

UGV Program Description
900-1300 MHz

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 first is the wireless Emergency Stop (SafeStop SS03-900) unit provides a command link between the safety operator (TORC Hand Held Transceiver; PN SS03TRX09) and the SMSS (TORC Vehicle Mounted Transceiver; PN SS03RX09). The system provides the safety operator with emergency shutdown capability of the UGV in the case of a problem.

The second system is a wireless C2 system, based on an off-the-shelf Miniature OEM Wireless Ethernet/Serial/USB Gateway (Microhard Systems, Inc. IPn1320T) which provides a command link between the operator and the SMSS for command and control of the UGV.