

Case Studies: Safe City project using Simplicity to handle fire detection and control self-extinguishing at EV charging station



Enhanced Fire Mitigation Actions at EV Charging Stations

The Simplicity platform integrates 3D engine technologies and 5G connectivity for rapid communication and real-time data sharing across IoT, Security, Fire Safety, and Energy Management domains.

Also, it improves situational awareness through real-time monitoring and data analytics, facilitating proactive management of potential fire risks.

“HOW DO WE HELP THEM?”

- **Energy Management:** We help optimize energy use with real-time monitoring of solar panels, energy storage, and power sources, cutting costs and boosting sustainability.
- **Environmental Monitoring:** Monitor water use, weather, and temperature to conserve resources and maintain ideal conditions for operations.
- **Smart Security:** Enhance safety with CCTV, AI analytics, covering all areas and responding swiftly to threats.
- **EV Charging Stations:** Ensure reliable operation with real-time monitoring, optimizing power use and promptly addressing issues to keep everything running smoothly.

HOW IT WORKS?



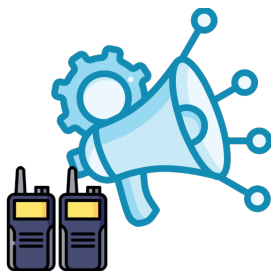
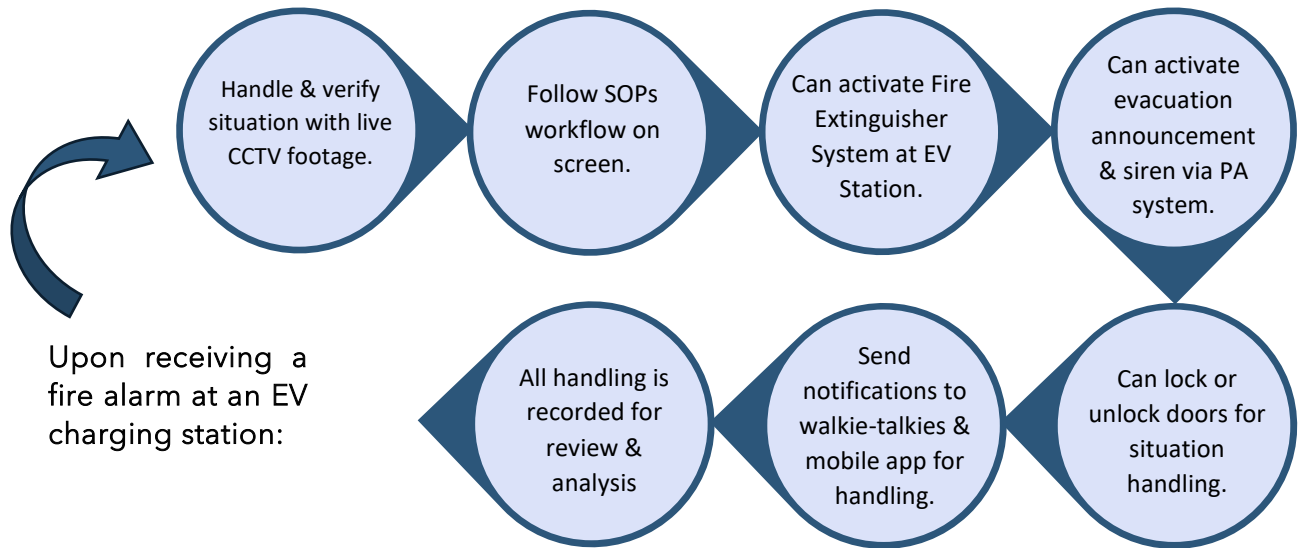
Simplify Platform:

A unified user interface offers a consolidated view of critical events and alarms, enabling operators to swiftly assess and respond to incidents following standard operating procedures (SOPs).



Integration of Systems and Devices:

The platform seamlessly integrates various systems, devices, and analytics for handling critical events.



Communication Integration:

Emergency communication devices such as public announcement systems, radios, and walkie talkie are seamlessly integrated with the platform. This integration automates notifications to relevant personnel, facilitating coordinated response efforts during emergencies at EV charging stations.

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