

Security System

What is Security System

A system built to protect something from damage or someone from harm.

That's how the security system is to be for.

IS Intended Steps

Talking to someone we know working in electronic and non electronic (mechanical) security systems. **Experience in type and its requirements.**

Googling “ Security System “ and pointing to Results, Dates and Sources.

Live offerings and Remote advertisements for practitioners and academicians to apply and share their knowledge by their names and statements. **Experience in materials and resources.**

Picking a book for the security System.

Accompanying a practitioner for working on the system activity, environment and application process from A to Z. **Right down notes.**

Creating a team of point specialized members working together on study and application.

Using photography methods for recording explanatory videos.

Try building a security system and try developing it. **Right down results.**

Extracting a research permit from National Research Center, Giza, Egypt, or from any other nationally trusted official centre. **Be one of the research writers, beneficiaries and influentials.**

Advertising a security system managing services, seeing opinions and saving results.

Side : Flow Online Learning Bond among FOI.

Written By : Ahmed Mohamed (Founder).

Starting Date : 21/5/2025 PM Cairo.

FOLB
Flow Online Learning Bond

1 - Googling “ Security System “ ..

A brief for google AI overview article :-

It is a network of interconnecting elec-tronic devices used to protect a property or facility from threats like intruders, theft or other dangers. Security systems can be classified according to type, required components and mechanism of work to detect and respond to potential security breaches.

Components of security system

- **Central Control Panel**
- **Sensors**
- **Alarms**
- **Cameras**
- **Others**

Central Control Panel : Acts as the core hub, managing and monitoring all connected devices. It has the main role through various functions in the security system like receiving signals from sensors, processing data and triggering actions (can do multiple tasks in real-time).

Types :

- **Alarm control panels**
- **Access control panels**
- **Fire alarm control panels**
- **Integrated security panels**

Example :

Fire alarm control panel

simplexfire.com

Collection Date : 31/5/2025



Types of security system

- Home Security Systems
- Commercial Security Systems

Example for a Fire Control system is the “FM 200” fire control system.
In Egypt, it is the most used system in fire control.

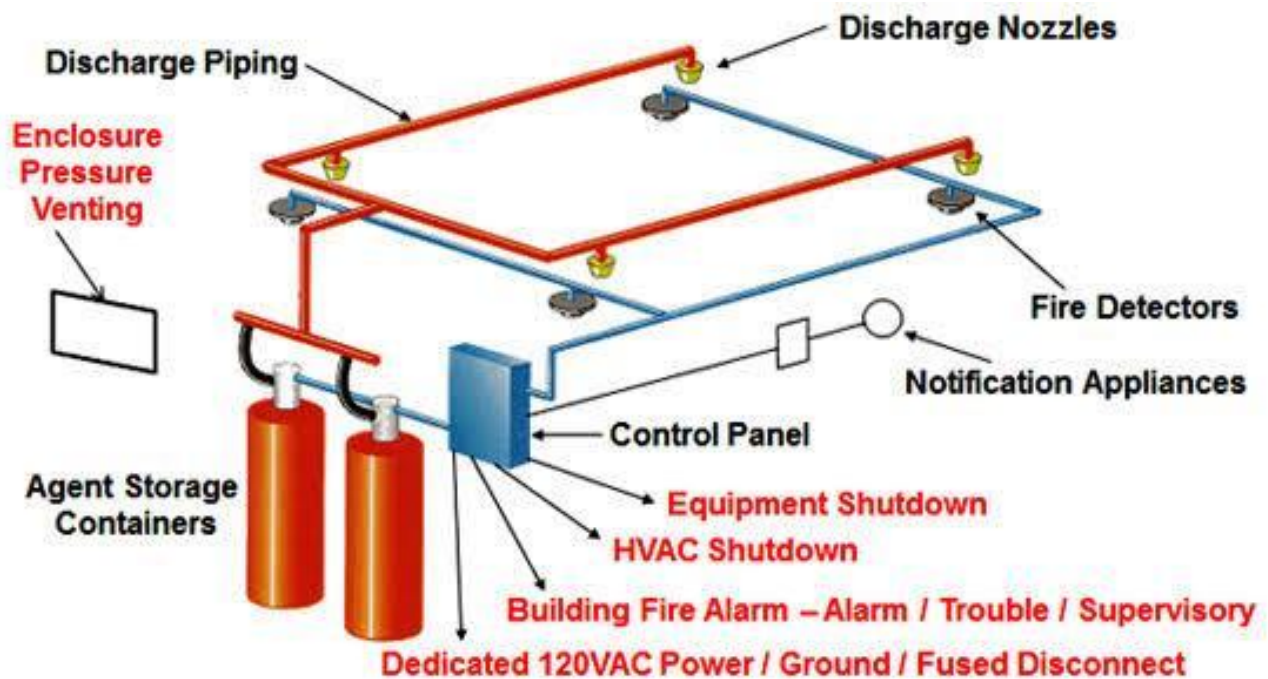


Image Source : <https://www.firetrace.com/en/fm-200>

Mechanism of security system work

- **Detection**
- **Alert**
- **Response**
- **Deterrence**

Benefits of security system

- **Early warning**
- **Peace of mind**

2 - Talking to an expert..

Mentioned topics

- CCTV.
- Firesearch.
- Remotely notifying applications.

In addition to some recorded media for tools and procedures during carrying out his activity.

Expert : Khaled Hossam.

Experience in electronic and physical SSs.

Practice since 2011

Contract Date : 23/5/2025 . AM . Cairo.

Updation Date : 31/5/2025 . PM . Cairo