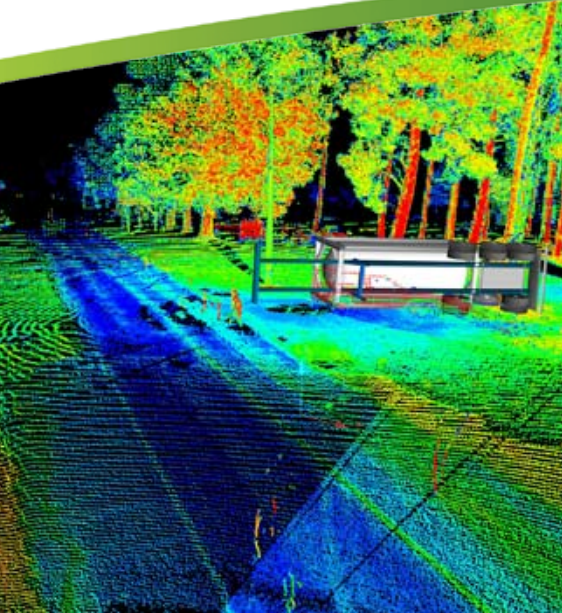




# MAPTEK™ I-Site™ Forensic



*Survey technology for crash investigation*

## 3D Laser Imaging System Survey Technology

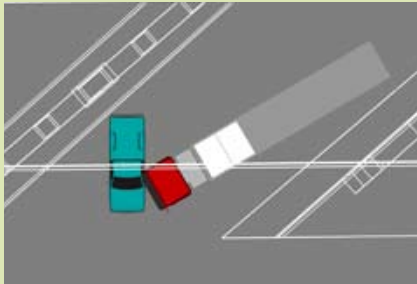
**The Maptek I-Site™ 8800 3D Laser Scanner is the ideal system for surveying large-scale accident scenes.**

It features a unique combination of 3D laser scanning, high resolution digital photography and survey methodology. The single operator system acquires spatial data from an accident scene at a rate of 8800 point measurements per second. A complete photographic record of the scene is captured simultaneously.

The I-Site 8800 laser scanner can measure and record all vehicles and structures in an accident scene up to a range of 2000 metres.



# I-Site 8800 3D Laser Imaging



- Safe working conditions are ensured through remote survey and safe operator working distance from a crash scene.
- Crash investigations can be carried out very quickly, which allows for rapid road clearing.
- Non-subjective data gathering - all data is collected from the scene, regardless of individual operators.
- The scanner data can be used to generate road surfaces for use with vehicle dynamics software such as HVE.
- Crash scenes can be viewed from multiple witness points of view.
- Measurements can be made between any two data points.
- The scanner data can be used to generate 2D CAD plans and comprehensive 3D models for court room graphics.
- A single operator can attend a crash scene and complete a full multi-scan survey within 45 minutes.
- Individual scans can then be combined to cover large-scale accidents and to ensure scanner coverage from every angle.
- Scan data is archival in nature; point data cannot be deleted or moved within files.
- For scans conducted at road level, the resulting data can be viewed from any perspective, making generation of aerial plans easy.
- The scanner can be setup on overpasses or cherry pickers to gain more comprehensive coverage of scenes.

## **Combined laser scanner, high-resolution panoramic digital imaging and survey instrument**

- collect over 8800 points per second
- rapidly map incident scenes in 3D up to 2000m
- calculate distances, areas, volumes instantly
- powerful software to manipulate and interrogate data
- record scenes from remote setup, no access needed
- 70 megapixel image rendering over 3D point cloud
- map incidents in true 3D without disturbing the scene
- extremely easy to use with ruggedised hand-held controller
- create forensic signs and scaled people
- create dimensioned CAD drawings with scale bars