



# Media Advisory



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## **TARDEC Advancing U.S. Army's Heritage of Cooperation with Industry**

DETROIT ARSENAL, WARREN, MI — As a practice, the U.S. Army has worked for years in cooperation with commercial industries to develop advanced technologies. From microwave ovens to semi-conductors, success stories abound.

The Detroit Arsenal was positioned near Detroit to take advantage of the automobile-industry's strengths. That partnership is still working together to provide solutions for common challenges: how to keep drivers safe, how to increase fuel efficiency and how to provide the appropriate power solutions for today's vehicles.

The U.S. Army's Tank Automotive Research, Development and Engineering Center (TARDEC) applies a "dual use" strategy to leverage expertise and bring technologies to market faster with higher standards for reliability in a cost-effective manner. Some examples of technologies that TARDEC is developing for military ground vehicles and the worldwide automotive industry is developing for consumer vehicles include hybrid electric powertrains, hydrogen fuel cells, lithium ion batteries and alternative fuels.

"A key component for ensuring TARDEC's success is the partnerships we form with industry," explained TARDEC Director Dr. Grace M. Bochenek. "Creating collaborative environments allows us to utilize each others' talents and research skills to develop new technologies. The further we advance our technological solutions, the better we support our warfighters."

TARDEC engages industry in a number of ways such as the upcoming Ground Vehicle Systems Engineering and Technology Symposium (GVSETS) Aug. 18-20. Hosted by the National Defense Industrial Association's (NDIA's) Michigan Chapter, GVSETS is a forum where the military, automotive industry and other industries can share technologies, information and ideas. Participants from government, industry and academia – including TARDEC associates – will take part in a variety of presentations to learn about the latest developments in ground vehicle systems engineering and technology for warfighters as well as what technical capabilities are being sought in the private sector.

"The same technologies that the auto industry is developing in terms of a vehicle's ability to operate autonomously, safely and with more driver-awareness are the same things TARDEC is doing for the military's ground-vehicle platforms," Bochenek said.

**TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.**



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For more information about the GVSETS event, visit <http://tardec.army.mil/>

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*TARDEC is the Nation's Ground Systems Enterprise to ensure U.S. Soldiers continue to be the best-equipped and most lethal, survivable and sustainable fighting force on Earth. For additional information or to schedule an interview, please contact Bill Dowell at (586) 574-5144, [william.dowell2@us.army.mil](mailto:william.dowell2@us.army.mil) or [wdowell@brtrc.com](mailto:wdowell@brtrc.com).*

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