

# SPEAR

Surveying and Planning through Electronic Applications and Referrals



# ePlan Update

# ePlan Engagement Program

- Aims

- ePlan team visiting surveying firms to gain a better understanding of their business workflows and requirements
- Obtain feedback on the current and future development of the ePlan visualisation product and validation service
- Demonstrate to surveyors the ePlan workflows who use:
  - LISCAD,
  - GeoCivil, or
  - AutoCAD Civil 3D

# ePlan Engagement Program

- Workshops:
  - SMEC (30 April 2015)
  - Bosco Jonson (13 May 2015)
  - Beveridge Williams (5 June 2015)
  - Nobelius Land Surveyors (12 June 2015)
  - Charter Keck Cramer (14 August 2015)
  - Reeds Consulting (16 September 2015)
- ePlan team will provide a case study investigation from data provided by the respective firms to determine potential time/cost savings from the ePlan services

# Victorian ePlan Implementation Progress

- Since May 2013, ePlans have been able to be lodged in SPEAR instead of the PDF drafted by the surveyor
- Most Subdivision Act application types currently supported by SPEAR can be lodged as ePlans (e.g. Plan of Subdivision and Stage Plans)
- SPEAR validates the ePlan data and creates a PDF
- 7 surveying firms have submitted ePlans to SPEAR
  - SMEC, Geometri, Absolute Surveying, Walpole Surveying, Berry & Whyte Surveyors, Digital Land Surveys and CAF Consulting
- 43 ePlans submitted since May 2013 with 18 registered



# ePlan Services within SPEAR



ePlan services are provided as part of SPEAR. They can be accessed via:

- Logging into SPEAR
- Guest access from SPEAR web site
- Web services called from surveying software packages

# Visualisation Enhancements and Examples

- SPEAR used Queensland visualisation web service from 2012 until mid-2014
- Since mid 2014 Land Victoria has maintained and hosted the Victorian visualisation service
- To date there have been 3 releases, with the main focus on:
  - Improving the look and feel of the plan
  - improving labelling and arrowing of the data
  - supporting further application types

# Scheduled ePlan Enhancements

- SPEAR Release 4.2 (Oct 2015)
  - Supporting plans under Section 23/24A/32B as well as text-only plans
- SPEAR Release 4.3 (May 2016)
  - Supporting Boundary Plans
- SPEAR Release 4.4 (Oct 2016)
  - Supporting Transfer of Land Act applications (Section 60, 103, 99, 15 and 26P) and Crown Plans
- Future Releases
  - Supporting 3D building subdivisions



# 3D Digital Cadastre Investigation

- Following the ICSM Cadastre 2034 Strategy, the ePlan Working Group has started to explore the requirements for supporting building subdivisions in ePlan
- Land Victoria formed a 3D Working Party in 2014 to investigate the introduction of 3D digital data and its implications for Victoria relevant to the cadastre
- The 3D digital cadastre technical requirements (including data modelling, visualisation and validation) are under investigation by the Victorian ePlan team

# 3D Digital Cadastre Investigation

- The Land Victoria 3D ePlan Prototype was published on the SPEAR website in May 2015
- So far, the Prototype has received 714 visits from 26 countries.

