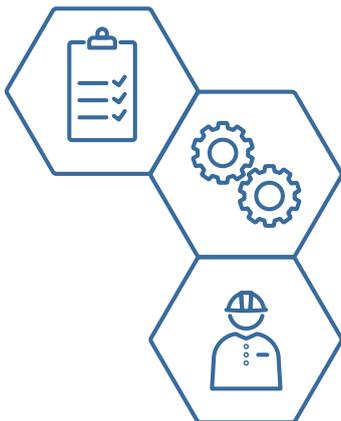




Respond faster. Respond smarter.

How we can help support an effective response to industrial risks.



On September 26, 2019, a blaze at the Lubrizol factory in Rouen, France, sent 9,000 tons of chemicals used for engine oil and industrial lubricants into the air. The fire generated a plume of smoke that stretched for 13 miles - as well as a political and social crisis that has led to demonstrations, parliamentary inquiries, and more than 80 criminal charges:

The fire was a dramatic reminder that the risk of industrial accidents can never be completely eliminated - there will always be incidents. What we can control, however, is how to respond effectively to situations. Which is where on-site wireless communication solutions from Ascom can be decisive.

Industrial risk

Organizing emergency plans

The IOP (internal operation plan) and SAP (special action plan) emergency plans, implemented for SEVESO AS-classified sites, make it possible to define the scope and means of intervention in the event of a serious industrial accident. These plans can even extend to establishments that present very specific industrial risks to their environment.



The internal operation plan (IOP)

The main objective of the IOP is to quickly and efficiently prepare for a crisis situation. It aims to protect personnel, people, property and the immediate environment. In this internally predefined procedure, the measures for organizing first response and intervention to be implemented in the event of a disaster are established. Based on the hazard study, the IOP contains:

- Analysis of accident scenarios
- Various alert procedures
- First-response organization
- Locations of installations
- Means of intervention
- Faced with each scenario (and industrial risk typology: thermal, mechanical or toxic), the IOP describes the human and material resources that can be mobilized to follow a defined procedure and avoid ad hoc actions

The special intervention plan (SAP)

The SAP makes it possible to deal with a disaster outside the boundaries of the establishment. This emergency plan is a variation of the ORSEC [Civil Security Response Organization] plan. The SAP's objective is to protect populations from the effects of the disaster by mobilizing emergency services, local authorities or operators of other nearby sites at risk.

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1 Le Parisien, article from October 6, 2019. Accessed at: <https://www.nytimes.com/2019/11/16/world/europe/france-rouen-chemical-fire.html>