

Table 16.1: Smart Monitoring System Specifications

ITEMS	REQUIREMENTS
2. PROVISIONS REQUIRED IN THE BUILDING	<p>2. LOWRISE AND MIDRISE BUILDINGS</p> <ul style="list-style-type: none"> i. Dedicated volt free contacts (VFC) in the FACP shall be available. The state of the VFC should ideally be normally closed (NC) during normal condition and open (NO) during alarm condition, for <ul style="list-style-type: none"> a. Common fire alarm from FACP b. Common fire alarm system fault from FACP ii. Dedicated volt free contacts (VFC) in the Fire Pump Controller shall be available. The state of the VFC should ideally be normally closed (NC) during normal condition and open (NO) during alarm condition, for <ul style="list-style-type: none"> a. Fire Pump in operation b. Common system fault from controller c. System Pressure Low d. Diesel fuel low e. Water tank level low iii. Dedicated volt free contacts (VFC) in the Gas control panel shall be available. The state of the VFC should ideally be normally closed (NC) during normal condition and open (NO) during alarm condition, for <ul style="list-style-type: none"> a. Gas leak detection b. Common system fault from control panel iv. Dedicated volt free contacts (VFC) in the Elevator control panel shall be available. The state of the VFC should ideally be normally closed (NC) during normal condition and open (NO) during fault condition, for <ul style="list-style-type: none"> a. Common elevator fault from control panel b. Passenger Alarm from elevator control panel.



Figure 16.1.: Typical Smart Monitoring System Concept