**System Requirements**

All users need to be aware of several system requirements before using the SPEAR system, including browser options, PDF writer and email notifications.

**Minimum System Requirements**

* Windows computer (Win 8 or later)
* 1024 x 768 screen resolution
* Windows: 1.5 GHz processor speed and 50% free CPU
* Installation of anti-virus in line with the Subscriber Security Policy.

**Supported Browsers**

* Chrome on Windows - latest stable version (Preferred)
* Firefox on Windows - latest stable version
* Microsoft Edge on Windows - latest stable version.

**Internet Access**

* The SPEAR System is a web-based platform. Subscribers must have an adequate level of internet access to guarantee the system’s functionality.

**Document Access**

* PDF Reader such as Adobe Reader. The latest version is recommended. Version 5.x and later will be enough for reading PDF files stored in SPEAR.

**Digital Certificate Installation Requirements**

Surveying organisations, lodging parties and Responsible Authority subscribers require at least one Certificate Manager with a digital certificate. Additional users with signing permissions also require a digital certificate. Currently, DigiCert Gatekeeper is the only certificate authority supported by SPEAR.

The following additional operating environment requirements apply for installing digital certificates:

* Supported Browsers (for installation only) - Mozilla Firefox, Microsoft Edge, Google Chrome
* Appropriate local system rights

The DigiCert Desktop Client is required to install the Digital Certificate into the Microsoft Certificate Store. (This program will be available for download during the installation process)

If you are installing your certificate onto a SPEAR provided USB Token, the following will also be required:

* A secure hard token provided by SPEAR for certificate storage
* An available standard USB 2.0/3.0 ports
* Gemalto SafeNet hard-token driver software. [Download Here](https://www.digicert.com/kb/code-signing/safenet-client-installation.htm)

**Digital Certificate Signing Application Requirements**

* 64bit (x64) Windows operating system.
* May require security exceptions for installing applications on your organisation systems.

**Digital Certificate Signing Requirements**

* Signing may not work with an active VPN or on a remote desktop application.
* Exceptions to security and firewalls may be required to allow the .signing file and SPEAR Signing applications communication.
* If you use ssl decryptions / inspections, an exclusion rule should be added for the following domain: [www.spear.land.vic.gov.au](http://www.spear.land.vic.gov.au)