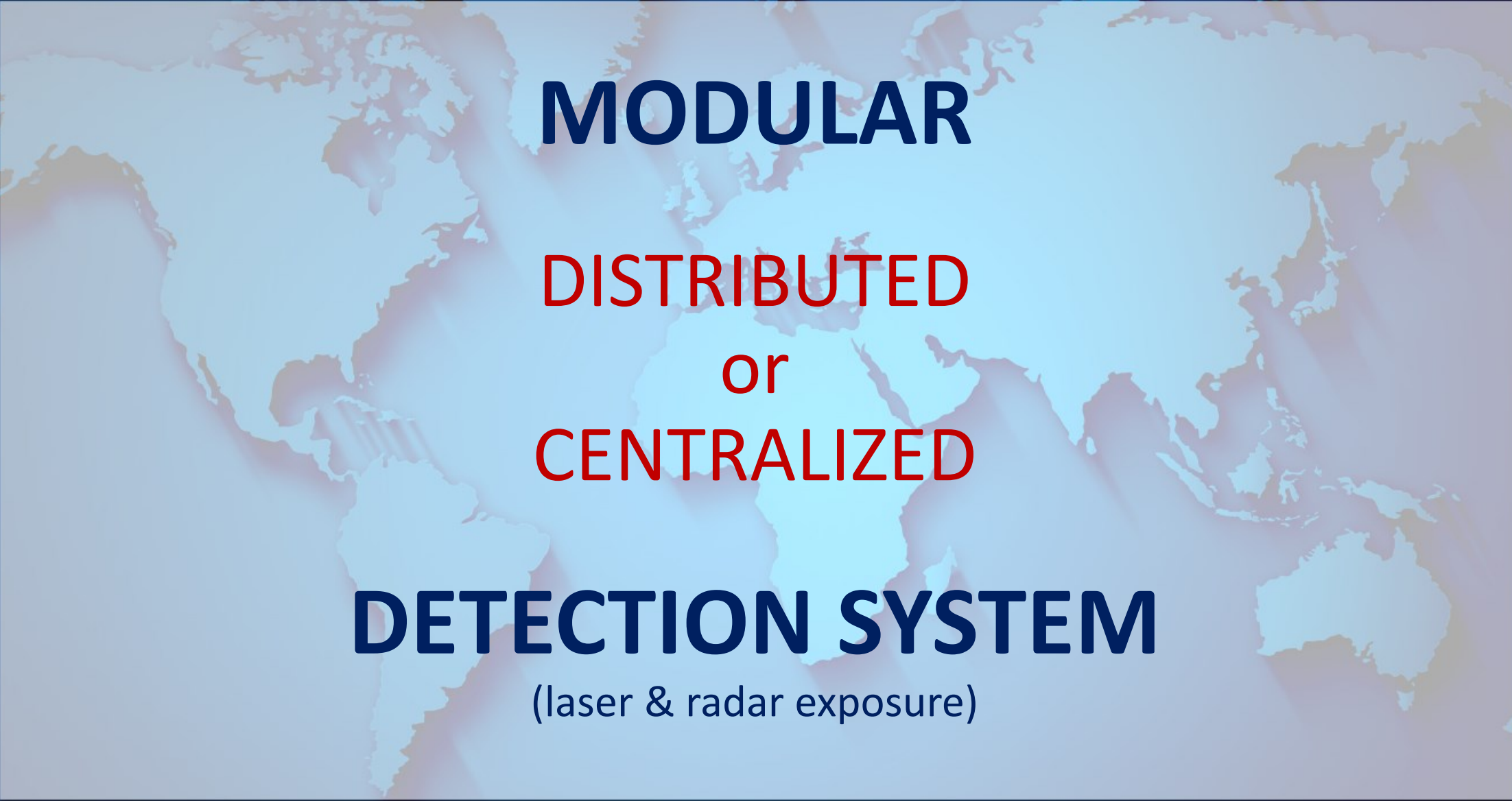




LARDESYS

L A S E R R A D A R D E T E C T I N G S Y S T E M



MODULAR
DISTRIBUTED
or
CENTRALIZED
DETECTION SYSTEM
(laser & radar exposure)

MISSION

SITUATION AWARENESS

MONITORING, DETECTION, WARNING & PROTECTION
SMALL, MEDIUM and LARGE OBJECTS

- ▣ MOBILE GROUND
- ▣ STATIONARY GROUND (CIP, VIO)
- ▣ AIRBORNE
- ▣ NAVAL OBJECTS

**AGAINST LASER RANGEFINDERS, TARGET DESIGNATORS,
BEAM RIDERS AS WELL AS RADAR EXPOSURE**



MAIN CHARACTERISTICS

- ✦ HIGH SENSITIVITY
- ✦ HIGH SURVEILLANCE CAPABILITY
- ✦ LOW FALSE ALARM RATE
- ✦ EXTREMELY LOW RADAR CROSS SECTION
- ✦ PARAMETRIC MEASUREMENT
- ✦ THREAT DISCRIMINATION AND AMBIGUITY RESOLUTION
- ✦ OPTIMUM ANGLED SURFACES

- ▣ RUGGED ALUMINIUM ALLOY STRUCTURE
- ▣ SCALABILITY THROUGH MODULAR ADDITION OF SENSORS
- ▣ HEMISPHERICAL COVERAGE
- ▣ SEMI - AUTOMATIC **OR** AUTOMATIC MODE
- ▣ MEETS ALL CURRENT MIL-STD SPECS
- ▣ EASY AND HIGH-IMPACT INSTALLATION
- ▣ FRIENDLY USE

MOBILE GROUND

THE COMPLETE INTEGRATED SYSTEM

- **CENTRAL UNIT** processes information from the detection modules/heads, evaluates, provides operator with a summary about the laser and radar activities
 - **DETECTION HEAD/HEADS** (centralized configuration)
- OR**
- **INDIVIDUAL MODULES** installed around the vehicle hull/chassis (distributed configuration)
 - **EXTERNAL SMOKE GRENADE LAUNCHER CONTROLLER** optional

DISTRIBUTED

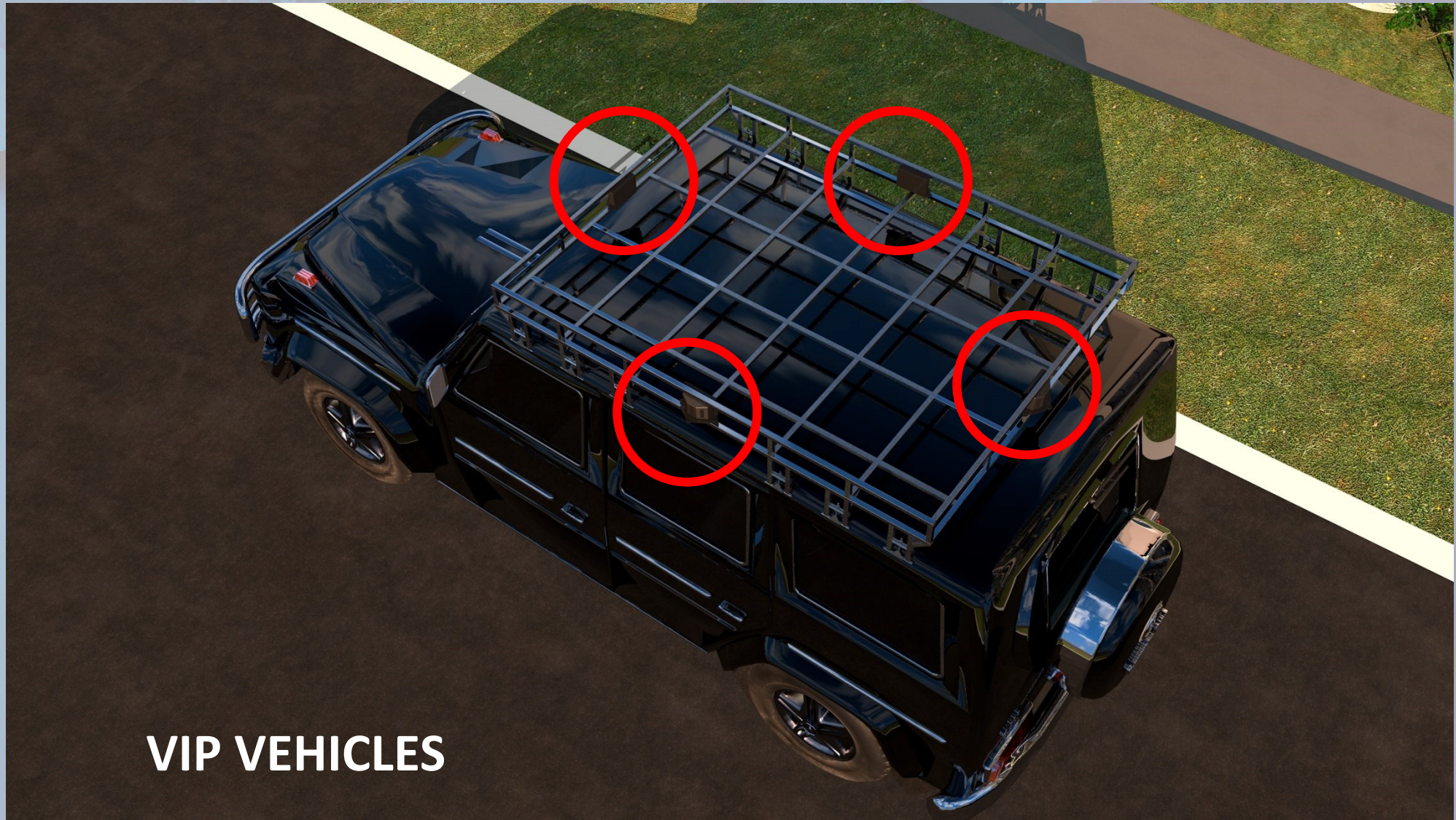


OPTIONAL

CENTRALIZED



OPTIONAL

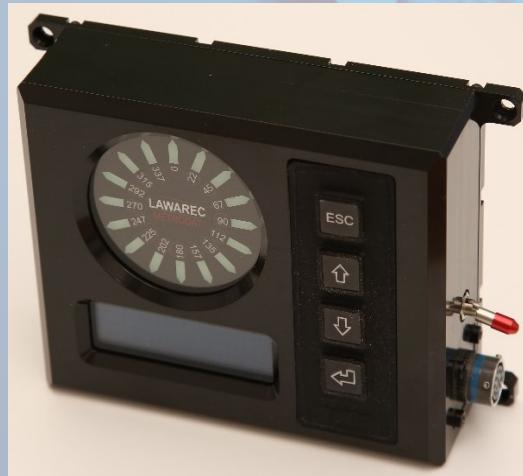


VIP VEHICLES

STACIONARY GROUND – CIP, VIO

- ▣ HEXOCULUS or/and OCTOCULUS or/and QUADROCVLUS DETECTORS
- ▣ VARIETY OF SENSITIVITY, ANGULAR RESOLUTION & SPECTRAL RANGE
- ▣ ADEQUATE NUMBER OF SENSORS AT VARIOUS LOCATIONS
- ▣ 360° IN AZIMUTH
- ▣ 90° IN ELEVATION.
- ▣ CONCENTRATORS
- ▣ COMMUNICATION UNIT
- ▣ CENTRAL EVALUATION UNIT
- ▣ POWER UNIT
- ▣ SMOKE GENERATORS





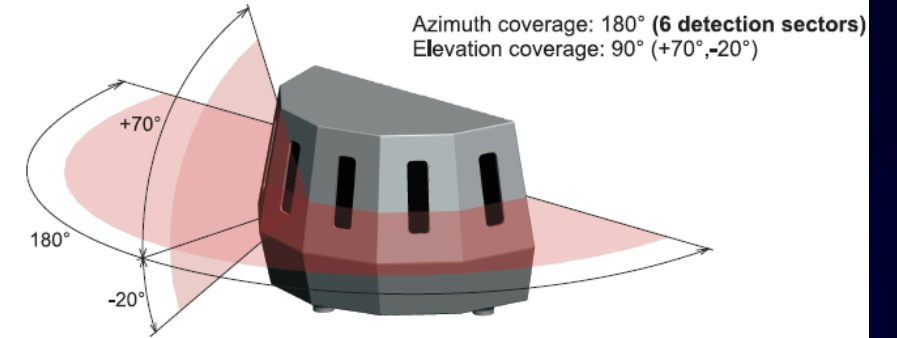
AIRBORNE



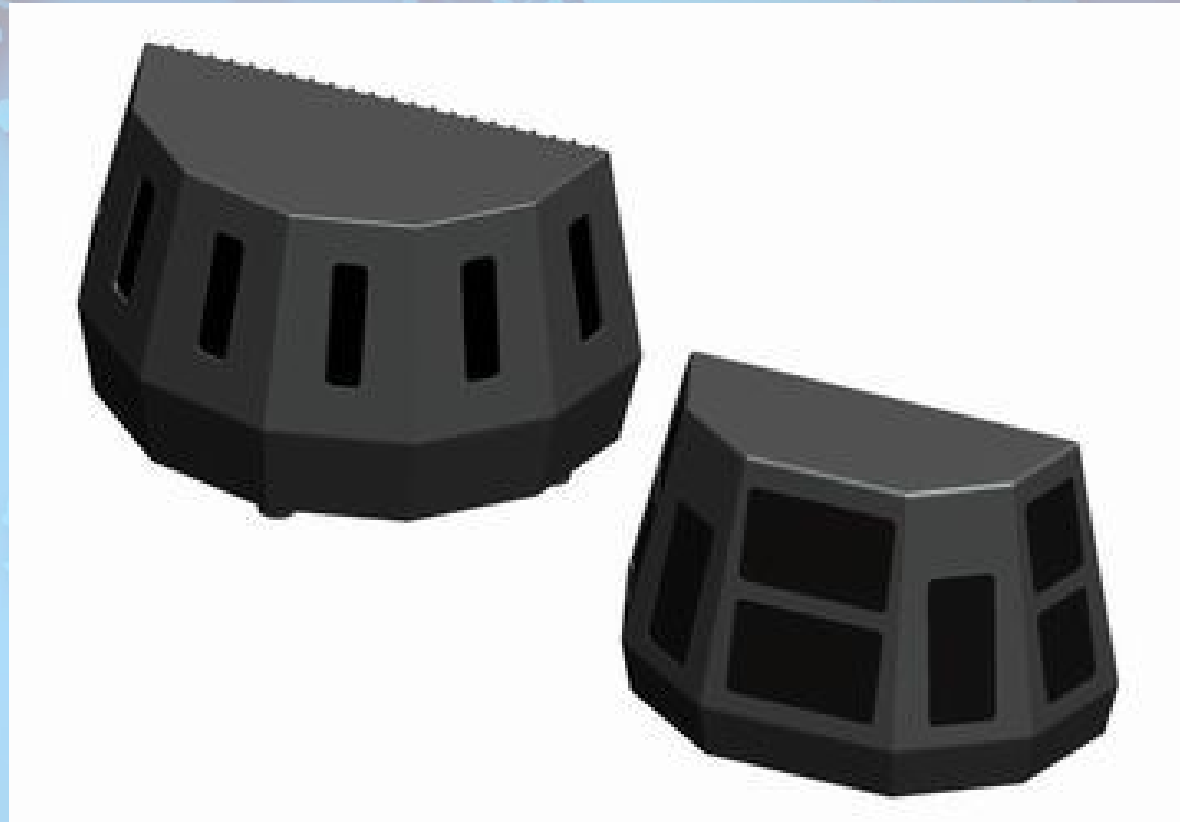
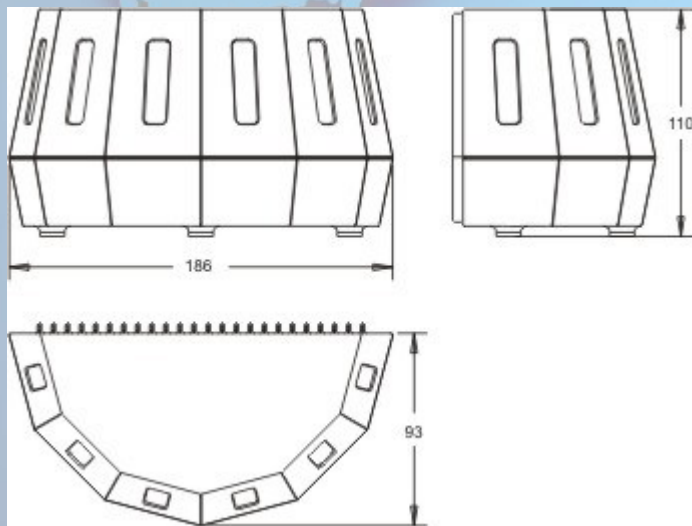
NAVY

- ▣ HEXOCULUS MODULES – INDEPENDENT UNITS
- ▣ CONCENTRATORS
- ▣ COMMUNICATION UNIT
- ▣ CENTRAL EVALUATION UNIT
- ▣ POWER UNIT
- ▣ SMOKE GENERATORS

HEXOCULUS SENSOR MODULE COVERAGE:



NAVY DETECTORS





Thank you for your attention

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