

EMAV

EXPEDITIONARY MODULAR AUTONOMOUS VEHICLE

EMAV

BUILT BY

PRATT & MILLER
DEFENSE



PAYLOAD CAPACITY
6000 LBS



GROSS VEHICLE
WEIGHT RATING
14000 LBS

VEHICLE CURB WEIGHT
8000 LBS



VEHICLE CURB WEIGHT
WITH CROWS & UAS
8800 LBS

MILITARY GRADE ONBOARD
POWER GENERATION

320Vdc
30 kW AT PEAK
~20kW continuous stationary

28Vdc
3.4 kW MOVING
~6kW stationary



TRANSPORTABILITY

5'x12', USMC version designed for MV-22,
CH-53, CH-47 Internal and 2 on a C-130



COMMUNICATIONS METHODOLOGY

Radio agnostic, with proven integration of Program
of Record radio systems, and experimental mesh
and NEO Satellite radio systems



CONTROLLER INTERFACE

Controller agnostic; proven positive control
with QinetiQ UC-HD and WMI as well as
USMC TRC

AUTONOMY MODES

Autonomy agnostic, operations using
multiple autonomy stacks



PAYLOAD INTEGRATION

In cooperation with DOD partners, 40+ POR and
experimental payloads developed and integrated:
RWS, EW, bulk liquids, integrated communications
solutions, loitering munitions and more...



TESTING

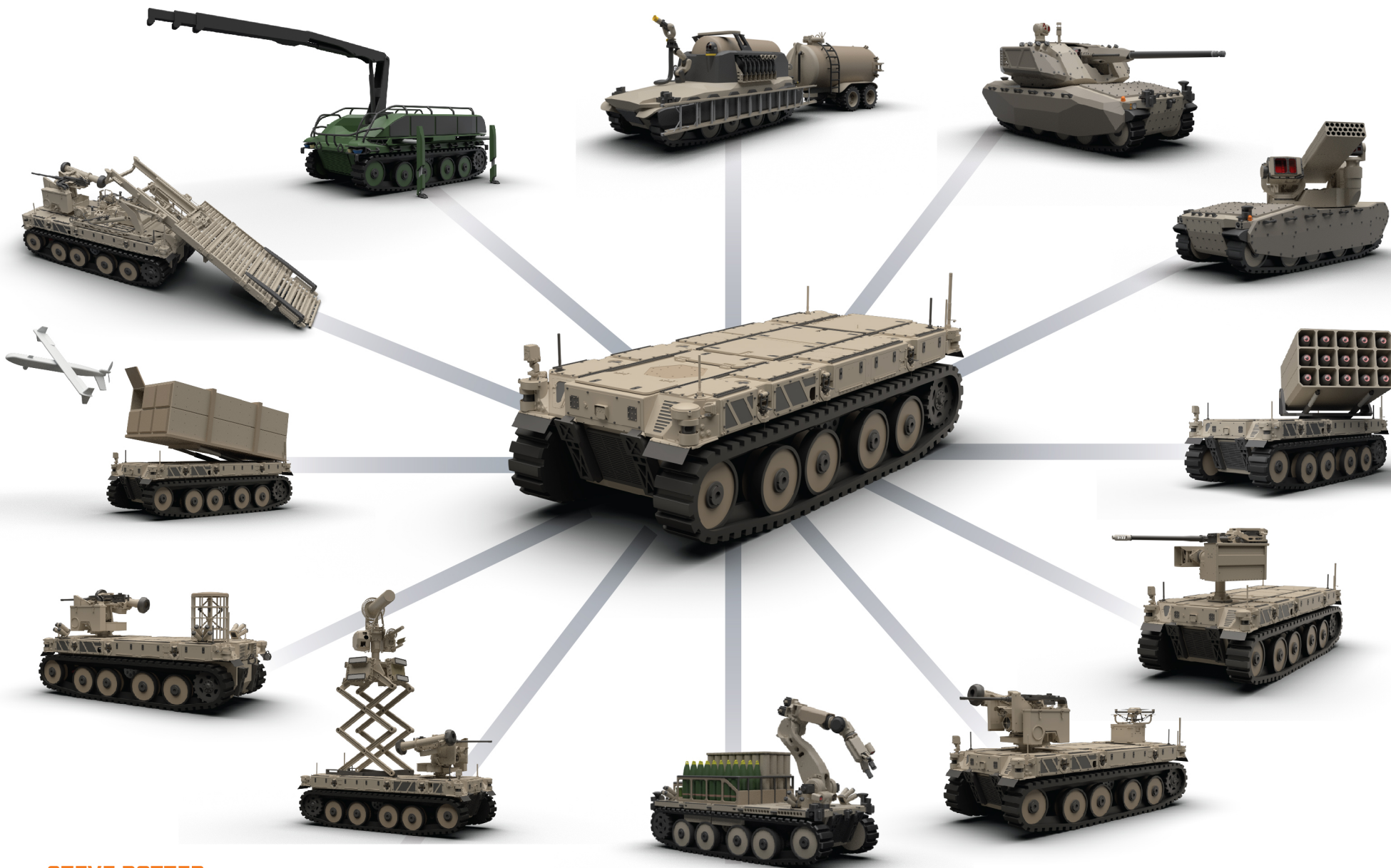
Years of testing and experimentation with Marine
Corps Warfighting Laboratory and ongoing US Army
Robotic Combat Vehicle – Light (RCV-L) testing
and experimentation

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