The security system provides for one indicator light for each zone. The color of the light provides the status information fort hat zone. The colours are:

-Green: Normal

-Red: Alarm

-Blue: Bypass

-Orange: Tamper

**Operation of the Security System**

System:

+ The system sould be a Client Server application (as labelled).

+The Client side should transmit signals to the Server side via a TCP/IP connections.

+A Bypass input should always override an Alarm input but should not turn off an existing Alarm condition. An Alarm condition should not be indicated while a zone in a Bypass condition.

+A Tamper input should always override both an Alarm input and or a Bypass input but should not turn off existing Alarm and or Bypass conditions. Alarms and Bypass conditions should not be indicated while a zone is in a Tamper condition.