

LVC TRAINING C2 VEHICLE

Training goes where you operate

The LVC Training C2 Vehicle is developed with the aim of overseeing civil and military exercises directly in the field, whilst enabling the integration of Extended Reality into conventional scenarios.

The system, designed by Fondazione SAFE, is equipped with sophisticated command and control systems that integrate unmanned systems, biometric and monitoring chemical substances sensors, as well as dedicated communication equipment.

 On-site and remote monitoring

 Real-time situational awareness

 Data-driven training hub

 Recording and synchronization of training data

 Continuous scenario improvement

 Almost Real

Why Almost Real?

Almost Real is the spinoff of Fondazione SAFE, an institution advancing security, defence, and civil protection since 2018. What started as cutting-edge research becomes with Almost Real a concrete training ecosystem.

Almost Real training to perform real in CBRN context.



 Almost Real

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Key Features and Technical Specifications



XR 4x4 vehicle (Mobile Command Centre): A Mobile Command center with 4x4 all-wheel drive, featuring 3 workstations with 5x18-inch monitors and a docking station.



System UAS (Drone) SR-X4: This is a 'MINI' class (under 25 kg) VTOL (vertical take-off and landing) multirotor operating within a MANET mesh network.

Payload (Sensors): Equipped with an EO/IR sensor (visible and thermal infrared) featuring a 20x optical zoom and automatic tracking capability. Additional chemical detection sensor for CBRN applications.



ARGO Command and Control Software is the software "heart" of the solution, based on 3D mapping.

MANET Radios: 4 radios featuring full-mesh technology that enable automatic interconnection between drones, ground stations and foot-based operators.

Rugged Observer PC: A high-performance laptop (Intel i7, 16GB RAM) certified to MIL-STD-810H for tactical scenario monitoring.

Dismounted Systems: Latest-generation rugged tablets (iPad) for on-site operator, enabling real-time access to the operational map and drone sensor control.

Biometric sensors with real-time data transmission from field operators.