

## Trimble Releases SiteVision Version 5


Developed by the Caterpillar and Trimble Joint Venture, SiteVision version 5.0 was released at Intermat, introducing a range of user-friendly enhancements.

Terrain mapping is a feature that might make an entire SiteVision system pay for itself. On jobs where a contractor is being paid by the cubic metre, instead of having disputes with the project manager or surveyor about how much has actually been done, this tool will enable the machine to create a terrain or topographical map of the area it has passed over. That is, the whole of the project area, if that's what is needed. By logging this data, the contractor can both gauge the progress of the work at any particular time, and accurately calculate the volume moved. Probably more accurately than the surveyor can.

Cut/fill mapping is also a highly useful feature. As a job progresses, the system calculates and displays the cut or fill required, showing various areas in different colours to indicate whether they are high, low, or on the money. The operator will find that this visual 'instant reference' will enable him to grade an area with fewer passes, and move material more efficiently.

Coverage mapping provides visual feedback as to the number of passes that have already been made over an area, which should be particularly useful to compactor operators. The operator is able to enter the number of passes required, and the mapping display then gives him a visual check of how many have been executed.

Enhanced avoidance zones are established to enable the operator to clearly identify areas he needs to avoid. Rob McMahon is using this to great effect on a Melbourne golf course job that has aboriginal archaeological areas that need to be protected. Bells ring and whistles blow when he gets anywhere near them, and they are not at all visible on the ground.

Good stuff. Very logical, and useful. 



**Popular viewing at the demonstration area of the Intermat show, Cat put a range of new tracked skid steers through their paces. The 'ASV' sign stamped onto the undercarriage gave away their PosiTrack heritage.**