

Smart Fire Fighting Monitoring Solution (ACMS – IoT Based)

As per Maharashtra State Government Resolution

Is your Building Really Fire-Ready?

Many fire fighting systems fail because they are not monitored, and do not work when needed.

- Pumps Fail
- Tanks run dry
- Pressure drops unnoticed

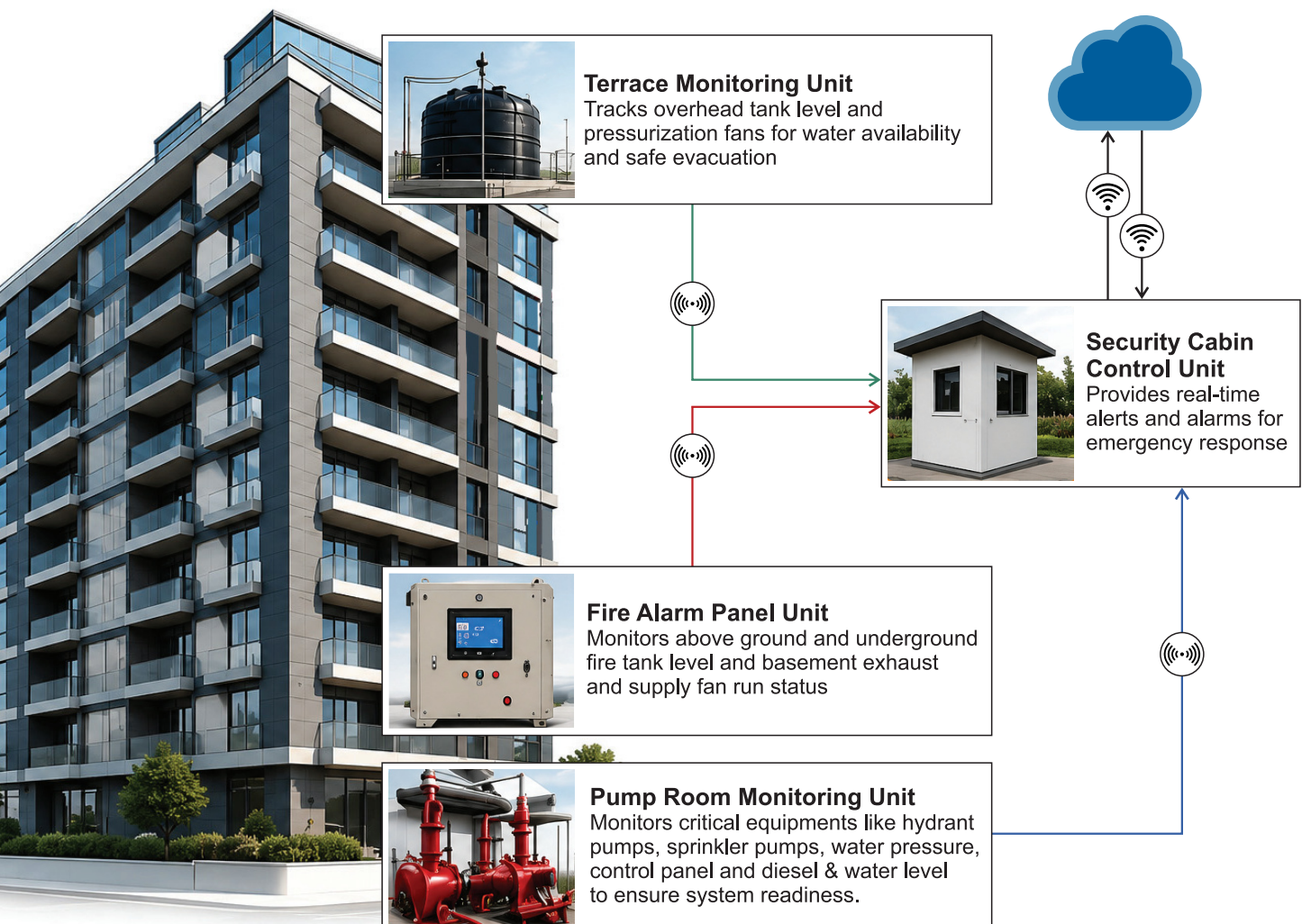
We can provide a solution to this – before it becomes a disaster.

Ready Fire safety With Real-Time Monitoring

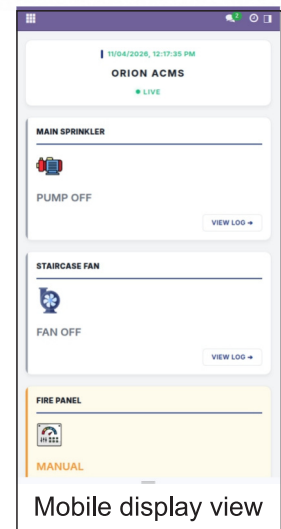
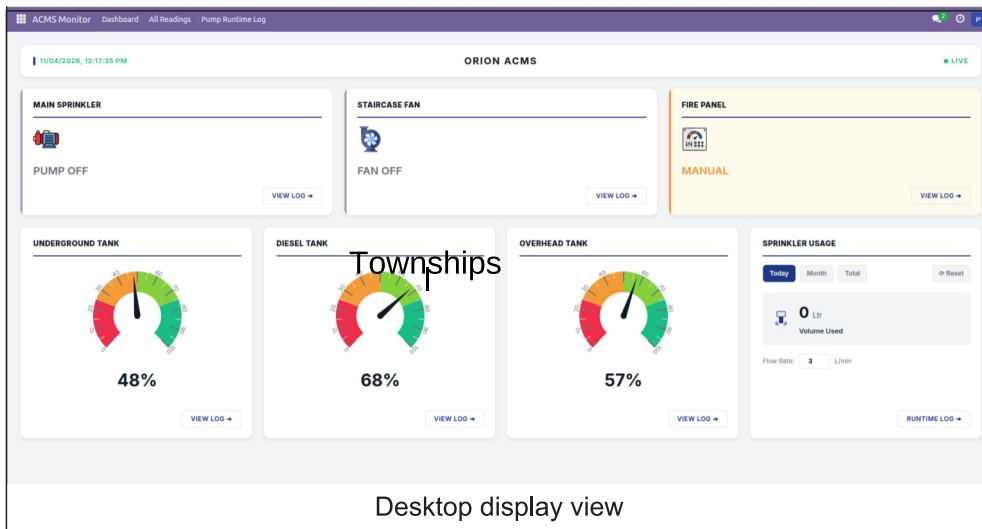
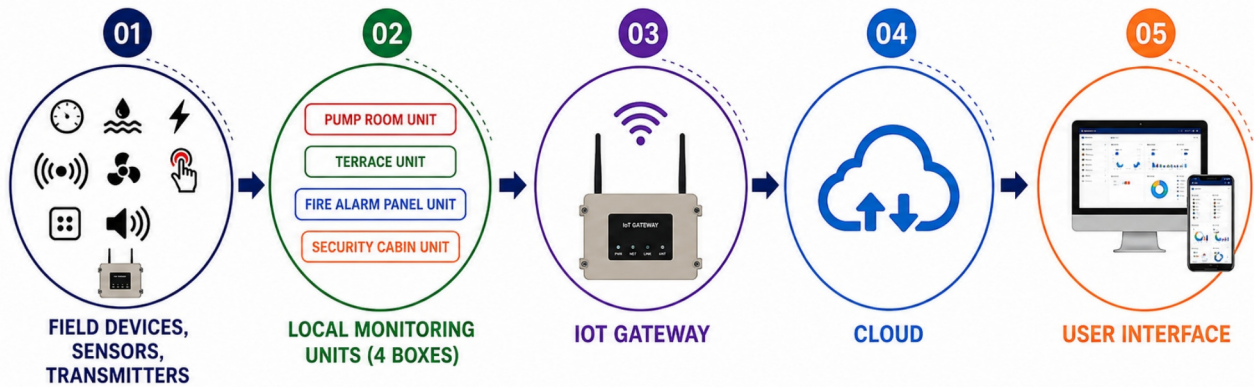
In line with the latest Maharashtra State Government Resolution mandating **Automated Continuous Monitoring System (ACMS)**, we provide a **complete IoT-based fire safety monitoring solution** designed to ensure your fire fighting system is always operational, compliant and efficient.

Our Unique 4-Point Monitoring Solution

We offer a strategically distributed monitoring systems across your buildings for maximum reliability and safety:



SIGNAL FLOW ARCHITECTURE



■ Complete Digital Control

- Cloud-based Monitoring
- Auto reports & Logs
- 24*7 System Visibility

■ Data Communication Layer

- Protocol : MQTTS (Secure IoT Communication)
- Data Refresh : Every 60 Seconds
- Connectivity : 4G / 5G / WiFi

■ Signal Types :

- Digital Inputs (ON/OFF)
- Analog Inputs (Level / Pressure)

■ Alarm Logic (Attribute-Driven)

Alerts are generated When :

- Any event occurs at the site
- Any configurable condition is detected
- Loss of communication

■ Note For Consultants

All attributes are mapped using :

- Orion Instruments' Pressure Switches
- Orion Instruments' Transmitters
- Orion Instruments' Level Sensor
- Orion Instruments' Air Differential Sensors
- Voltage Detector
- POTS' Contacts from Fire Alarm Control Panel

Scan adjacent QR code to view products from 'Orion Instruments'



■ Suitable For

Residential Societies | Commercial Complexes | Townships | Industries | Hospitals | Hotels

This architecture fully satisfies all requirements related to ACMS, as mentioned by the Maharashtra State Government notification (MFS-2023/C.R.370/UD-14) for real-time monitoring, reporting and system reliability.

Note : As efforts are made constantly to improve the design and method of manufacture, the product being supplied may differ in detail from illustration and data printed in this document. Please check our website for the updated information and contact our sales office for the specifications while ordering the product.



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