



7 Greek Companies Presenting Innovative Products

Speaker



Thomas Dais, General Manager, ALTHOM Greece

ALTHOM is a high performing service provider in the fields of engineering and technical documentation and offers optimized services and processes in terms of quality, costs, flexibility, and delivery punctuality tailored to any special need.

ALTHOM covers a wide range of specialized mechanical, civil, industrial, and electrical engineering services. During the last 4 years has provided over 80.000 hours of R&D in various fields.

In addition, we provide technical manuals for civil, military, aviation, and industrial clients in compliance with all applicable technical regulations, international specifications & standards (S1000D/S2000M, ATA iSPEC2200 etc) that contribute to Reliability, Availability, Maintainability, Safety and Interoperability, paramount for Defense.



Alexander Ioakeimidis, Business Development, ALTUS

COMMAND & CONTROL SOFTWARE SUITE

M3NTOR Software Suite M3NTOR is an innovative network-centric, hierarchical, C3 assets and mission management system designed to exploit data originating from multiple assets in a 3D projected environment, interconnecting heterogeneous sensor networks (unmanned systems, cameras, radars, logistics monitoring, etc) which through the extensive use of advanced AI and Machine Learning algorithms will provide users in various places in the hierarchy not only with an advanced decision-making tool but also an operational planning assistant based on up to date and cross-referenced information from all the sources available to the system.

MULTICOPTER UAVs

ATLAS 8 / HEAVY LIFTER: ATLAS 8 is a heavy lifter multi-copter able to carry a 40 kg payload at a distance of 20 km, ready to address the emerging requirements of the small cargo (goods, weapons, search and rescue means, etc) and last mile (commercial products) transport market. Atlas 8/H employs design features and operational experience from the smaller members of the ATLAS family of UAVs and provides the end user with the best weight to mile to cost ratio as well as the inherent ability to comply with the EU 945 and 947 certifications directives in the specific category.

ATLAS 4: The ATLAS 4 UAV is designed to deliver an array of services in the fields of surveillance, industrial monitoring, emissions monitoring, and small cargo delivery applications. The system is manufactured to the highest industry standards, with state-of-the-art mission command systems, encrypted RF links, redundant safety systems, and a reconfigurable payload hub which provides the flexibility to address the needs of multiple end-users in various domains.

ATLAS 204 N22: The ATLAS 204 N22 UAV, being the smallest of the ATLAS family, is designed to deliver highly reliable services in the domains of defense, security and industrial surveillance, and agriculture mapping. The system is rapidly deployable and can also operate in challenging environmental & electromagnetic conditions with minimum manpower & operational footprint. It features an enhanced payload capacity and can be coupled with multiple ISR payloads.

HYBRID FIXED WING VTOL UAS

EDOMON UAS: EDOMON is a Hybrid VTOL UAV, designed to deliver reliable and efficient ISR Operations for the Law enforcement, Civil Protection, and Defence Market. The EDOMON system is designed to operate with minimum manpower and operational footprint and is able to operate under harsh environmental & electromagnetic conditions. The System is able to deliver enhanced ISR capabilities with the use of EO/IR, AIS & IMSI Catcher Payloads for an extended period of time (up to 7 hours) and to an extended area (up to 60 miles).



Elias Kokkotas, CEO, AMS AERO

AMS AERO Production Services & Capabilities:

- Wire Harnesses / Laser marking
- Installation kits assembly and production
- Aircraft interior production/ refurbishment

As an approved manufacturer of airworthy products, we align with the highest standards in the aviation industry. We approve and monitor our suppliers, having full traceability of all parts and materials supplied. In our production, the quality performance is built into each step of production. Every single part is handled with care to secure ultimate quality delivered to our customers. All parts and kits are produced according to approved data, and delivered with an EASA Form 1, or according to agreement standards.

Speaker



Phoevos Koukouvinis, R&D Director, HTR

HTR is a member of Hertfordshire Group, active in Space and Military robotics. Our patented all metal flexible wheels, with variable stiffness, outperform rubber tires in traction on sand and mud, achieving results that can be only matched by caterpillars. On the same time, our tires conserve the unique efficiency of wheels, even on loose terrain or mud, contributing to the high autonomy of the vehicle. Using our technology, modern warfare UGVs can achieve unique mileage with exceptionally low Cost of Transport. HTR is building light UGVs of the 100 kg class that can become completely autonomous using solar panels for patrolling and surveillance applications.

Related video: https://www.youtube.com/watch?v=_o4hNfveCt4

Speaker



Fotios Kampiotis, Vice President – COO, S.A.S. Technology

Spirit Aeronautical Systems (SAS Technology) is a UAV manufacturer based in Athens, Greece. SAS Technology is dedicated to innovation, particularly in defense applications. The company has been quite successful in developing weaponized drones with trailblazing innovations, integrating on them proven weapons, manufactured by partnering international defense industry leaders like THALES. SAS is also in close cooperation with the local arms industry leader (HDS). SAS Technology's systems and the SARISA UAS in particular, has proven to be a versatile platform, capable of integrating many different weapons and payloads, allowing it to be used in a vast variety of operational scenarios.

Speaker



Nikos Papatsas, Senior Partner, EFA Group

THEON SENSORS is a leading company in Night Vision & Thermal Imaging Systems with more than 200.000 systems in service in 66 countries worldwide, out of which 23 are NATO members.

The company counts 26 years of operation and operates from a large network of sites, stretching east to Singapore and west to Arlington (VA) USA, from its two state-of-the-art production facilities in Athens.

Recently THEON SENSORS presented its latest product, TALOS MR, a gyrostabilized platform-based Medium-Range MultiSensor EO/IR System for land vehicles, naval and maritime operational requirements and also developed new technologies in Image Fusion and Augmented Reality (AR) systems for the company's man portable Night Vision & Thermal Imaging Systems.

Speaker



George Psarras, Technology Director, T4i Engineering

The following subjects are going to be presented:

- What is field chemical analysis
- Parameters affecting reliability on field chemical analysis
- T4i Dover™
- Airborne chemical analysis and real time monitoring
- T4i Femtomachine PRO®
- Quality Assurance/Quality Control in the field