

AUTONOMOUS FIRE SHIELD

RAPID RESPONSE & SUPPRESSION SYSTEM

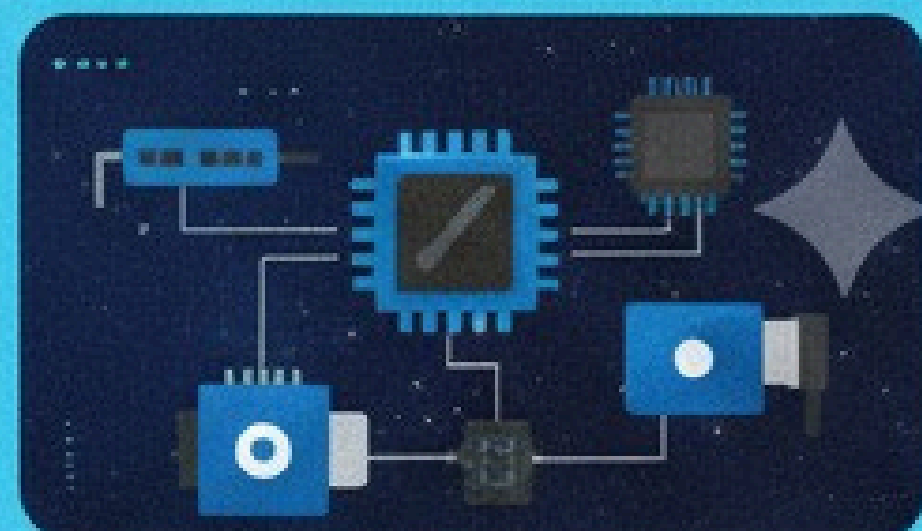
CHALLENGE

Traditional fire detection systems are often slow, requiring human intervention. Rapid fire spread is a major risk, causing damage and danger.







INNOVATION

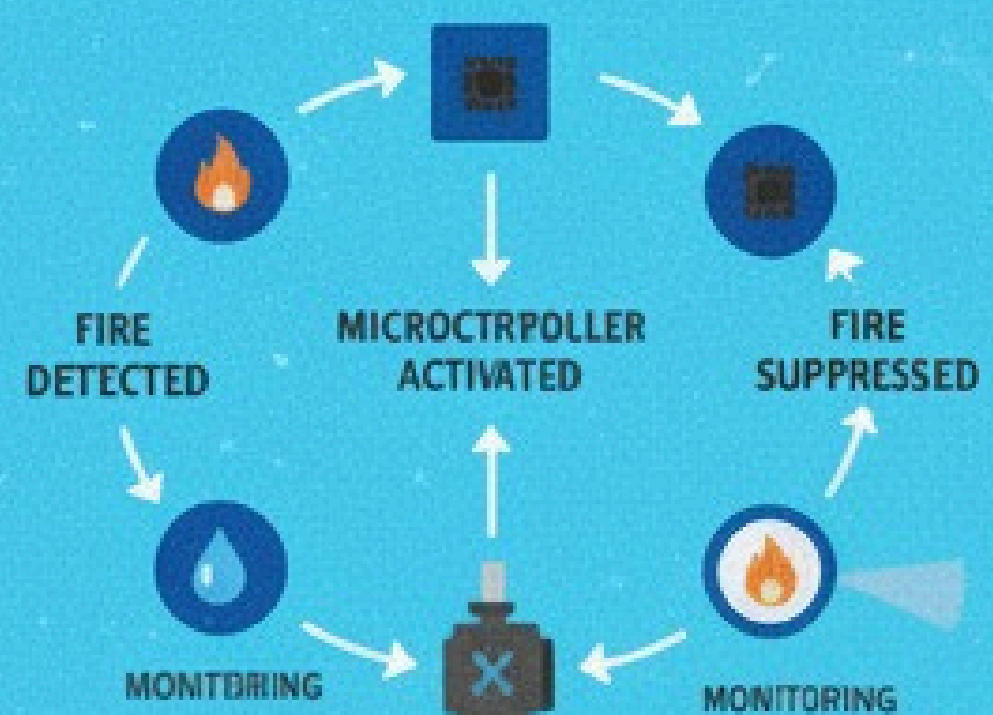
Integrated intelligent system for immediate fire identification & automated suppressing response time



KEY FUNCTIONALITY

-  **FLAME SENSOR:** Detects infrared radiation from fire.
-  **MICROCONTROLLER:** Processes data, triggers actions.
-  **WATER PUMP & MOTOR:** Ejects water faster towards fire source.
-  **POWER:** RELIABLE BATTERY SUPPLY

WORKFLOW



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