





The various parts of a nation's critical infrastructure, such as power generation and distribution, the extraction of raw materials, are essential to its economic prosperity. And the same is true of its harbours and airports, government buildings, hospitals and many other facilities. In this era of globalization they also have worldwide economic importance. An attack on any of these could result in a humanitarian or financial disaster on an unprecedented scale, potentially causing national or even international chaos. They thus make a tempting target for criminal or terrorist elements.

In many cases, conventional security systems are too passive and too slow to react on time. Our solutions work proactively and predictively. For example, our unmanned NBC reconnaissance robots and mobile x-ray systems collect data required for well-targeted counter-measures. They are networked using the latest data transmission techniques. Data is transferred to mobile command facilities within seconds, where specialists can evaluate and decide on which actions to take based on a comprehensive analysis of the threat. As opposed to stationary units, the mobility of our solutions means that they can be deployed wherever and whenever a terrorist threat emerges.

This results in optimum deployment of resources and maximum operational flexibility.

The systems are based on our highly specialized family of TEL600 service vehicles used in connection with unmanned platforms. Our NBC Detection & Response vehicles make it possible to detect and analyze threats from potential dirty bombs at an early stage using state-of-the-art measurement and analysis procedures.

The unique point of the our solution is the use of mobile unmanned systems, as well as the networking of subsystems and components. While emergency personnel previously ran a potentially fatal risk in attempting to obtain vital data, with our security solutions this can be done from the safety of a protected vehicle with the aid of remote measuring technology or the unmanned reconnaissance robots. Thus far the robots have been used primarily as a safe means of disarming explosive devices.

Aided by additional sensors (e.g. x-ray systems) other special vehicles can simultaneously detect other potential hazards, transmitting the data online to a mobile command centre. This can be done over long distance even in urban areas by using relay stations.

