Disaster Management
The Essential Role of Satellite Communications

14º Mobile & Connected World
A SMART & SAFE WORLD!
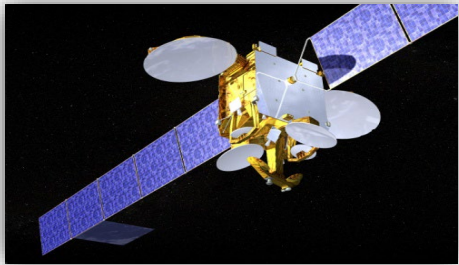
26 June 2024

Bridging worlds

OUR ASSETS

HELLAS SAT 2

The first satellite of Hellas Sat continues providing maritime services in inclined orbit from 10°W, over Europe, for a blue-chip customer.

30
Ku band transponders

4
beams over EU, Atlantic ocean

HELLAS SAT 3

Replacing the existing Hellas Sat 2 by providing service continuity and incremental capacity for expansion in Europe, Middle East and Southern Africa.

50
Ku band transponders

3
beams over EU, ME & SA

1
Ka band crosstraping SA

HELLAS SAT 4

Launched in 2019 to provide in-orbit backup, redundancy services for Hellas Sat 3 and further expansion Ku capacity over Europe and Southern Africa.

34
Ku band transponders

4
beams over EU, ME & SA

GR TELEPORT

Full range of managed, end-to-end hosting and business continuity services, providing access to satellites from 95° East to 47° West.

>5
Tx/Rx Ku, Ka antennas

150
racks hosting space

Primary SCC & NOC

CY TELEPORT

TIER 4 certified facility by WTA, offering a full range of teleport services providing access to satellites from 105° East to 37° West and fiber to the rest of the world.

>40
Tx/Rx C, Ku, Ka antennas

100
racks hosting space

2
IP platforms iDirect & Newtec

Backup SCC

OUR SERVICES

VIDEO

Strong DTH position in SE Europe with 4 DTH & 2 DTT platforms. Five (5) video customers acquired from competition in the last 3 years.

DATA

Service providers and Government & Defense customers take advantage of our high-powered beams across Europe, Middle East and Southern Africa to deliver resilient services for enterprise VSAT and COTM applications.

MANAGED SERVICES

Management and operation of 2 IP platforms, iDirect & Newtec, providing managed data for maritime, enterprise and cellular backhauling satellite services across our entire fleet's coverage. Approx. 1.000 terminals rely on HS managed services.

TELEPORT

End-to-end services and tailor-made solutions from video aggregation and distribution to satellite equipment hosting, operations, monitoring, business continuity and disaster recovery services.

4
DTH in Europe

2
DTT in Europe

>12
Gov & Def agencies

>8
anchor service providers

~25
Maritime service providers

~600
Connected vessels

2
Internet platforms

5
DTH services

25
Gbps connectivity

22
antennas hosting

CHALLENGES
IN DISASTER MANAGEMENT

Communication Breakdowns
- Infrastructure damage
- Overloaded Networks
- Interference and Obstruction

Accessibility issues
- Remote areas
- Vulnerable populations

Coordination among multiple agencies
- Inter-Agency Communication
- Information Silos

Real-time information dissemination
- Rapid changes
- Data Overload
- Misinformation

BENEFITS OF SATCOM
IN DISASTER MANAGEMENT

Reliable and Resilient Networks
- Independent from Terrestrial Infrastructure
- High Reliability

Wide Area Coverage
- Global Reach
- Seamless Connectivity

Rapid Deployment and Scalability
- Quick Setup
- Scalability

Situational Awareness & Real time communication

Ημέρα 2η – 23 April 2024

Επεισόδιο καταπτώσεων βράχων, με αποτέλεσμα εγκλωβισμένους/ καταπλακωμένους από συντρίμμια και τραυματίες που χρήζουν άμεσης παροχής βοήθειας.
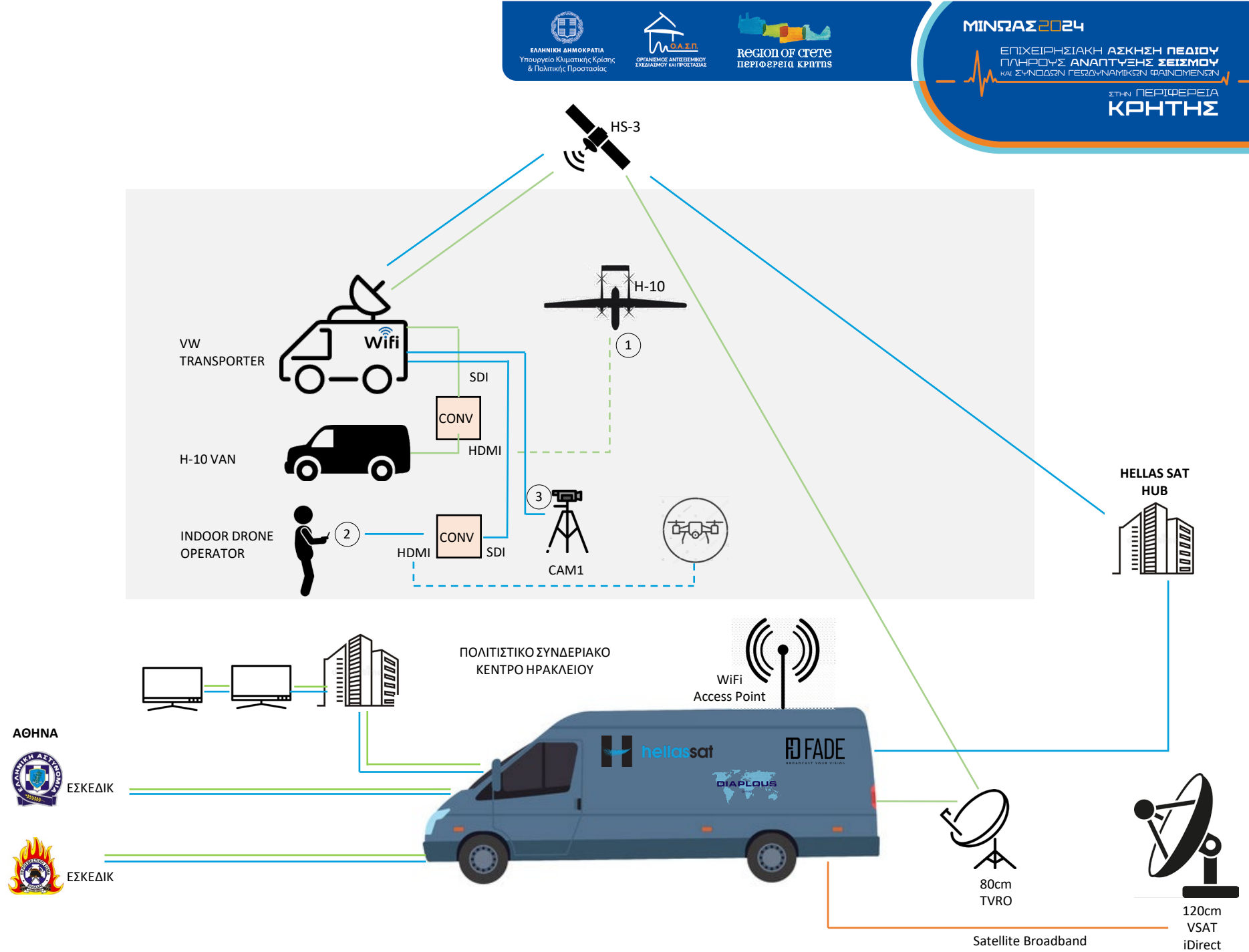
Τοποθεσία: Π.Ε. Λασιθίου
Σπήλαιο Δικταίου Άντρου
35°09'46.9"N
25°26'42.2"E

Χειριστές: Χειριστής 1
Χειριστής 2
Χειριστής 3

Οχήματα: VW Transporter – SNG
H-10 VAN

ΣΜΗΕΑ: H-10 VTOL
ELIOS 3 (indoor)

MCR: Συντονιστής 1
Συντονιστής 2