

## PROBLEM STATEMENT

### FAULTS IN FIRE ALARM SYSTEMS:

What does the problem affect?	When fire alarm panels are in trouble condition, it can be difficult to find the root cause of the problem. Trouble signals occur due to ground faults, circuit problems, battery faults, or other failures within the system
What are the boundaries of the problem?	The possibility of stratification of the air in a room into hot and cold layers, causing the smoke or heat to stop at the boundaries
What is the issue?	False alarms, incorrect installation, lost connections, faulty or aging equipment, and improper maintenance are the most common problems we come across in monitoring commercial and residential fire alarm systems
When does the issue occurs?	Having a fire alarm system failure puts your facility and occupant's life safety in danger. Some of the causes of a failure are unpreventable
Why is it important that we fix problem?	to sense true occurrences of fire, alert the proper authorities