



2009 ARMY RESEARCH AND DEVELOPMENT ACHIEVEMENT AWARD

Lightweight Vehicle Underbody Protection System (LVUPS)

The U.S. military requires highly survivable, lightweight vehicles, and TARDEC Mechanical Engineers Andrew Mikaila, Jim Capouellez, Jim Soltesz, Floyd Helsel, their team and collaborative partners designed and fabricated demonstrators for an LVUPS to be used on Army vehicles. These demonstrators underwent testing to gather data about the new underbody protection system, and test results determined the system dramatically improved vehicle crew survivability.