EMAV
EXPEDITIONARY MODULAR AUTONOMOUS VEHICLE

MAXIMIM SPEED
>50 MPH

RANGE
200 MILES

PAYLOAD CAPACITY
6000 LBS

MILITARY GRADE ONBOARD POWER GENERATION

320Vdc
30 kW AT PEAK
~20kW continuous stationary

28Vdc
3.4 kW MOVING
~6kW stationary

GROSS VEHICLE WEIGHT RATING
14000 LBS

VEHICLE CURB WEIGHT
8000 LBS

VEHICLE CURB WEIGHT WITH CROWS & UAS
8800 LBS

TRANSPORTABILITY
5'x12', USMC version designed for MV-22, CH53, CH-47 Internal and 2 on a C-130

AUTONOMY MODES
Autonomy agnostic, operations using multiple autonomy stacks

COMMUNICATIONS METHODOLOGY
Radio agnostic, with proven integration of Program of Record radio systems, and experimental mesh and NEO Satelite radio systems

PAYLOAD INTEGRATION
In coorperation with DOD partners, 40+ POR and experimental payloads developed and integrated: RWS, EW, bulk liquids, integrated communications solutions, loitering munitions and more...
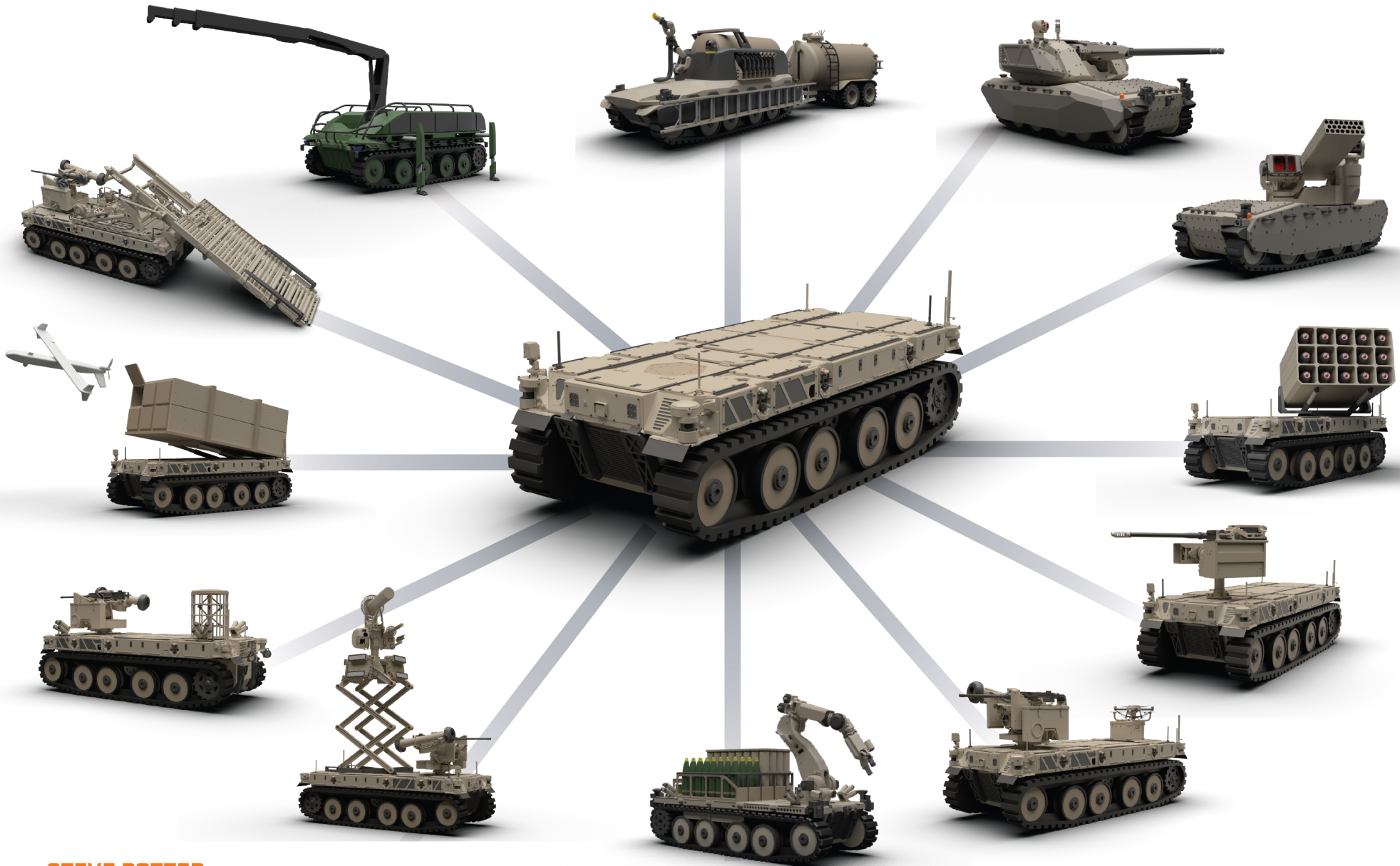
CONTROLLER INTERFACE
Controller agnostic; proven positive control with QinetiQ UC-HD and WMI as well as USMC TRC

TESTING
Years of testing and experimentation with Marine Corps Warfighting Laboratory and ongoing US Army Robotic Combat Vehicle – Light (RCV-L) testing and experimentation

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