

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. Surveyors can benefit from significant improvements in the efficiency of the plan approval and registration process.

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 will benefit your clients 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:

- improve quality assurance
- minimise requisitions
- reduce the risk of costly delays during plan registration
- provide a better service to clients through a streamlined process.



Support for LandXML

- LandXML is supported by many survey and CAD packages that are commonly used by surveyors in NSW. *Contact your software vendor to see if your software supports LandXML.*
- Software vendors run regular training courses with the support of LPI ePlan staff. *Contact your software vendor to inquire about and register for the next course.*
- LandXML is 'intelligent data' as it can be automatically validated using LPI's purpose built tools. *Upload your LandXML file through the LPI Online portal to run a validation check prior to lodgment and avoid unnecessary requisitions.*

Validation service

Currently, the majority of Deposited Plans in NSW (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 LPI.

The validation service for LandXML 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 | |

