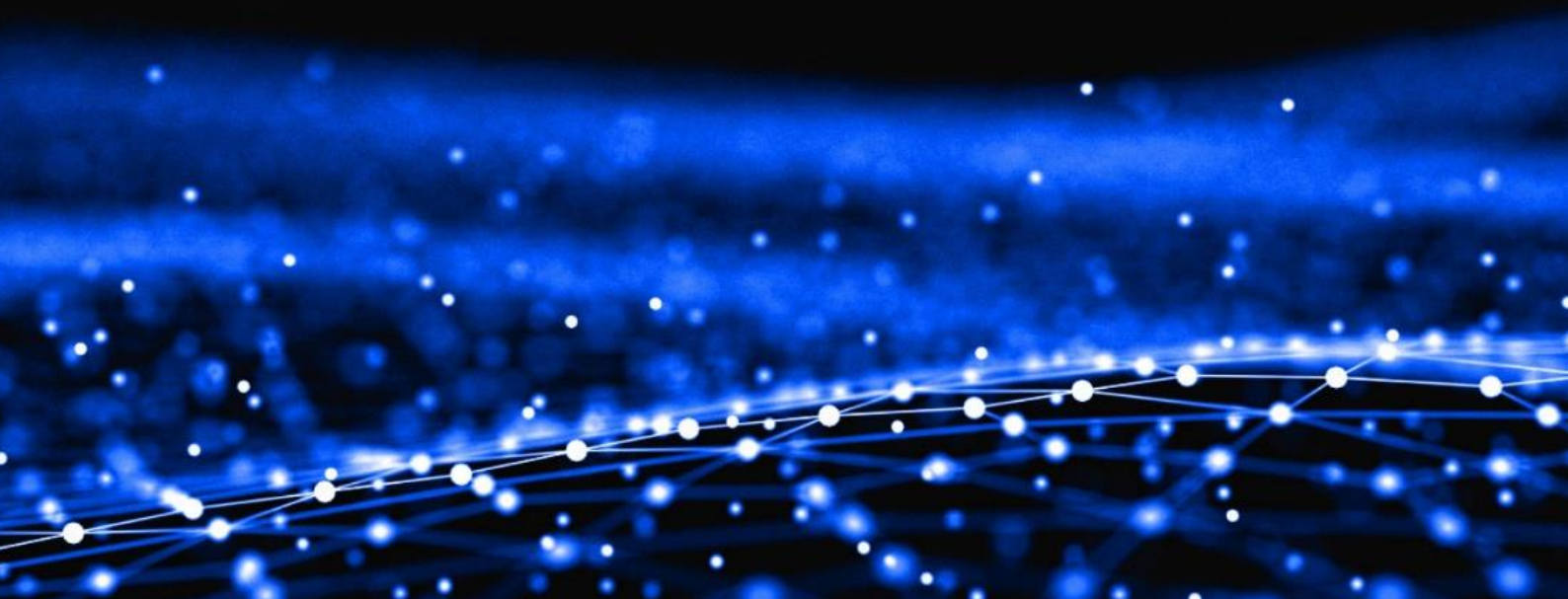


ADVANCED
INTEGRATED TECHNOLOGY
SOLUTIONS & SERVICES

Unmanned Aerial Systems (UAS)

ADKITESS



UAS: Unmanned Aerial Systems

ADDITESS has developed during research and design phases a variety of UAV systems, a new concept in the UAV market: designed from existing cots platforms or from own ADDITESS design, in order to minimize the development cost. As it was derived from general aviation standards, it is optimized for reduced cost of operations. The Mini-UAV systems could also prepare for navigation in controlled civilian airspace and for compliance to certification requirements that will become applicable to all UAS addressing homeland security applications and flight operations in European sky. We already comply with ROC and future LUC/EASA regulations.

The UAV Platforms that are used by ADDITESS are developed by our in-house laboratory and also with the assistance of Cyprus Institute an organization with whom we have a framework collaboration agreement. The platforms are enhanced with various payloads such as cameras (i.e. Daylight, IR), GPS modules, CBRN sensors, GPR systems as well as other software modules in order to fulfill every client's requirement individually.

Currently we are using and developing the following UAV platforms

- Multirotor types / AP-M-2 and AP-M-3
- Multirotor types / AP-M-3 on Loiter Ammunition configuration
- Fixed-Wing type / AP-F-1M 'TILEMACHOS'
- Fix-Wing type Loiter Ammunition / AP-L-1



Indicative payload information:

- CM100v2: Gyro Stabilized Gimbal (Day – Thermal camera) by UAV Vision
- ChemPro DM: CBRN Detector Module by Environics
- DOVER: Chemical sensor from T4I
- Various optical sensors from different manufactures
- Various CBRNE sensors

More information at <https://additess.com/additess-products/additess-uav-systems/>

Under the finance of Research & Innovation Foundation and the RESTART Complementary 2016-2020 programs, ADDITESS has developed a mobile C3 system in order to be used as a mobile command center for the R&D UAV systems.



ADDITESS

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