



CONTROL
SOLUTIONS™

TACTICAL VEHICLE TURRET SYSTEMS

SOLVE IT.....

DESIGN IT.....

BUILD IT



Control Solutions LLC® solves tough problems for armored military tactical vehicles.

Control Solutions designs and manufactures tactical vehicle turret systems by integrating large-diameter ring bearings, vehicle roof framework, and ballistic armor with a robust motorized control system that operates independently from the vehicle's battery power.

Solve it, Design it, Build it.....

It's not just a slogan, it's what we do! Control Solutions is your one-stop integrator for turret systems including armor and motion control. Our team of engineers and ISO-certified manufacturing personnel stands ready to quickly solve, design, and manufacture your custom solution today.



CONTROL SOLUTIONS LLC™

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O-GPK Objective Gunner Protection Kit

The complete Gunner's Protection Kit includes the following sub-system elements:

- Tactical vehicle rooftop mounting ring (vehicle-specific)
- Traversing gear ring (customized to diameter of rooftop hatch)
- Traversing motor & controller
- Turret-mounted batteries
- Turret ring bearing
- Armored gunner protection walls with transparent armor
- Vehicle rooftop hatch
- Gun mount pintle and ballistic shield



Control Solutions LLC is a one-stop provider of complete gunner protection kits for military customers worldwide. We have fielded over 60,000 of the motorized control systems to U.S. vehicle manufacturers. Known as the BPMTU (Battery-powered Motorized Traversing Unit) and the ITDS (Improved Turret Drive System), these solutions have been designed and installed to help the gunner move the up-armored turret quickly, or move the turret against gravity when the vehicle is on an incline.

The GPK system is scalable, where the 400mm (16") armored sidewall panels and the gun-mounted ballistic shield can be quickly removed for less-demanding maneuvers where a gunner can stand in the opened hatch with small caliber weapons as required. The GPK system can accept the M2 .50-caliber machine gun, the MK-19 40 mm grenade launcher, the M240 7.62 mm automatic weapon and the M-249 5.56 mm squad automatic weapon

