

ALERT24'S APPLICATION IN THE AERONAUTICAL SECTORS EMERGENCY PLANS

ALERT24 is the necessary solution in the aviation and airport sector to ensure the operation and coordination of people or systems against routine incidents and critical situations through the implementation and control of emergency protocols (AEP)

Introduction

The airport sector receives a large number of people daily, waiting to be transported from one point to another in an efficient, fast and, above all, safe way. Within security, the current airport terminals are obliged to provide themselves with measures and protocols that guarantee the public and the operational personnel in the terminals of active and preventive mechanisms in situations of crises or emergencies.

In order to obtain maximum airport security in crisis situations, it is essential to communicate and collaborate among the staff, agencies and responsible entities, achieving a standard and efficient flow of information that allows coordinating all those groups involved in the emergency management according to The security protocols imposed. Control of risks and threats (technological, climatic, supply delays, sabotage, accidents, leaks, etc.) and effective communication of information in emergency situations are key to the execution of the Action Plans of these sectors.

Emergency plans and risk classification

Aerodrome emergency planning is the procedure by which an aerodrome is set up to deal with an emergency that occurs at or near the aerodrome itself. The aerodrome emergency plan determines the procedures to be followed to coordinate the intervention of the various aerodrome entities (or services) and those of the surrounding community entities that could provide assistance through their intervention.

The purpose of such planning is to minimize the impact of an emergency, especially regarding saving human lives and not disrupting aircraft operations. According to ICAO, it is mandatory to have an Emergency Plan at all airports. Basically such a plan should:

- ❖ Provide coordination processes in actions that must be taken in the face of an emergency, such as aircraft emergencies, sabotage, bomb threats, fires and natural disasters.
- ❖ Coordinate the response of all available organizations: air traffic control, rescue and firefighting services, medical services, search and rescue, police, etc.
- ❖ Provide in a documented manner the types of emergencies it contemplates, the organizations involved, the roles and responsibilities of each of the parties involved in the plan, the contact information of each of the parties and the organizations involved in the plan.

- ❖ Establish the emergency operations center from which the response to the emergency will be analyzed. This center must be inside the airport and is the maximum responsible.

Airport Sector

According to the above, the airport sector has multiple procedures of action according to the level of urgency per incident, and has a command group specialized in all types of incidents that can be produced on the air side (runways, approach, takeoff, etc.) Or land side (terminals, parking, luggage, etc.). Emergency preparedness is a central, even critical issue for the airport sector. Comprehensive planning and monitoring of established protocols effectively plays a crucial role in the prevention of major emergencies and, more importantly, in containing crisis situations once they emerge.

Due to the large number of people that circulate through these facilities on a daily basis, as well as companies or entities linked to airport services, a high security need and protocols are generated to maintain order and action defined in crisis situations. Incidents occur continuously in common areas as well as in the aeronautical part that must be prevented and counteracted in an effective and safe way.

- ❖ **Main land side risks:** Operational, technological, accident, assault, fire, terrorism, drugs, smuggling, public health, etc.
- ❖ **Main air side risks:** Aircraft problems, health alert, adverse weather, equipment failure, accidents, leaks, lack of supply, etc.

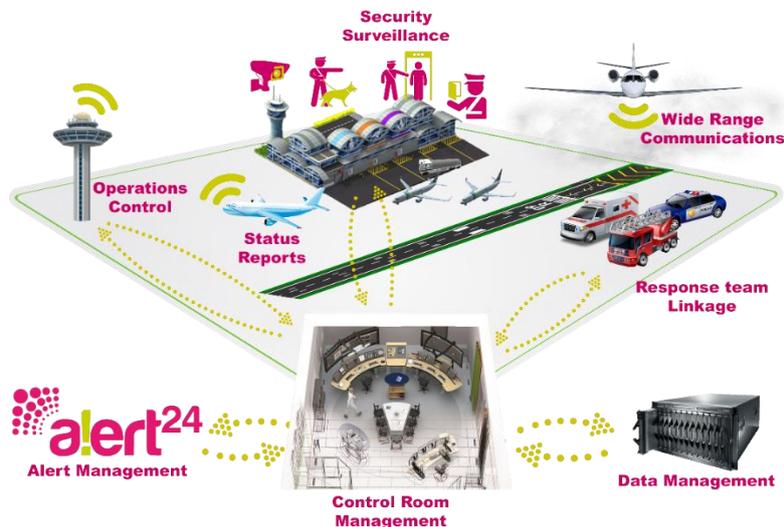


Fig. 1- ALERT24 integration in the airport sector

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. .
- ❖ ICE Employee Sheet
- ❖ Telephone or digital information line.
- ❖ GIS Integration.

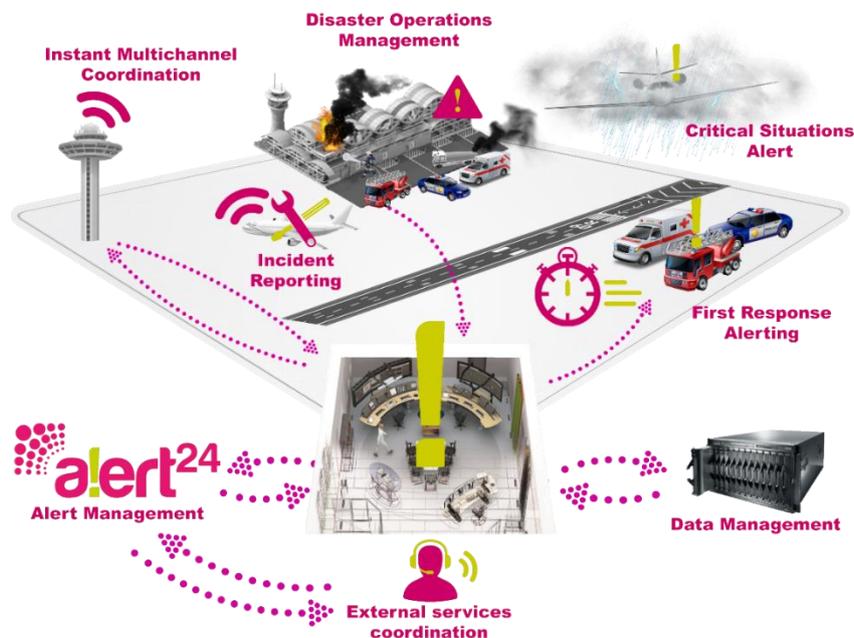


Fig. 2- ALERT24 as communication platform in emergency situations