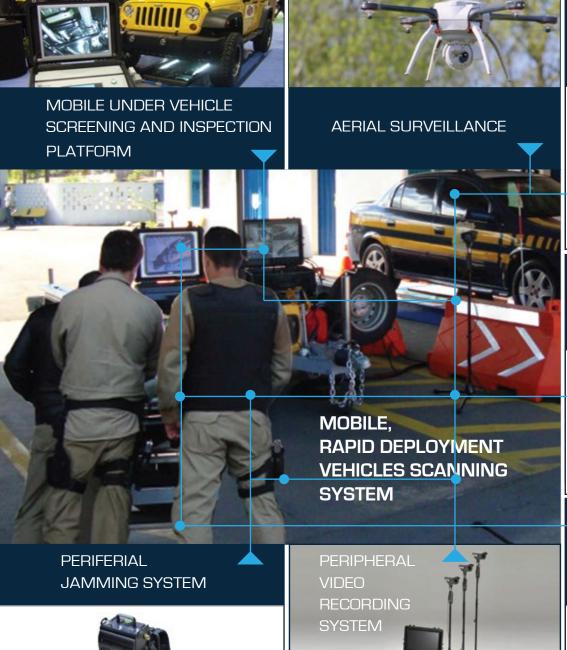
SPHERETM

Comprehensive Integrated Inspection System

LDS' SPHERETM - is a comprehensive, integrated array of inspection and detection systems providing security forces the ability to rapidly deploy and effectively detect explosives materials and narcotic substances in the field



LASER **DETECTOR**



CHEMICAL DETECTOR



IMS TECHNOLOGY **DETECTOR**



SPHERETM

Comprehensive Integrated Inspection System

SPHERE™ system integrates explosive detection systems of different disciplines and detection techniques, all designed for rapid, simple operation by ordinary law enforcement agents. These systems are designed to effectively and rapidly inspect materials, vehicles and people for the presence of explosives or narcotic materials.

In addition to detectors that rapidly identify explosive and drugs SPHERETM also incorporates complimentary and supporting elements necessary for snap roadblocks, such as, mobile vehicle scanning systems that detect concealed objects underneath vehicles, 360° ground and aerial surveillance and Counter-IED jammers ensuring self-protection of the deployed force.

SPHERE™ sensors consist of LDS' exclusive Laser Raman Spectroscopy technology, Ion Mobility Spectrometry (IMS) and chemical detection systems. These sensors detect explosive materials or precursors in bulk, powder, liquids, and traces in vapors or particles. Applied in mobile, hand-held devices, and supported by mission control and communications, SPHERE™ enables rapid dissemination of intelligence and threat libraries, enabling security forces to focus on new threats or intelligence gained from forensic investigations of terror attacks or crime scenes.

Inspection checkpoints are assembles in minutes, effectively intercepting explosive devices in transit or movement of explosive precursors – providing law enforcement forces with unprecedented levels of control

SPHERE™ Advantages and Benefits

- High probability of Detection of Explosives and Narcotics
- · Field Operation
- · High Throughput
- · Rapid Setup & Teardown

Deployment Schedule

