



Survey Management System is a versatile and comprehensive suite of level, traverse survey programs and geodetic transformations. It is a model of Digital Surveying to provide a standardised survey interface and spatial information database. With emphasis on management, options include monitoring, sections and volumes as well as interface to custom mapping packages, fig 1.0. It ensures high level of productivity and efficiency in major projects.

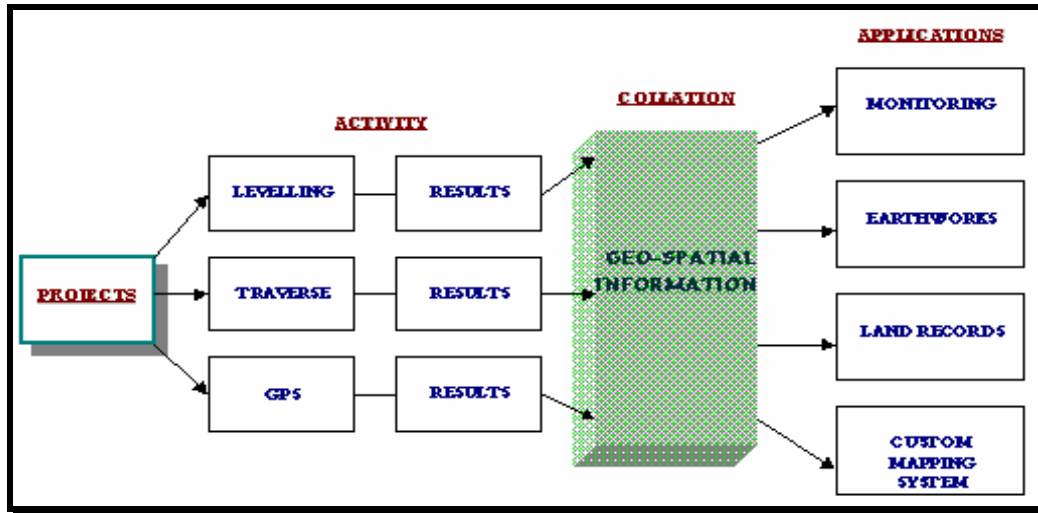


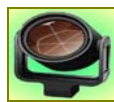
fig 1.0

Using the manual

SMS has uniform functions with identical menu events between activities. This means that procedures on processing a level network are identical to those for computing a traverse survey network. Nevertheless, in order to maintain clarity and ease of use, this manual is divided into three self-contained sections:



Levelling



Traversing



GPS

Foundation

SMS is a single program with management that is standardised on job-index database. The above sections are fields of information within this structure. While project execution involves surveying activity, which may require all or either of Levelling, Traversing and GPS, the end result always provide spatial information. Hence the focus of SMS centres on data acquisition, results and use of survey information.

Conclusion

This introduction completes the preliminary step to using SMS. The next stage follows in the appropriate sections.

