

Vehicle Security Inspection System

VSIS



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PCS Security has developed a technical solution for more effective vehicle screening and profiling against vehicular bombs.

Conventional vehicle screening systems inspect undercarriage of vehicles. What they look out for are vehicles which may have been tampered or rigged with an explosive device. In such cases, the target is the vehicle itself and its occupants. This is not the threat we face today.

The threat of the "vehicle bomb" is different in nature and in its scale of potential impact. The vehicle is not a target. The vehicle is used as an instrument to hide, house and transport a large store of explosives which when detonated would cause maximal damage to property and lives in proximity. This scenario of the "vehicle bomb" is what the PCS Vehicle Security Inspection System directly addresses.

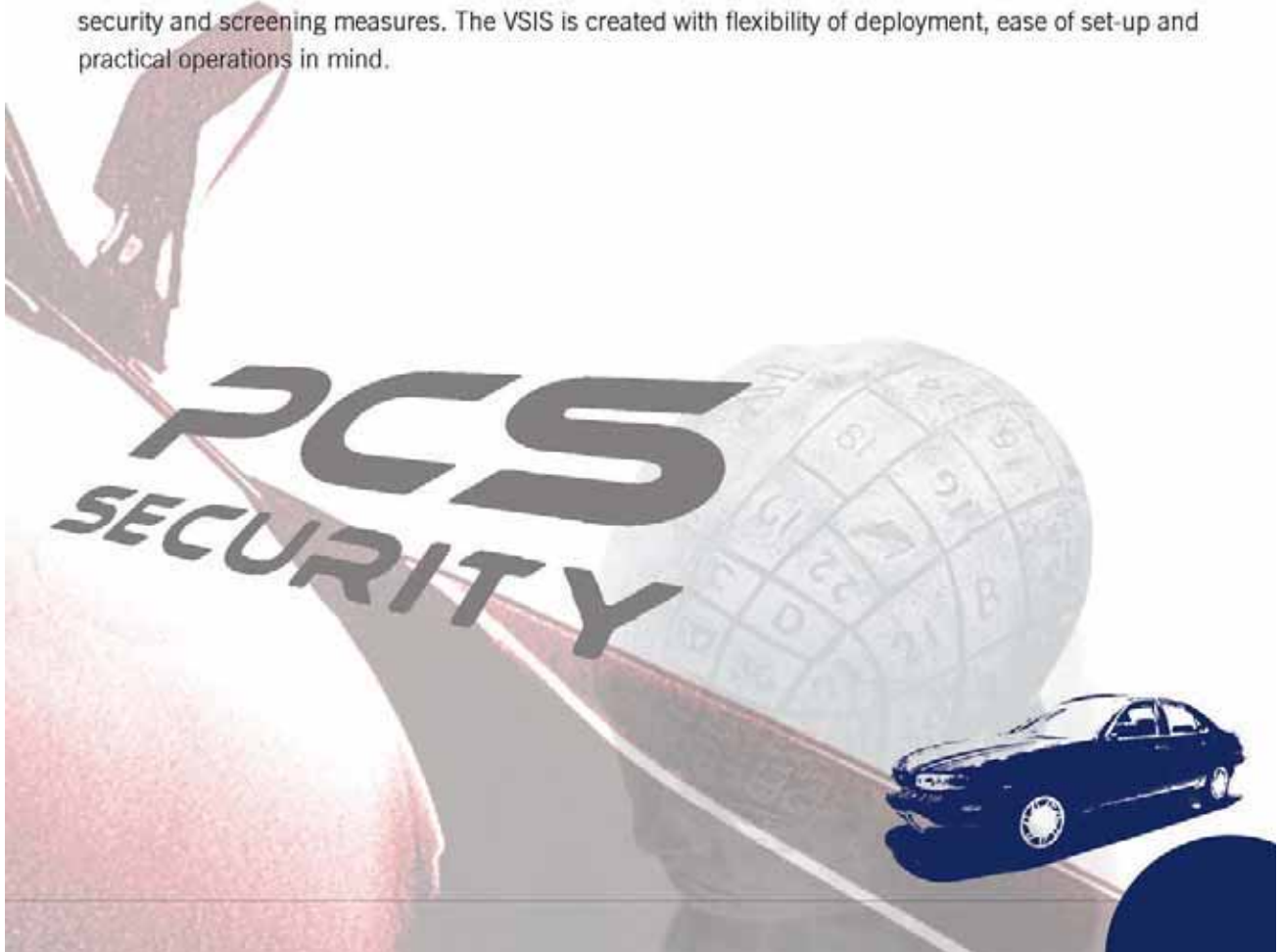


ABOUT THE VSIS

The Vehicle Security Inspection System enhances security screening of vehicles to identify suspected "vehicle bombs" by instantly measuring the aggregate weight and weight distribution of the incoming vehicle and analyses it against a database of standard weights of the vehicles according to make and model. Automated analysis of the data would identify a vehicle which is "suspicious" according to a 3 tier classification system and prompt security personnel to then conduct appropriate preventive security protocols.

The VSIS is also equipped to instantly and simultaneously conduct other screening processes as a secondary layer of checks. For instance it can help detect vehicles which bear false registration plates. This indicator of a stolen vehicle is pertinent to the scenario of a vehicle bomb given this known modus operandi of terrorist in past cases.

The VSIS is built on a modular basis which is scalable to enable field upgrades as well as storage capacity enhancement or to add new security features. The VSIS can be used in conjunction with other security and screening measures. The VSIS is created with flexibility of deployment, ease of set-up and practical operations in mind.



The Basic System Consists Of 4 Main Modules:

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- ▲ **Integrated Weight Measurement Sensors**
- ▲ **Computerised Analysis Station**
- ▲ **Vehicle Registration Plate Recognition System**
- ▲ **Vehicle Registration Plate - IU Cross - Verification System**



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