



3D Laser Scanning Investigator for Accidents, Terrorist Attacks and Crimes

SCDS offers versatile tools (H/W and S/W) which can support both day-to-day investigations and homeland security missions. SCDS provides specialized tools for collecting, analyzing, managing and archiving the information and data used in accidents, terrorist attacks and crimes investigations. One of the challenges of analyzing such events is that what constitutes important evidence may not be obvious until long after the scene has been cleaned up. SCDS provides various means of collecting as much information as possible in those situations, locating objects in a scene, complementing with dimensional information, collecting and analyzing details about crucial evidences. SCDS also provides its proprietary MetaDataExpert™, a multi-graphical and visual expert system for managing and archiving the whole info/data package involved in investigations.

Technological Advantages and Benefits:

- o addressing several specialized applications: Terrorist Attacks, Accident/Crash Reconstruction, Crime Scenes, Post-Blast Investigation, Fire Scene Reconstruction, Shooting Reconstruction, Vulnerability and Threat Assessments, etc.
- o fastest technologies of capturing the investigation details; providing exact measurements to scientifically assess how things occurred
- o assuring the evidence integrity; recording, archiving and preserving crime scenes in 3D forever
- o integrating complete 2D/3D CAD drawing tools, manual measurements, GPS and Evidence Recorder data
- o powerful forensic animation features allowing for creation of compelling reconstructions
- o freezing the crime/terrorist attack scene in time; bringing the crime scene to the court
- o providing valuable information for analyzing and examining different scenarios
- o preserving the integrity and avoiding the contamination of the crime scene
- o proving and showing whether or not the line-of-sight obstructions are physically possible
- o helping investigators to understand the event's environment and conditions

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