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News



G-NIUS' Avantguard unmanned ground combat vehicle delivered to IDF

June 07, 2010

G-NIUS Unmanned Ground Systems Ltd., a jointly-owned company Elbit Systems Ltd. and Israel Aerospace Industries Ltd., now unveils that its AvantGuard UGCV was delivered to the IDF.

Based on the technological strength and capabilities of G-NIUS' Gardium UGV system, as well as building on the Tactical Amphibious Ground Support (TAGS) vehicle excellent maneuverability in harsh terrain environments, the AvantGuard UGCV significantly expands the applications envelope to encompass Counter IED (CIED) and ground maneuvering combat missions.

Employing a set of modular payloads such as: Ground Penetrating Radar, Counter IED Jammer, Mini Pop cooled thermal surveillance camera, Counter Human & Vehicle Detection Radar and more, and based on its inherent endurance, AvantGuard can be effectively deployed in a variety of combat missions including: Counter IED, Advance Guard, Armed Sentry, Combat Logistic Support, CASEVA and more. It is controlled by a mobile or portable Operational Control Unit (OCU), and can also operate in a Follow-me mode, where it is autonomously trailing a guide-foot soldier.

The rapid and effective integration of the Gardium's autonomous kit to the TAGS platform underscores the robustness and adaptability of G-NIUS' strapped-on autonomy approach.

Source: Elbit Systems

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