fyre OFF

Wireless
Fire Detection & Alarm System

IP BASED
Wireless
FIRE ALARM SYSTEM

Our range of Wireless products with cutting edge technology offers fire safety solutions and alarm systems that are flexible, reliable and cost effective than none other.

The System is designed with a combination of mesh and daisy chain configurations that can further be coupled with TCP/IP to provide robust and error free communication channels.

Key reasons to choose PINETREE's FYREOFF

Long Battery Life
Stay connected for a much longer period with smart power saver

Wireless Mesh
Mesh network and signal hopping technology provides reliable seamless communications

Flexible Installations
Configure devices and relocate them within minutes even after installation.

Maximized Range
Cutting edge wireless technology with maximized communication range

Network Configurations

Standalone
Devices work independently without Fire Alarm Panel with optional cloud connectivity

Remote monitoring through Smartphone app for cloud devices

Wireless
Devices report their status to Fire Alarm Control Panel that pin-points the location of the device and triggers alarm in configured locations

Wireless Signal strength extended using suitable signal extenders

Integrated Wireless System
Devices report their status to Network Wireless Fire Alarm Control Panel having capability of handling Wireless Data, Wired TCP/IP network data and Wireless TCP/IP network data. Device information and alerts are processed, displayed in FACP and further broadcasted Central Monitoring System.
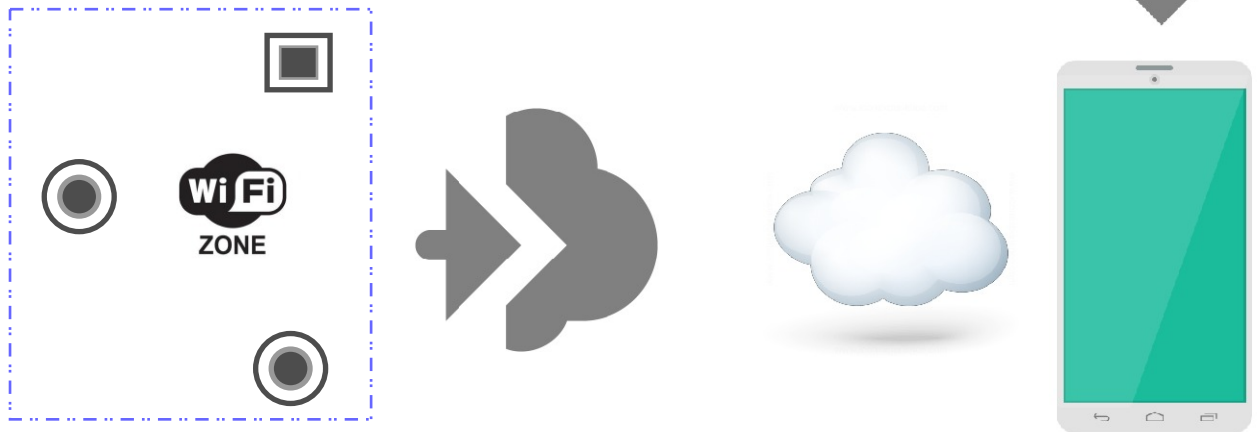
Wireless Signal strength extended using suitable wireless signal extenders, Wireless to Wired TCP/IP converters and Wifi network routers

CMS (Software / Central Fire Alarm Panel) monitors the status of several Network Fire Alarm Panels and displays the information with graphical layouts.
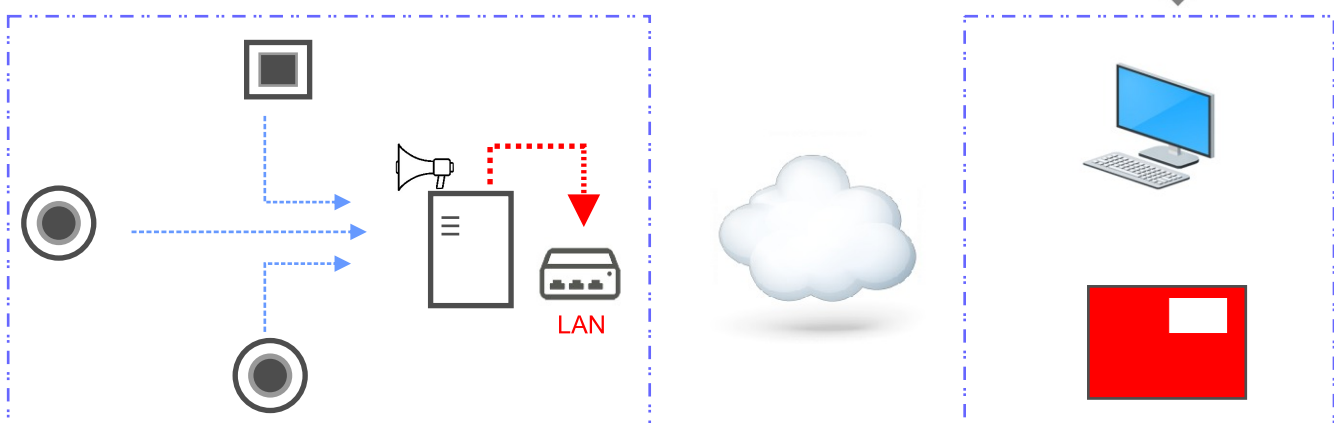
Standalone - Option(A)

Devices communicate emergency signals with notification app directly over internet through configured Wifi-Network
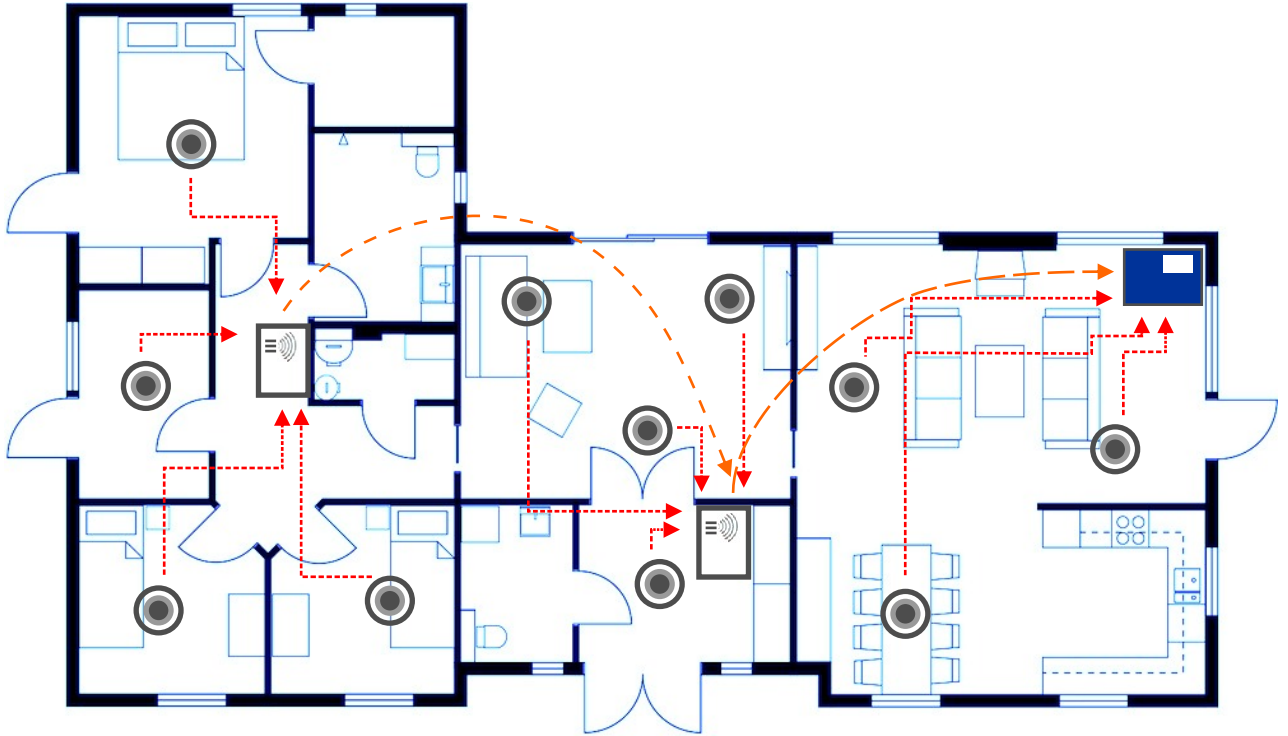
Standalone - Option(B)

LAN

Devices report to the nearest **Wireless to Network converter cum Hooter** unit which triggers the alarm locally and transmits the data to CMS (PC Software / CMS Panel) for remote monitoring through LAN

Multiple remote locations can be monitored in CMS. Graphical layouts of each location and device status can be viewed in PC based CMS software.
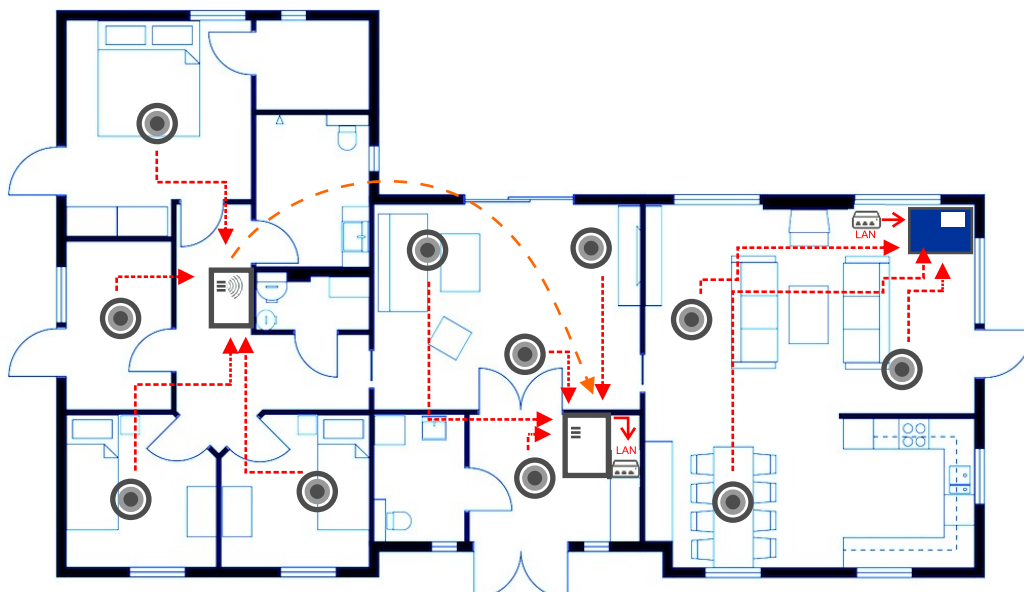
Wireless

Devices communicate with the Fire Alarm Control/Signal extender

Signal strength is maximized by placing Wireless Signal Extenders if required

Devices communicate with nearest signal extender

Data hops through Wireless Signal extenders and reaches the FACP

Wireless / IP Based

Wireless signal extenders and Wireless to Network converter are used for extending the range

LAN-5

LAN-4

LAN-3

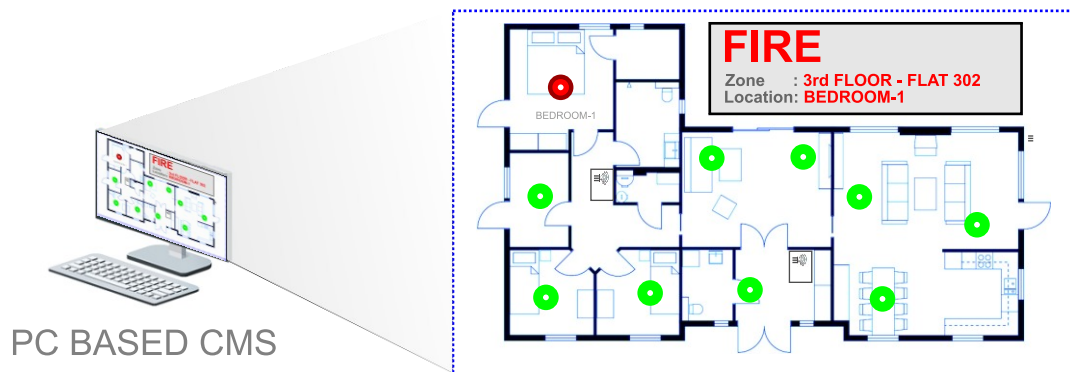LAN-2

LAN-1

SECURITY
OFFICE

LAN

PC BASED CMS

Integrated Wireless

Combination of Wireless Devices with Wireless Signal Extenders and
Wireless to Network Converters suitable for multistoried buildings, industries & large
applications

PC Based Central Monitoring System

PC BASED CMS

FIRE
Zone   : 3rd FLOOR - FLAT 302
Location: BEDROOM-1

BEDROOM-1

Legend:

CMS Panel

Local Fire Alarm Control Panel

Wireless to Network Converter (LAN)

Wireless Signal Extender

Wireless Devices (MCP, Smoke Detector)

Features & Benefits:

- ☐ Soft addressing technology for all devices
- ☐ High power antennas for Signal extenders & routers
- ☐ Wireless mesh network and signal hopping provides reliable communication
- ☐ 2.4 Ghz Radio frequency
- ☐ Maximized communication range
- ☐ Long battery life with smart power saver
- ☐ Local & Remote Monitoring
- ☐ Relocate and reconfigure devices at ease
- ☐ Smartphone connectivity

Get in Touch

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