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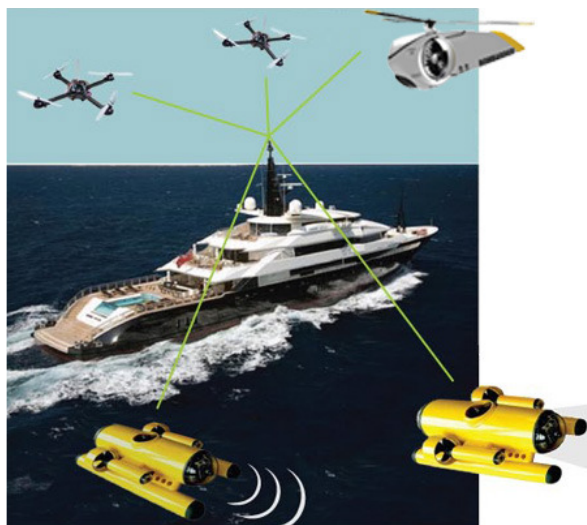
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22 September 2010 - Extreme Exclusive launch Triple-A Surveillance System (TASS) at Monaco Yacht Show

During the Monaco Yacht Show this week Extreme Exclusive B.V. is launching their new Triple-A Surveillance System, known as TASS. The latest autonomous micro Unmanned Aerial Vehicles (UAV's) are equipped with artificial intelligence features for GPS-controlled flight, according to a pre-programmed but adaptable flight plan. A derivative of this technique is computer aided visual flight control, with the onboard camera observing and recognising landscape features, steering the UAV to its target.



For shipboard systems, Extreme Exclusive combines this technology with Underwater Robots as Remotely Operated Vehicles (ROV's), Focused Infrared Horizon Scan and other systems, to create an integration platform that can be used to interconnect system components. The major advantage of the TASS system is to display and fuse data from multiple sensor sources and the high flexibility of the software framework to build a variety of surveillance applications. The Drones and ROV's will receive their task from the TASS base station and will do their job autonomously.


The Unmanned Aerial Vehicles and Underwater Robots are active for surveillance purposes when the TASS system orders a task. When the system is not active with security tasks, it can be used for several other options, including showing the exact positions of the tender boat, jet skis and other equipment around the yacht. The cameras can also be used for filming social activities.

The third part of the TASS system is Radar Signal Analyzing. This will give information about the tracking of small boats. When an object breaks the perimeter of the TASS scanner, algorithms for image based stabilization, fusion of image stabilization and inertial sensor processing and classification will give the information to decide about activating a UAV or ROV to gather more information by the live streaming cameras or other sensors on board the vehicles.

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