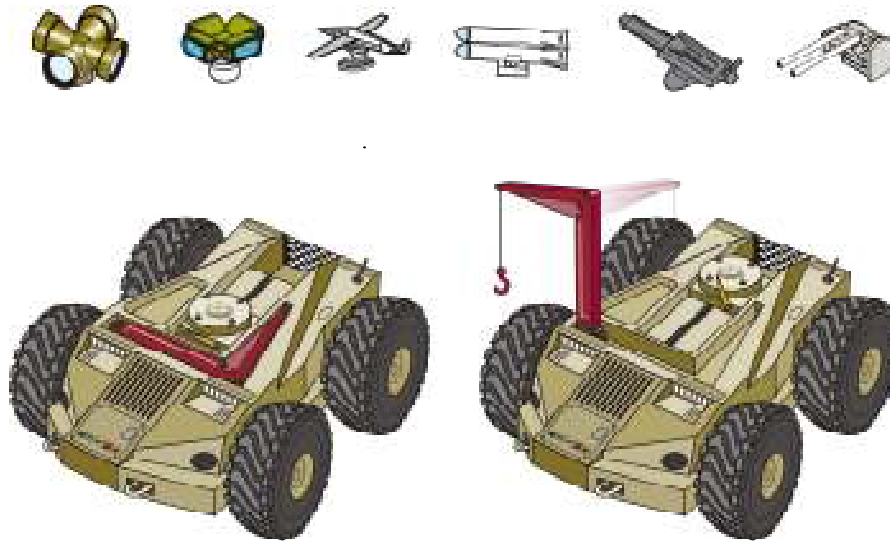


ARGUS Robotics: Multi-Equipped - Task Assigned (META) Vehicle



Current problem: With the increasing threat of IEDs, suicide bombers, car bombs, and Nuclear/Biological/Chemical devices there is not a vehicular design that can quickly be adapted to engage such a wide range of threats. In addition, when parts of the World are exposed to severe natural disasters, such as earthquakes, tsunamis, etc, our Soldiers are often asked to provide humanitarian assistance. Given that, there is a need for a mobile platform that can provide protection to our troops and assistance to the indigenous population.

Current Solution: Use an existing robotically designed vehicle with modified frame assembly to allow secondary systems to be added. With such modifications the secondary systems can be added and changed in minutes, thus the vehicle can change its function to meet an immediate need or threat. Such secondary systems may include: weapons, speakers, cameras, work lights, sensors, etc. The vehicle will be robotically and/or manually operated, thus freeing the operator from potential danger.

Benefit: Such system will be lightweight, thus allowing several units to be transported by air or ground support systems at the same time. With several systems arriving, safety and defensive parameters can be quickly defined. The secondary systems will be task assigned. With the specific need(s) assigned, then only those secondary systems will be transported. Doing so will minimize the weight, thus assist the logistics of transporting all other support equipment. With less weight, the system will be easier to return.

Group	Use	Availability	Cross Reference	Technical Reference	Price
Military	Primary	120 days	A1, A2, A3, A3a, A4, A5, A6, A8	B1, B2, B3	Option dependent
Construction	Secondary		U.S. Patent Nos. 7,267,354, 7,275,459, 7,565,941, and Patents Pending.		
Industrial Applications	Secondary				
Homeland Security	Primary				

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