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By [Cassidian](#) on Tuesday, October 23rd, 2012

Cassidian presents its TANAN 300 new-generation compact VTOL Tactical UAS (Vertical Take-Off and Landing Tactical [Unmanned Aerial System](#)) for maritime and land missions. Designed in close collaboration with potential customers in order to match their specific requirements, TANAN 300 is a real 'eye in the sky' thanks to a full HD imagery chain and to its main payload which allows an easy switch between EO/IR (Electro-Optical and Infra-Red) high-definition cameras.

A very versatile system, TANAN 300 is designed to be flexible and also includes very high-capability payloads, such as an AIS (Automatic [Identification System](#)), an IFF (Identification Friend or Foe) system, a maritime radar, an electronic surveillance system and a direction finder, to suit all needs.

It is intended to carry out Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) missions for armies and navies, as well as civilian assignments. It can endure missions lasting over eight hours while providing full HD colour video in real time at maximum range.

Developed to reliably and consistently fulfil operational requirements, the TANAN 300 is a high-performance tactical UAS, integrating a powerful, safe and highly reliable genuine diesel engine. Boasting open, modular architecture and the latest generation of proven equipment, the TANAN 300 is capable of completing missions with ranges of up to 100 nm/180 km and a 50 kg payload.

Packed inside a shelter or a vessel, the TANAN 300 overall system is manageable by one operator and can be deployed in unprepared areas and/or at sea. The TANAN 300 is specifically equipped for operating at temperatures of between -20°C and +50°C and in challenging weather conditions.

The ground control system is set up to reduce the operator workload to a minimum thanks to a user-friendly human-machine interface that displays all necessary information on one straightforward double screen. Moreover, information can be exported via video transmission to a remote command and control station.

The demonstrator's first flight took place in 2010 and development is currently continuing according to schedule.

Cassidian, an EADS company, is a worldwide leader in global [security](#) solutions and systems, providing Lead Systems Integration and value-added products and services to civil and military customers around the globe: air systems (aircraft and [unmanned aerial systems](#)), land, naval and joint systems, intelligence and surveillance, cyber security, secure communications, test systems, missiles, services and support solutions.

In 2011, Cassidian – with around 28,000 employees – achieved revenues of €5.8 billion. EADS is a global leader in aerospace, defence and related services. In 2011, the Group – comprising Airbus, Astrium, Cassidian and Eurocopter – generated revenues of €49.1 billion and employed a workforce of more than 133,000.