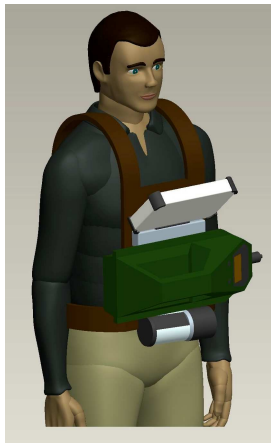


## MOBILE DETECTION SYSTEM – N.C. DEFENCE DETECTION SYSTEM

Mobile detection system is a detection system for N.C. defense, for:

- observing and protecting important buildings,
  - observing places with many people (airports, stadiums etc.),
- for protecting people against possible N.C. attack with weapons for mass destruction.

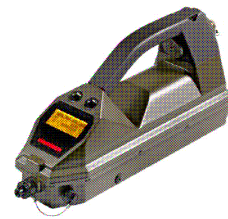


Mobile detection system consists of rugged computer, device for gamma and neutron detection and device for chemical detection. Batteries are integrated. Device is carried by person.



Instrument for gamma and neutron detection is able to identify radio nuclides and classify them as medical, industrial, natural occurring radioactive materials and special nuclear

materials. Instrument measurement range is 0,01 $\mu$ S/h to 10 mS/h.



Instrument for Chemical Warfare Agents (CWA) is able to detect, classify and identify, quantify, and continuously monitor concentration levels of the chemical warfare agents specified. The identity of substances detected is displayed by its standard code (GA, VX, etc.) or its appropriate abbreviation (e.g. GSI for the G-mode simulant). For each class (G, H and T) a separate bar line is provided, thus all the classes may be monitored independently. Hazard levels are indicated by an incremental bar level display with eight increments. Instrument gives an audible alarm when identifying an agent.



Rugged computer with software interface enables instruments control and send data to the Base Station via GPRS. GPS and GPRS are integrated in rugged tablet computer. GPS determines current Latitude and Longitude of the system.