






CBRNe Threats

The CBRNe Monitoring, Protection, and Decontamination systems are used to help prevent, or minimize the effects of, accidents or attacks using chemical, biological, radiological, or nuclear agents, combined or not with explosives.

C		Chemical	Examples: Chlorine, Sarin
B		Biological	Examples: Antraz, Ricin
R		Radiological	Examples: dispersion of nocive radioactive particles of elements such as Cesium-137, Strontium-90 ou Cobalt-60
N		Nuclear	Examples: Nuclear fission explosion using Enriched Uranium or Plutonium
e		Explosive	Example: High explosives used in traditional or improvised devices; TNT, C4, RDX, Nitrates from fertilizers

Detection, Identification, Monitoring

Detectors are used to indicate the presence of nocive agents, and if the detector has the capability, also to identify and quantify the agent.

Detectors can be integrated with specialized systems (incident management software) to aggregate strategic information (position, maps, meteorological data, etc) and coordinate communications and response.

Protection

The protection against novice agent can be individual – masks, gloves, complete suits, etc. – or collective – shelters or vehicles with life support systems.

Decontamination and Detoxification

The decontamination consists in eliminate (physical removal) or chemical neutralization (detoxification) of nocive agents.

CBRNe Systems offered by RF COM and its Partners

