

UGV Program Description

The license request is in support of an Unmanned Ground Vehicle (UGV) test program under sponsorship of the US ARMY. The Squad Munitions Support System (SMSS) is a small UGV under development, for the purpose of carrying all the equipment required to support a squad of soldiers in the field.

The hardware consists of two systems. The wireless Emergency Stop (SafeStop SS03-400) units provide a command link between the safety operator (TORC Hand-Held Transceiver; PN SS03TRX04) and the SMSS (TORC Vehicle Mounted Transceiver; PN SS03RX04). The system provides the safety operator with emergency shutdown capability of the UGV.

The second system is a wireless C2 system, Miniature OEM Wireless Ethernet/Serial/USB Gateway (Microhard Systems, Inc. IPn320F1) which provides a command link between the operator and the SMSS for command and control of the UGV.