

INSITE CASE HISTORY:



BRISBANE PORT EXPANSION

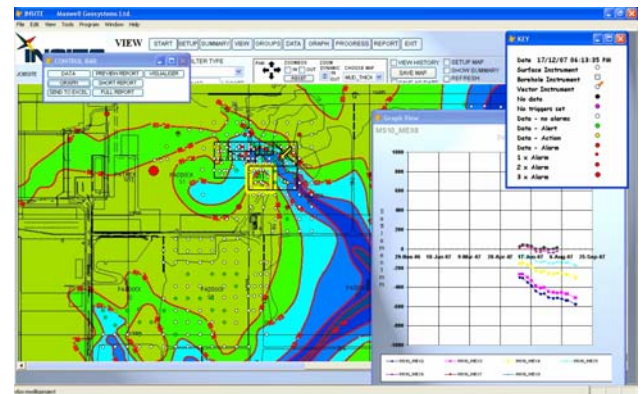
The INSITE system was used by the Brisbane Port Authority to integrate their existing SQL Server based survey database with geotechnical monitoring and investigation data and allow web based secure access to third parties for remote analysis.



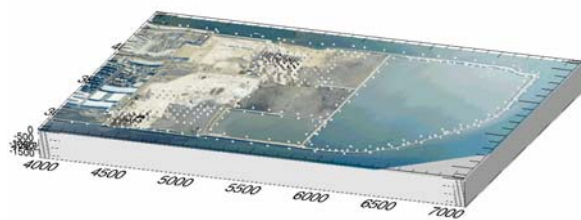
Rapidly changing topography demands flexible systems

Flexible Systems to Fit Your Needs Reclamation projects pose significant challenges. One of the most important features of INSITE is its ability to accommodate frequent revisions of data points (lost, replaced or extended) whilst keeping the database information current and useful from a design point of view.

INSITE is acting as a tool for Coffey's design staff to track the behaviour of the reclamation during filling and to follow the effectiveness of various ground treatment techniques devised by the Port's ground improvement subcontractors. INSITE is also being used to track construction progress and as a front end for the management of testing and ground investigation data.



Tools to Aid the Designer INSITE's advanced visualization tools enable Coffey's staff to produce contours and 3D surfaces quickly and to animate a variety of data against time. This helps to bring out trends and aid preparation of informed forecasts of future reclamation settlement and fill/treatment requirements. The tools are programmed using IDL (Interactive Data Language) which incorporates interactive iTools which are fully customizable by the user so you can record, run and edit MACROS, save current procedures to savestate files and edit them to produce your own visualization programs



Remote Access to data. INSITE is also on the WEB. INSITE SERVER

handles the delivery of processed data to MySQL databases on your own subdomain of the Maxwell Geosystems website. This easy to use interface allows a user to select instruments and plot them in a variety of forms and groups. Data can also be downloaded to Excel for further study. This online system has been modified for the Port project so that Subcontractors undertaking ground improvement trials are limited only to data relevant to them.

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