

ePlan User Guide

for

Digital Plan Users

Lodging a Digital Deposited Plan

In order to lodge a Digital plan in NSW, the ePlan account holder must be a 'level 3' user. To become 'level 3' user, the user must be a 'level 2' user (Approved to Lodge TIFF plans for registration) already and contact the Digital Plans team for assistance in getting started. If the user currently does not have an ePlan account, they will have to go through an approval process for both TIFF files and digital plan files at the same time. For details on the ePlan approval process, please refer to the User Access section of 'ePlan Portal User Guide'.

The naming convention for the digital plan file within the lodgment bundle should be as follows:

[name]_p.xml

When creating the plan lodgment bundle, TIFF documents and the LandXML file are to be zipped together into a single package. This zip package can be uploaded by clicking 'Select a zip file' button as per Figure 1 below. Once the package is uploaded, as per the second figure below, click 'Next' button.

LAND REGIS	STRY	🏠 Ва	ck to NSW LRS Online		Logge	nd in as hchoi -	
ePlan Home myF	lans Lodge your Pla	n Re-Lodge your Plar	Utilities				
Lodgment Type 🖋	Plan Type 🖋	Upload Valid	ation Plan Details	Title/Plan/Note	LGA	Summary	
Lodgment ID: 2050	53						
Select a zip file*			Next				
I declare that any in document bearing the date of registration Cl. 52 Conveyancing (Cl. 33 Strata Schemes	age of a signed form, original of the signat	ure or seals. I agree t 13,) Regulation 2012,	n: lodged herewith for registra o hold the original forms, i				
REGIS SERVI	CES	🚹 Ba	ck to NSW LRS Online		Logge	ed in as hchoi -	
ePlan Home myP	ans Lodge your Plar	Re-Lodge your Plan	Utilities				
Lodgment Type 🗸	Plan Type 🖋	Upload Valida	ation Plan Details	Title/Plan/Note	LGA	Summary	
Lodgment ID: 2050	53						
■Select a zip file*	Dummyxml_P.zip		Next				
I declare that any im document bearing the date of registration (1. 52 Conveyancing (Cl. 33 Strata Schemes	age of a signed form, : priginal of the signat	ure or seals. I agree to 13,) Regulation 2012,	h: Lodged herewith for registra b hold the original forms, i				

Figure 1: Upload Stage of ePlan Lodgment

The lodgment portal will automatically run a Zip package validation (Figure 2) as well as digital plan validation (Figure 3) and return the results. LXML validation report can be downloaded in PDF format by clicking the 'Download LXML Report' button in Figure 3.

NSW LAND REGISTRY SERVICES		Back to NSW LRS Online		Logged in as hchoi -
ePlan Home myPlans	Lodge your Plan Re-Lo	udge your Plan Utilities		
odgment Type ✔	Plan Type 🖋 Upload	Validation Plan Details	Title/Plan/Note	LGA Summary
	file: Dummyxml_I	-	alidation Result	Download Details
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File Name DP1201829 s.tif		Admin Forms	,	
File Name DP1201829_s.tif DP1201829_p.tif		Admin Forms		
DP1201829_s.tif	Signatures/A	~	,	

Figure 2: Zip package Validation

ule	Rule Description	Status	Error Message
	Schema Check	Passed	
	Parcel line check (minimum one line)	Passed	
	Urban/Rural	Passed	
	Surveyed/Compiled	Passed	
	Misclose & Area calculation(s)	Passed	
5	Control Traverse Loop Misclose	Passed	
,	Lot Area exists	Passed	
1	SCIMS Sketch	Not Applicable	
•	Lot Area - Part Lots	Not Applicable	
0	Date of Survey	Passed	
1	Datum Terminals	Passed	

Figure 3: Digital Plan Validation Report

To move to the next step of the lodgment process, click the 'View rendered TIFF file to proceed' button in Figure 3. This will allow the user to download and view the rendered TIFF image and trigger the 'Next' button to appear on the bottom of the page (see Figure 4). If there is no drafted TIFF plan in the lodgment bundle, the rendered TIFF will be added to the lodgment bundle on the click of 'Next' button. If there is no TIFF and the LandXML file cannot be rendered, lodgment has to be aborted and drafted TIFF plan must be included in the Zip package.

<u>Note</u>: The majority of cases will require an uploaded TIFF image to be a part of the Zip package, due to current limitations of the rendering service.

dgment Type 🖌 🦷 Plan Ty	ype 🗸 Upload 🖌 Validation	ePlan Home	myPlans Lodge your Plan Re-Lodg	e your Plan Reque	st a PPN Utilities	Lodgment History	
odgment ID: 1037130							
Jploaded zip file: File Name	DP1255332_p.zip	Lodgment Type		Validation	Plan Details	Title/Plan/Note	LGA Summary
DP1255332_k.tif	Checklists						
DP1255332_s.tif	Signatures/Admin Forms	Uploade	d zip file: DP1255332_p.	zip			Download Det
DP1255332_p.tif	Plan	File Name	Document Type		Valio	dation Result	
DP1255332_p.xml	LandXML	DP1255332_k.	tif Checklists		×		
		DP1255332_s.	if Signatures/Adm	nin Forms	✓		
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Figure 5: after viewing the rendered TIFF

Continue with the lodgment process as per the normal ePlan lodgment process (See 'ePlan Portal User Guide')

Using the Digital Plan Validation Service

The Digital Plan Validation Service runs numerous automated checks on the uploaded LandXML file. This service can be accessed through the 'Utilities' tab of the ePlan Lodgment Portal and it can be used to validate the file prior to the lodgment (see Figure 5). This will assist the user with creating a file that complies with the NSW LandXML standard. Users can navigate to their chosen file by clicking the 'Browse' button. Once a file is selected, click the 'Submit' button to run the validation.

ePlan Home TIF Checker	Utilities Digital Plan Validation	Land XML Rendering	Plan Revision Date	
Digital Plan Val	idation Service			
Note: All plans	created in 2020 must use t	he 2020 LandXML Schema.		
		e LandXML file to be upload		
		alidate the LandXML file sel		
	a the automated tests and arding the issue(s).	you require further assistan	ce, please email DigitalPlans@nswirs.com.a	u with a copy of your file, contact details and
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🖀 Browse 🏶			Submit	
ePlan Ho	me Utilities			
		No. 1 and XML Decidering	Dise Devision Date	
TIF Chec		Land XML Rendering	Plan Revision Date	
Digital Pla	n Validation Service			
Note: All p	lans created in 2020 must us	se the 2020 LandXML Schema	a.	
		r the LandXML file to be uploa		
2. Click the	Submit button to upload an	nd validate the LandXML file s	selected.	u with a copy of your file, contact details and
2. Click the	Submit button to upload an	nd validate the LandXML file s		u with a copy of your file, contact details and
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2. Click the If you perf informatio	e Submit button to upload an ormed the automated tests a n regarding the issue(s). e EPlan_1240389_new_sc Rule Description Schema Check	nd validate the LandXML file s	selected. ance, please email DigitalPlans@nswirs.com.at Submit Status Passed	Download LXML Report

Figure 6: Digital Plan Validation Service

This will produce a validation report as per Figure 6 below, which can be downloaded in PDF format by clicking the 'Download LXML Report' button.

ePlan Home TIF Checker	myPlans Lodge your Plan Re-Lodge your Plan Request a PP		NSW LAI ABN: 23 5' GPO BOX Sydney NS DX 17 SYE	15 W 2001	1776 3575	NSW	LAND REGISTI SERVIC
Digital Plan Va	alidation Service		Lan	d XML Valida	tion Results	•	
Click the Bro Click the Sul	s created in 2020 must use the 2020 LandXML Schema. swee button to search for the LandXML file to be uploaded and valid bmt button to upload and validats the LandXML file selected. and the automated to tests and you require further assistance, please en garding the issue(5).	ated. nail DigitalPlans@nswirs.com.au with a copy of your file, contact details and	Validation File Name 1		Status: Error Mess Passed	age	
≇ Browse *	EPian_1240389_new_schema XML	Submit	3	Pares are check (minimum one line) Urban/Rural Surveyed/Compiled Misclose & Area calculation(s)	Passed Passed Passed		
		Dewnload LXML Report	6 7 8 9	Lot Area exists SCIMS Sketch Lot Area - Part Lots Date of Survey	Passed NotApplicable NotApplicable Passed		
Rule	Rule Description	Status Error Message	10	SCIMS data	Passed		
	Schema Check	Passed	11	Datum Terminals	Passed		
	Parcel line check (minimum one line)	Passed	12	Datum bearing	Passed		
	Urban/Rural	Passed	13	Datum distance	Passed		
	Surveyed/Compiled	Passed	14	SCIMS date	Passed		
	Misclose & Area calculation(s)	Passed	15	Control Connection(s)	Passed		
	Control Traverse Loop Misclose	Passed	16	Datum Verification	Passed		
	Lot Area exists	Passed	17	Number of SCIMS marks required	Passed		
	SCIMS Sketch	Not Applicable	18	Number of placed SCIMS marks required	Passed		
	Lot Area - Part Lots	Not Applicable	19	Combined Scale Factor	Passed		
	Date of Survey	Passed	20	Permanent Mark connections	Passed		
	Datum Terminals	Passed					
	Datum bearing	Passed					
	Datum distance	Passed					
		•					
					04/03/2020 15:26:48		Page 1 of 1

Figure 7: Validation Report (Web page: left, PDF: right)

When a Schema check fails, the validation service will run the rest of the rules but this may result in some of the rules not being able to function properly (See Figure 6 below)

₽Br	owse# EPlan	_1240389_new_schen	na_error.XML Submit
Rule	Rule Descript	tion Status	Download LXML Reg
			 Value 'From SCMS' is not facet-valid with respect to enumeration '[From SCIMS, Cadastral Traverse, Scaled From Map, Policy 3, AUSPOS, Static GNSS, RTK GNSS, CORS NRTK GNSS, CORS RTK GNSS, CORS Static GNSS, Autonomous GNSS, Policy 4, Policy 5]'. It must be a value from the enumeration.
2	Parcel line che (minimum one		
:	Urban/Rural	Passed	
L .	Surveyed/Con	npiled Passed	
;	Misclose & Are calculation(s)	a Passed	
;	Lot Area exist	s Passed	
,	SCIMS Sketch	Not Applicable	
3	Lot Area - Par	t Lots Not Applicable	
)	Date of Survey	Passed	
0	SCIMS data	Failed	1. This rule could not be run as required parts of the file are missing

Rendering Service

The Rendering Service drafts a plan image from a chosen LandXML file. The service can be accessed through the 'Utilities' tab of the ePlan Lodgment Portal. It can be used to render the LandXML file prior to the lodgment but this service is not fully functional and in most cases the plan which is generated will not be suitable for lodgment.

	Utilities										
TIF Checker	Digital Pla	Nalidation	Land XML Renderi	ng Plan Revis	sion Date						
EPlan Renderin	ig Service										
is currently in a	"prototype"	tage and is ur	eyors to render depos dergoing significant e een release for use by	enhancement wor	k. New versions o	of the ser	vice will b	e deploye	ed as enh	ancements	
surveyors for a	ll purposes up	to and includi	e. Providing the qualit ng lodgment. Only th and Strata Plans will	e A2 and A3 visua	lisation types are						
				be included in a lo							
Before uploadi	ng the file it sl	ould be valida	ted through the Land		ervice under the l	_XML vali	dation tak).			
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To render the L visualisation ty The file can be If you require a	LandXML file, i pe and click o submitted as assistance plea 22)9228 6907	isers should cl n the submit b many times as	ick on the browse but utton. The rendering required. Any issues	XML validation se ton, navigate to t vill be returned as	he relevant Land s a TIFF file and c	XML file i can be sav	n their loc red onto y	al drive, s our com	puter.		

Figure 9: LandXML Rendering Service