

SPEAR System Requirements (A2P usage)

		Councils & Applicants		All other users
		Planning	Subdivisions	
Accessing SPEAR	<ul style="list-style-type: none"> Need to be able to access SPEAR website: http://www.landexchange.vic.gov.au/spear/ 			
Browser	<ul style="list-style-type: none"> Internet Explorer Version 6.0 and 7.0, Mozilla FireFox Version 2.0 to 2.0.0.3 are supported by SPEAR 1.6. Likely to work with other versions, but may be occasional formatting anomalies. 	Required	Required	Required
Broadband	<ul style="list-style-type: none"> Recommended as Dial Up is slow particularly for loading/downloading documents. 	Recommended	Recommended	Recommended
Browser Options: Java & Java-script enabled (Browser setting)	<ul style="list-style-type: none"> Recommended to maximise full functionality of SPEAR (usually default setting) – see your IT. Mandatory for digital signing. 	Recommended	Mandatory	Recommended
Adobe Reader (for reading PDF files)	<ul style="list-style-type: none"> Required for all users. Version 8.0 is recommended, and is required for interacting with online 'forms'. Version 5.x and later will be sufficient for reading PDF files stored in SPEAR. 	Required (8.0)	Required (7.0)	Required (8.0)
PDF Writer More details in FAQ on Web site.	<ul style="list-style-type: none"> For creating copies of Plans of Subdivision, a PDF writer capable of at least Version 1.2 or greater is required. All other documents loaded into SPEAR may be created with any one of a range of free-ware or commercially available PDF writers. Note that a PDF writer that can link pages into one file is required for surveyors and may be handy for other users. 	Required	Required	Required
SPEAR email notifications	<ul style="list-style-type: none"> IT to ensure that SPEAR system generated emails is recognised/allowed through organisations firewall/mail server. 	Required	Required	Required
E-mail address	<ul style="list-style-type: none"> One for each Organisation Site (option of two for councils & RAs – one for permits and one for subdivisions), OR One for each self-registered individual. 	Required	Required	Required

Additional requirements if using digital signing of documents				
Digital Certificates (DC)	<ul style="list-style-type: none"> • Only required for users who will be signing documents – other users do not require. • Note: Applying for Digital Certificates will generate the signing and encryption keys on their computer and the keys will sit in the computers registry until the process is completed (may be months) when they will be exported and backed up. Any major IT upgrade may upset the digital signatures in the registry. The applicant must use the same computer, login and browser to complete the process." • Enable 'Active X' to allow downloading and creation of Digital Certificates. • If you have a full Citrix system you will need to apply, download and use your Digital Certificate on a 'stand alone' PC outside of the Citrix system. • If you have a 'locked down' IT system you will need IT to unlock to allow download of Digital Certificate and access in Internet Explorer and also to load the application 'Common Signing Interface' (CSI). 	Optional for Councils	Mandatory	Not required
Common Signing Interface (CSI) Latest version available from SPEAR's 'downloads' link.	<ul style="list-style-type: none"> • Only required for Digital Signing. Digital Signing required for Licensed Surveyors and council users that are signing subdivision plans for certification & Statement of Compliance. Other SPEAR users (non signing) do not require. Optional for digital signing of Permits by council. 	Only required if using Digital Certificates	Required.	Not req'd
Network, firewall or Mailbox settings to be aware of.	SPEAR makes use of standard HTTP and HTTPS to port 80 of the Land Exchange web server. No special actions or set-ups are required by subscribers or organisations to access the SPEAR server. However, for organisations that have FIREWALL restrictions in			

	<p>place, they will need to ensure they have RULES in place to allow their users' access to the SPEAR server. In addition, for users with Mail sweepers, they also need to have Rules in place to allow emails from SPEAR to be delivered.</p>			
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