

eldor

Communication Technologies Ltd.

MCP TRUCK



HIGHLIGHTS

- Provides Armies and Police a mobile Command & Control system for management of events and threats which exists on a daily basis.
- Designed for operation from mobile land platform. In today's challenging environment, first responders must be aware of all events 24/7.
- Provides real time tactical situation awareness to keep the forces in control.
- Decision makers are able to rapidly access, understand and react to any event, alert or mission in the daily operations of any task force.

HIGHLIGHTS CONT.

- Mobile Command Post
- Design, Integration and Assembly of mobile platforms
- Frontal / Local HQ anywhere anytime
- MCP consist of:
 - Operating Room
 - Conference Room
 - Machine Room



MACHINE ROOM

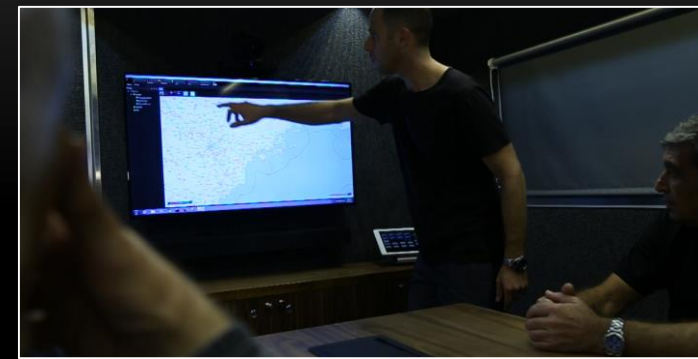
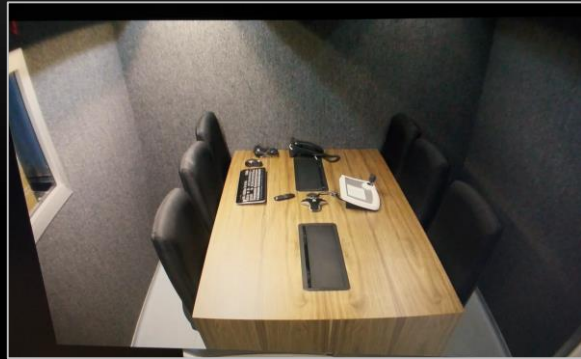
- 15 Ton, 240HP, overall length ~ 10 m
- 3 separate chambers, machine room, 4 operator command & control room and 6 commander conference room, total space > 18 sq. meter
- 15KVA generator onboard, 2 external power connectors, 6KVA AC UPS, 1000W DC UPS
- Air condition > 25,000 BTU, separate and temperature controlled unit for each room.
- 12 meter pneumatic telescopic mast, carrying observation systems and antennas.



TECHNOLOGICAL SPECIFICATIONS

- VSAT satellite on the pause system, 1.8 M dish, auto search, lock and track, for data and video backhauling.
- 10 lines of 3G for data backhauling, fax, video and telephony.
- 2 UHF mobile radio system with 6 portable radios, trunk and direct mode, integrated to VOIP system.
- COFDM long range video and audio transmission system between vehicles to field units.
- Video conference system to Head Quarter.
- Audio & Video matrix system controlled from operators IPAD stations.
- Elios day & Thermal observation system.
- Elios C2, command and control software, GIS, Video & Audio recording, Voice over IP bridging and routing, dispatcher, full control over vehicle systems.
- Video Drone, autonomous flight, quadcopter with CCD and Thermal camera, 2 Km range.

Conference Room



- Real time situation awareness to commanders.
- Communication Capabilities:
 - Phone calls
 - Video conference
 - Radio Communication (UHF / VHF)
- GIS mapping
- Video camera display (observation systems, policeman personnel camera)

OPERATORS ROOM



Operators Room



- Operates MCP systems
- Designed for 4 operators , each operator has 2 screens to display ingoing activities
- C2 application provides:
 - Radio communication – Talk, Record as IP data
 - Intercom Conversation between operators (even if located on HQ)
 - Phone calls
 - Video Management System, display, record and debriefing
 - GIS mapping



Thank You

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