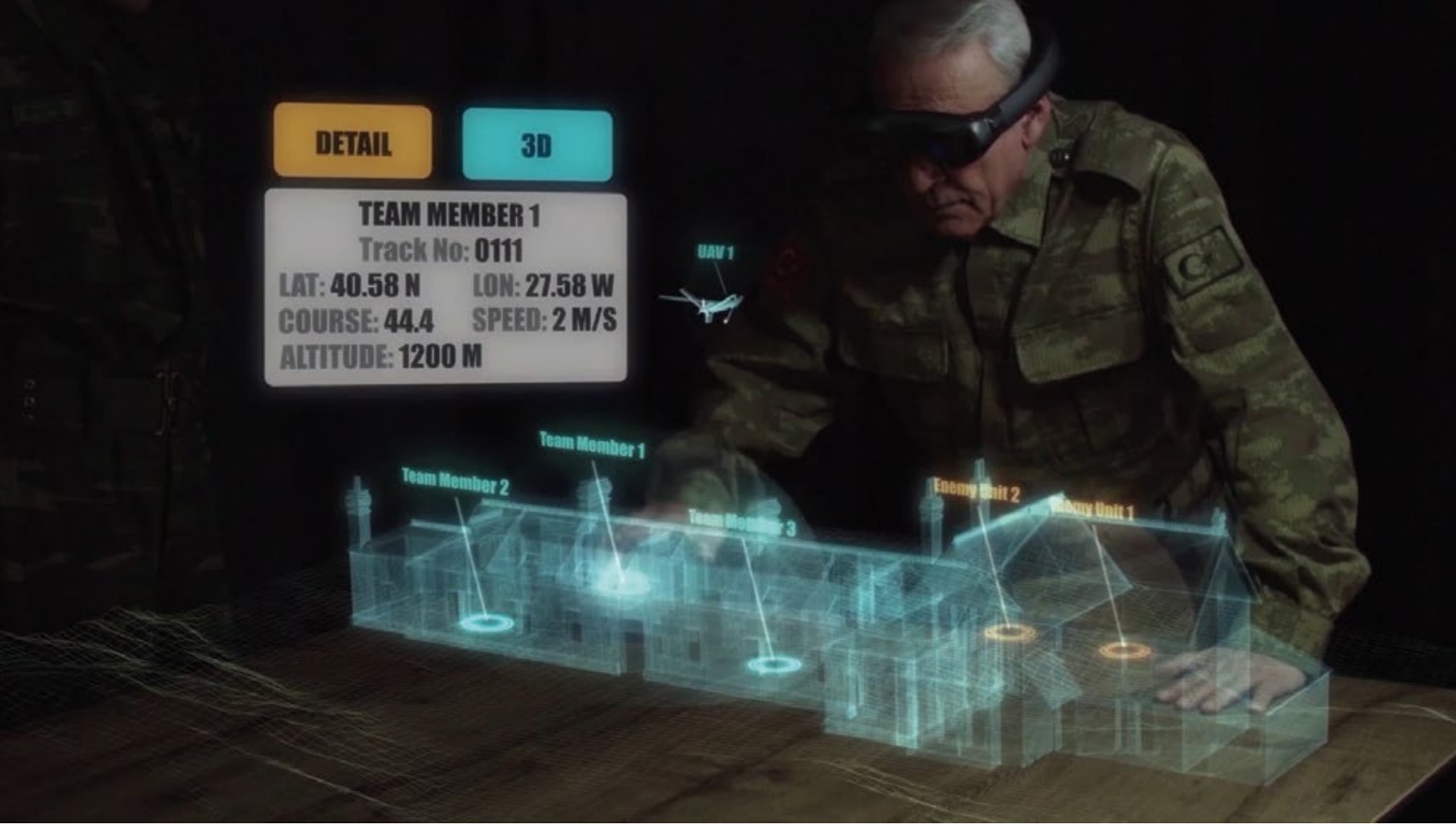


ASGER
HOLOGRAPHIC COMMAND & CONTROL SYSTEMS

HAVELSAN


HAVELSAN

ADVANCED SITUATIONAL AWARENESS FOR STRATEGIC COMMAND AND CONTROL

ASGER (Holographic Command & Control Systems) is an advanced solution developed by **HAVELSAN**, which combines holographic extended reality technology and command and control capabilities.

It empowers commanders by presenting real-time data in a three-dimensional holographic format, enhancing decision-making with immersive and intuitive visualization.

ASGER seamlessly integrates with existing systems, offering a comprehensive operational picture, advanced decision support tools, and the ability to facilitate collaboration and real-time information sharing. Additionally, **ASGER** supports training and rehearsing scenarios, ensuring enhanced preparedness and effectiveness in military operations.

ASGER offers holographic After Action Review capability to commanders for analyzing operations.

ASGER stands out from other mixed reality systems by not isolating its users from the surrounding environment through special glasses. Instead, it enables decision-makers to seamlessly integrate both the headquarters/command center and the operational site by presenting a holographic reality, thereby maximizing the efficiency of decision-making processes.

ASGER provides advanced decision support tools, empowering commanders with data visualization, trend analysis, and predictive modeling capabilities. These tools assist in analyzing complex scenarios and evaluating different courses of action.

- Can be installed on Specially Designed AR Glasses
- Hardware Independent System
- Customizable Module and Feature Options
- Compatible with Military or Civil Command & Control Systems
- Ensures Optimal Information Display
- Management of Pre-operational Processes
- Display of Live Operations
- Replay of Past Operations

ASGER OFFERS

- Battlefield Management
- Situational Awareness
- Operation Planning / Management
- Operational Analysis
- Engagement Planning / Management
- Navigation Planning / Management
- Common Operational Picture
- Tactical Sand Box


litary Unit Inventory
Select Military Unit
Tactical Graphic
Select Tactical Graphic
Get Graphic
HAVELSAN

H-CMS - Holographic Combat Management System

H-CMS is system integrable current Combat Management Systems, has modules as CTT (Collaboration Tactical Table) for commanders, HOPCONEX (Holographic Operator Console Expansion) for operator to enhance workspace to overcome physical limits and Holographic Map Table to process map issues as display, archive, save, load etc.

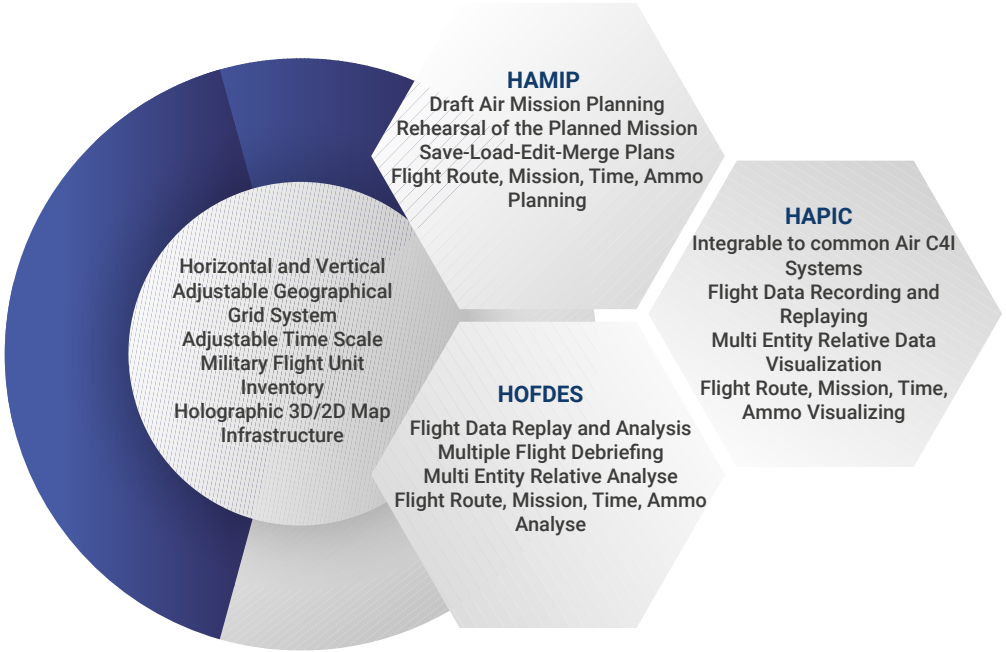
Key Features

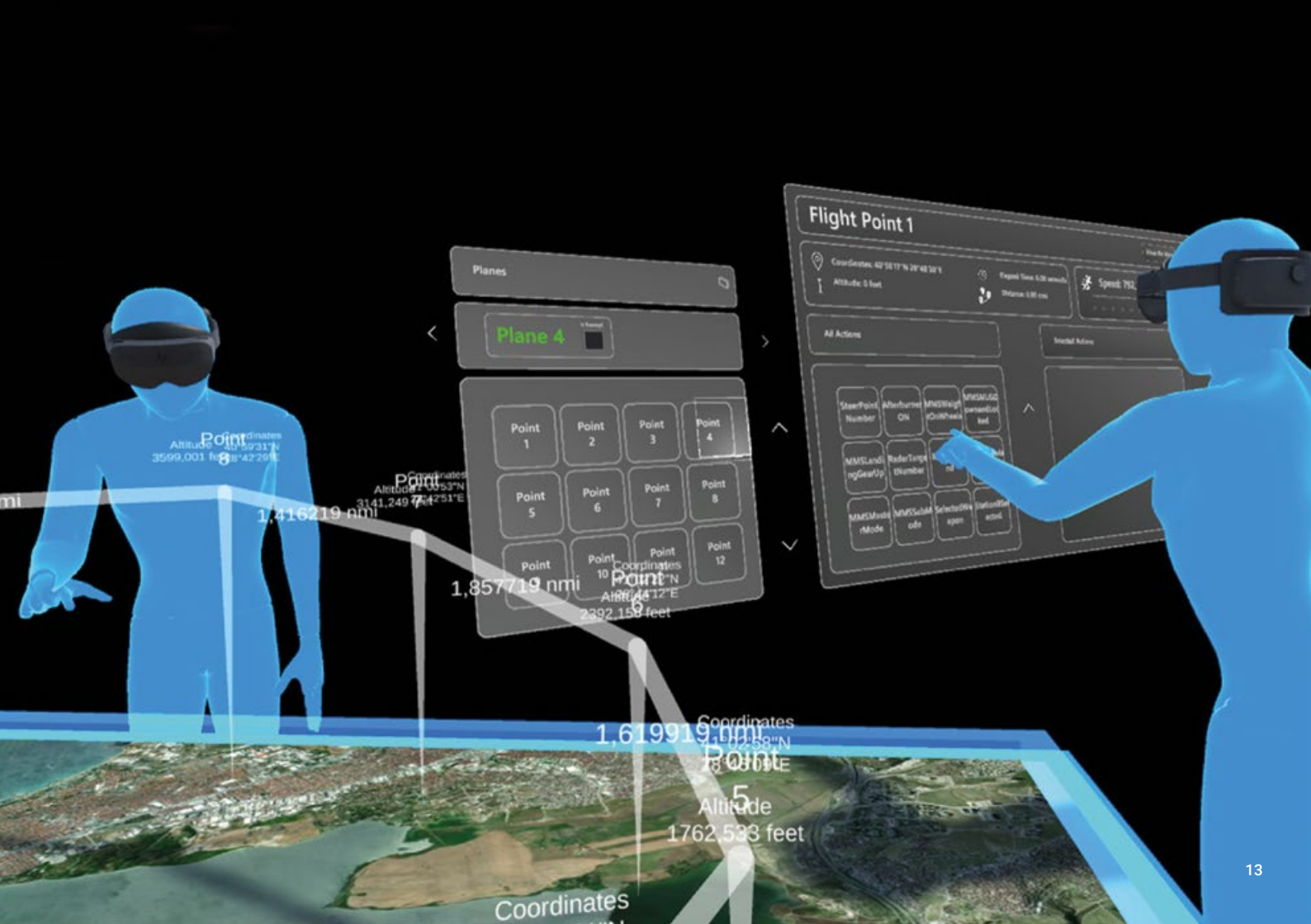
- Holographic Tactical Picture
- Geographical Situation Display
- Holographic Navigation Planning & Management
- Operation Planning & Management
- Engagement Planning & Management
- CMS Support


Map Preview
HOLOGRAPHIC COMBAT MANAGEMENT SYSTEM
ASGER
3D Digital Twin
Ownship Data
TCG-ANADOLU
KINEMATIC
HEADING : 30°
COURSE : 270°
REL COURSE : 270°
SPEED : 20 KNOT
REL SPEED : 25 KNOT
ATMOSPHERE
WIND DIRECTION : 0°
WIND SPEED : 5 KNOT
PRESSURE : 1 ATM
Live Camera Views
IFF
MODE1 : 1234
MODE3 : 0
MODE5 : 0
PLATFORM ID : 0
ID : 101
MODE2 : 5643
MODE4 : 6
RATIONALITY : TR
PROGRESS : 12
AIS
MMSI : 0
TRACK NAME : 0
CI SIGN : 0
TYPE : 0
DEST : 0
ETA : 0
IMO : 0
FLAG : 0
INFO : 0
LORO : 0
ENVIRONMENT : AIR
RANGE : 200
SPEED : 15 KNOT
CREATION TIME : 10.30
TRACK NAME
PLANE
TRACK NO : 0001
KINEMATIC
SPEED 15 M/S
ALTITUDE 1450 M
COURSE 356 °
LOCATION 40.48N 27.60W

HAVE - Holographic Air Virtual Environment

HAVE is an advanced solution developed by HAVELSAN, provides Holographic Air Picture Awareness (HAPIC) to track and monitor current flight during mission, Holographic Air Mission Planning (HAMIP) to plan and brief flight before mission and Holographic Flight Debriefing System (HOFDES) to debrief and analyse flights after mission for Air Forces C4I systems. HAVE modules can be used both as integrated with each other and as independent individual.




Flight Point 1
All Actions
Planes
Plane 4
Point 1
Point 2
Point 3
Point 4
Point 5
Point 6
Point 7
Point 8
Point 12
Point 8
1,416219 nmi
1,857719 nmi
Point 9
2392.158 feet
1,619919 nmi
Point 5
Altitude
1762.533 feet
Coordinates

HOTBOX - Holographic Tactical Sandbox

HOTBOX is an advanced solution developed by HAVELSAN, provides situational awareness and planning system for Land Forces / Joint C4I systems

HOTBOX-Situational Awarenes is a mixed reality based holographic situational awareness capability for C4I systems which can visualize the tactical area with tactical units as 3D holograms. The system provides floating hologram screens for displaying various information (text, image, video stream etc.)

Key Features

- Plan Overlay Visualization
- Plan Overlay Rehearsal
- Situation Maps Visualization


HAVELSAN
FF
FF
ASGER
HAVELSAN

HOTBOX - Holographic Tactical Sandbox

HOTBOX Holographic Planning / Wargaming is system for planning, rehearsing operations on holographic map to convert planning experience. Especially users can use system for IPB (Intelligence Preparation of Battlefield), MDMP (Military Decision Making Process), CoA (Course of Action) Development, Analysis and Comparison Steps


SOF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