

# SIX-SCIMS Project

## An Integrated Delivery System for Survey Control for NSW



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### **Introduction**

*It has been a over a decade since the development and release of the current GDA version of the SCIMS Online product, and 17 years since the first external access to SCIMS data was made available*

*The previous versions are/were focused on the delivery of the geodetic spatial data and because of technology or lack of it the navigation to and selection of marks was limited. The development of the Spatial Information Exchange (SIX) Viewer product, now allows for the graphical display of survey marks on a state wide basis. This product has established the environment to integrate all spatial/metadata and imagery relating to control survey marks.*

*This presentation will be more a demonstration of the new Generation SCIMS Online product than discussion of the philosophy and technology behind its development.*

*I must apologise to organisers as the development team had intended to launch SIX-SCIMS today, however technology has not been kind with the untimely death of our development server at the final hurdle. As it is I hopefully will deliver a live demonstration of this new LPMA product. If this live demonstration fails I will revert to a PowerPoint presentation.*

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## SIX-SCIMS Key Points

SIX-SCIMS will have SIX Viewer frontend, based on the Survey Mark Channel.

Improved navigation tools to define area of interest.

Map toolbar tailored to survey industry needs

Allow for the graphical selection of survey marks using rectangle, radial and polygon search types as well as the option to enter a list of marks required.

Will provide access to SCIMS spatial data, metadata and Locality Sketch Plans in one website.

Options to download data will include:

Pdf: standard Acrobat Reader file format this file can include all SCIMS spatial data , any metadata, an image of the search area and all locality sketch plan images of the marks selected

CSV: standard comma separated variable file format for download to survey application

Moss: standard file format for download into Compunet software.

An integrated e-commerce system has been developed and will allow payment for searches by credit card or monthly account. Monthly invoices will be fully itemized and delivered directly from the LPMA accounts system

It is comforting to know that many of the new functions developed for the SIX-SCIMS project will be used in new SIX products now under development.

## Special Note

SIX-SCIMS will only be accessed through the SIX- Survey Services Portal.

Remember the Survey Portal is an individual access. Any surveyor, field assistant or office staff who requires access to SCIMS will need a Survey Portal access.

## Special Thanks

I would like to thank the SIX-SCIMS development team of Belinda Mead, Simon Reynolds, Kelvin Cooke and Daniel Miller for their enormous contribution and patience with this project.

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