when the risk of re-work or regulatory delays will have the most impact on a project's financial success. Therefore, any efficiency gains that can be realised by approving authorities will also benefit industry and place downward pressure on the cost of new housing.

LandXML

LandXML is a file format used around the world to create, store and exchange survey and engineering data. In 2010 ANZLIC, through its Inter-Governmental Committee on Surveying and Mapping (ICSM), ratified LandXML as the standard for lodgment of plans in digital format.

LandXML stores cadastral plan data in a defined structure which facilitates automation of many processes. The use of LandXML allows survey and metadata to be created once and used by many without the need for manual data capture.

The benefits

Using LandXML can help to:

- save time reviewing applications
- save time by eliminating manual data capture
- potentially provide a better service to customers through a streamlined process
- increase confidence in the Deposited and Strata Plans you're approving.



Using LandXML

- Some organisations already collect CAD files with survey plans at the development application, service connection certificate or subdivision certificate stage. *Add LandXML as an acceptable submission format.*
- LandXML is supported by many software packages. *Convert LandXML into the format you need to import into your systems.*
- LandXML is 'intelligent data' it can be automatically checked for many surveying/ business rules using LPI's validation tool. *Ask for a validation report or create tools suited to your own business/statutory requirements.*

Validation service

Currently, the majority of Deposited Plans (lodged over the counter or in TIF format) are requisitioned for correction or further consideration causing costly delays for property development projects.

LPI offers a validation service for LandXML plans that will significantly reduce the number of requisitions raised. At the click of a button this service reviews a LandXML plan for over 100 business and surveying rules and regulations allowing issues to be identified and addressed before the plan is lodged with approving authorities and LPI.

The validation service for LandXML survey plans can be accessed online via the [LPI Online portal](#). The online validation service can be utilised by surveyors as often as needed and at no cost, prior to plan lodgment.

Rendering service

LPI is also developing a rendering service that renders LandXML files onto an approved LPI plan form. When completed, this service will reduce drafting requirements for Deposited Plans and help eliminate manual drafting errors. A prototype version of the rendering service is currently available for use by surveyors through the [LPI Online portal](#).

More information

For more information and contact details visit the LPI website at www.lpi.nsw.gov.au/plan_and_title_registration/landxml

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Validation Result Accepted
File Name DP1224828p_V1.

#	Rule:	Rule Description:	Status:	Error Message
0		Schema check	Passed	
1		Plan purpose	Passed	
2		Plan give effect to purpose	Passed	
3		Lot numbering	Passed	
4		Valid secondary parcels	Passed	
5		Parcel attributes	Passed	
6		Valid parish	Passed	
7		Valid County	Passed	
8		Valid LGA	Passed	
9		Valid Locality	Passed	

