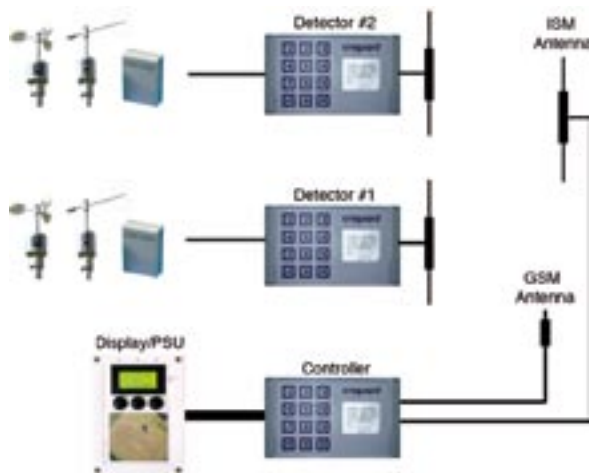


The CNI2000 Chemical, Biological, Radiological, Nuclear, and Explosive (CNI2000-CBRNE) system protects critical national infrastructure such as electricity generators, water treatment, oil fields, gas pipelines, port facilities, and tunnels. The CNI2000-CBRNE does this by detecting accidental or deliberate safety and security related incidents involving pollutants, toxins, gases, smoke, poisons, gunshots, explosions, etc.



The CNI2000-CBRNE utilizes a range of commercial off-the-shelf sensors to instantly detect and verify hazardous CBRNE levels which are then transmitted to manned event logging Alarm Receiving Centers and mobile personnel. The CNI2000-CBRNE can also be integrated with gas dispersion simulation software into the command and control centers. This analyzes environmental boundaries and profiles together with local mapping to provide gas release scenarios in order to enable the CNI2000-CBRNE system to generate “integrated” signals comprising gas level and dispersion speed and direction as part of a real time evacuation or response plan for industrial and urban zones.

The CNI2000-CBRNE unique wireless and/or wired design translates into a rapidly installed, low running cost, technically superior solution able to operate in the most hostile environments including extreme temperatures, humidity, and corrosion. The CNI2000 open technology platform enables integration with existing systems such as GUI, SCADA, CCTV and access control via RS232 and independent connectivity with GSM/GPRS and/or global satellite network.

The advanced architecture of the CNI2000 platform enables customization of the CNI2000-CBRNE from a range of options including:

- Analog or digital sensors of all types
- Wired, wireless, or hybrid configurations
- Covert or overt installations
- Standalone or integrated with cctv cameras, access control, quality monitoring, UAVs etc.
- Fixed or transportable units
- Single or multiple communication links to command and control centers
- Security or safety or multi-purpose applications
- Civilian or military standards for a full range of operating environments
- Integrate with other CNI2000 systems (CNI2000-IDS, CNI2000-EM)

Options include:

- Remote reset
- Self diagnostics
- Solar power
- Site management reporting