System

A collection of inter-related components that work together to achieve some objective

Characteristics

- They exist to achieve a purpose
- They interact with the environment
- They have standards for control
- They may be composed of sub-systems
A General Statement of Objectives

To ensure that the normal functioning of the work carried out in the building is not seriously disrupted by events such as fire and unauthorized intrusion

A Statement of Objectives based on System Functionality

To provide a fire and intruder alarm system for the building which will provide internal and external warning of fire or unauthorized intrusion