EXHIBIT I
Operational Description

Product Description

The product is a wireless shock sensor (detector) used in conjunction with a wireless security alarm system. The shock sensor unit monitors the environment for the presence of shock, or sudden vibrations. If any of these conditions are found, the unit goes into alarm. In alarm the unit will transmit an alarm message to the security alarm panel. The panel will then sound its sirens, and call the monitoring station for help.

Normally the unit only transmits supervisory signals every hour.

This product is the combination of a shock sensor manufactured Sentrol, a division of SLC Technologies, and the transmitter manufactured by ITI. ITI has code imbedded in the microcontroller of the shock sensor to control the transmitter.

The microcontroller used is a Microchip 16LC62B.

The RF circuit consists of a 106.5 MHz oscillator followed by an amplifier. The amplifier is turned on and off to modulate the carrier.