EXHIBIT I
Operational Description

Product Description

The product is a wireless smoke alarm (detector) used in conjunction with a wireless security alarm system. The smoke alarm unit monitors the environment for the presence of smoke, abnormally high temperature, or sudden increase in temperature. If any of these conditions, which are indicative of a fire, are found, the unit goes into alarm. In alarm the unit may, depending on the model, sound its internal siren and will transmit an alarm message to the security alarm panel. The panel will then sound its sirens, and call the monitoring station for help.

While in alarm, the unit will transmit the alarm condition every minute to be sure the signal gets through. Normally the unit only transmits supervisory signals every hour.

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

The microcontroller used is a Motorola 68HC705P6.

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.