

ALERT24'S APPLICATION IN THE ENERGY (HIDROCARBON) SECTORS EMERGENCY PLANS

ALERT24 is the necessary solution in the energy sector to ensure the operation and coordination of people or systems against routine incidents and critical situations through the implementation and control of defined Internal and External emergency protocols.

Introduction

The generation, storage and distribution of energy is a strategic sector in all countries and economic activities. Risks and threats Control (industrial, technological, fire, supply delays, sabotage, accidents, leaks, etc.) and the effective communication of information in emergency situations are key to this sector.

The control of risks and threats (industrial, technological, fire, supply delays, sabotage, accidents, leaks, etc.) and effective communication of information in emergency situations are key to the execution of Emergency Plans of These companies.

Emergency plans and risk classification

Through an analysis aimed at identifying and classifying the risks and threats, these economic sectors determine the Internal and External Emergency Plans whose manuals contain all the information necessary to control each type of emergency within the public facility and commercial areas that may be affected.

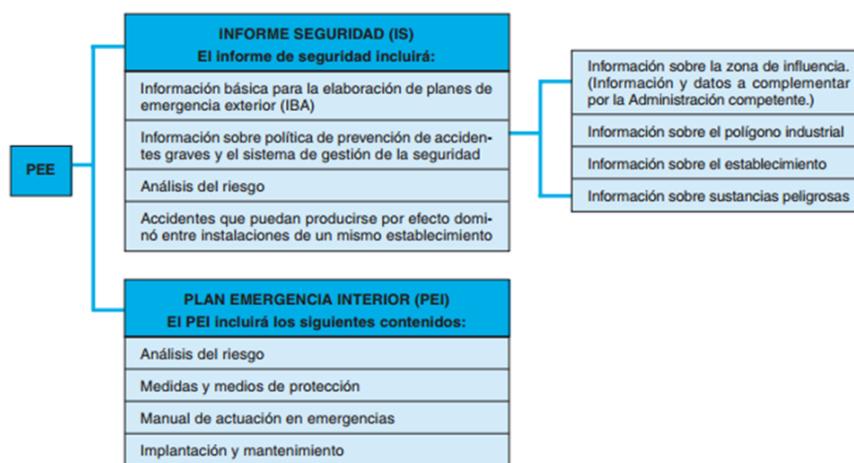


Fig. 1- Emergency plan information

Energy Industry (hidrocarbons)

The hydrocarbon energy industry has multiple processes of exploration, extraction, refining and transport (either through oil tankers and oil pipelines), which must have solutions that integrate analysis and prevention in each one of them.

This industrial activity is classified in three phases with specific risks and emergency plans for each of them:

- ❖ **Upstream:** Exploration and production.
- ❖ **Midstream:** Transport, processes and storage.
- ❖ **Downstream:** Refining, selling and distribution.

Among the risks present in these phases are: chemical, operational, technological, environmental, occupational safety, accidents and transportation, robberies, fires, spills, etc.

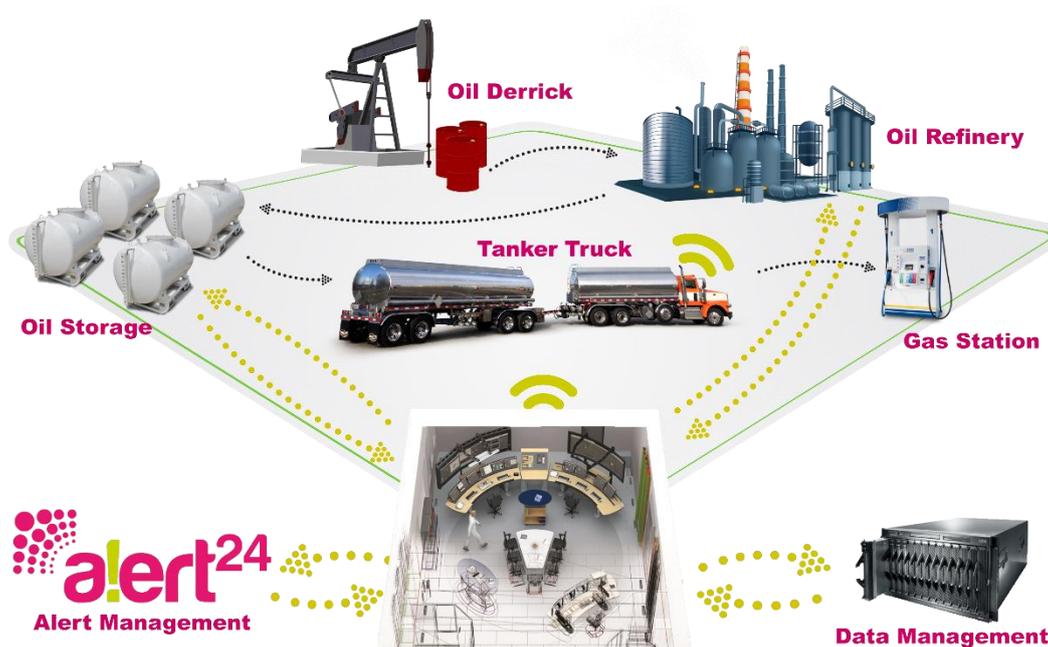


Fig. 2- ALERT24 Integration in the energy sector emergency plans

ALERT24 Application

ALERT24 offers the ideal solution for early reaction and communication in crisis situations in these phases, allowing our clients to maintain the level of security, protection of people and critical infrastructures, as well as business continuity, within the objectives of corporate and environmental responsibility defined in the enterprise.

ALERT24 is the necessary tool for Security and Risk managers since it allows the representation of different emergency situations in a hierarchy of cases, communication of the necessary information in a massive and automatic way, measuring and analyzing the different incidents (real and post-incident) allowing to monitor and improve future security plans.

ALERT24 has different functionalities and modules that help to carry out all the activities described above during an emergency:

- ❖ Alert manager (cases) according to priorities.
- ❖ Activation of alerts and emergency messages by telephony, radio or plant loudspeakers to groups, managers, employees or other organizations.
- ❖ Reception of geodetic data by telemetry to activate alerts.
- ❖ Geo-positioning of security and protection resources.
- ❖ Evacuation plan and guide for workers.
- ❖ Coordination with external protection services.
- ❖ Sala de crisis y conferencias virtual.
- ❖ Drills Execution. .
- ❖ Telephone or digital information line.
- ❖ GIS Integration.

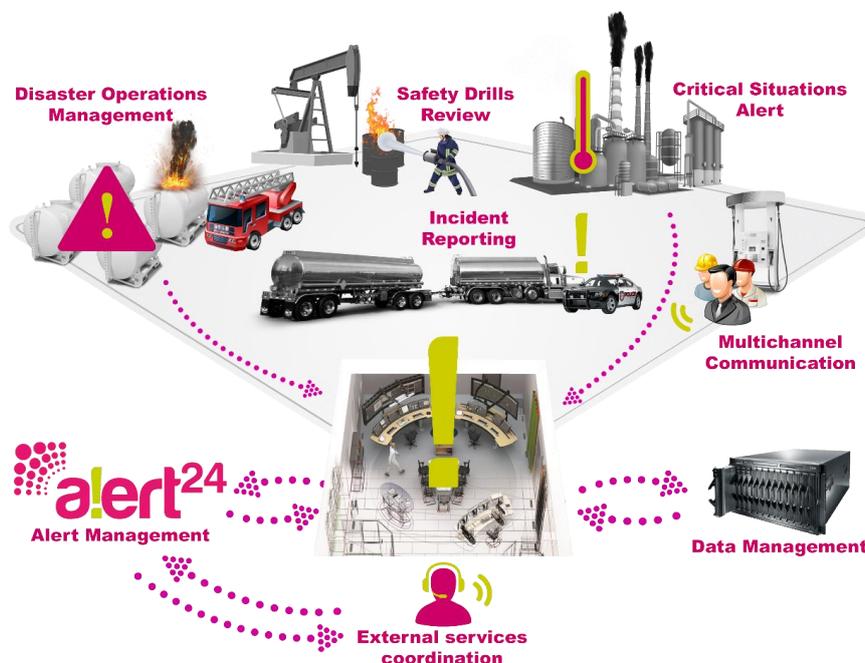


Fig. 3 - ALERT24 as communication platform in emergency situations