

**MobRad – PDA: TechniData’s Mobile Radiation Detection and Survey System for Enhanced Support in Nuclear Emergency Management**

The mobile radiation detection and survey system MobRad by TechniData is, beside of the reliable laptop-based system, now also as portable version available, which provides manual measurements, independently from any vehicle – the so called **MobRad-PDA**.

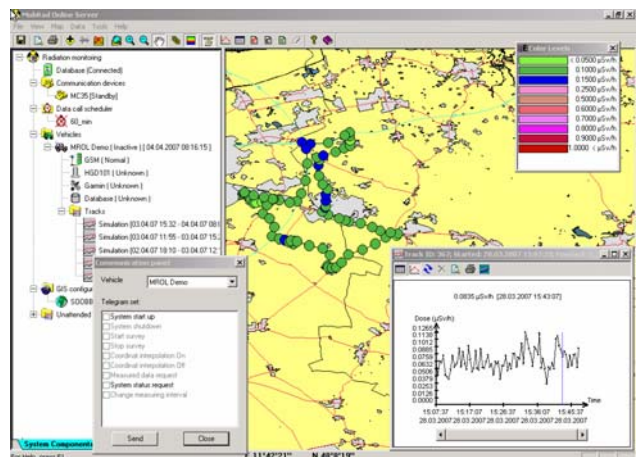
Together with the high-sensitive, universal applicable **hand held dose rate monitor HGD101** MobRad-PDA offers much more flexibility in mobile application of nuclear emergencies, and can be used by the persons being in charge of nuclear measurements – police, fire brigades, civil protection, nuclear emergency groups and measurement field teams – either integrated in a monitoring vehicle or applied for manual hand measurements (independently from any vehicle). Even with **MobRad-PDA** the existing features like automatic position detection by integrated GPS, online data transmission to the MobRad Centre and remote control of the mobile systems (by the MobRad Centre). Additional functionality is provided by detailed screening of radioactive contaminations in the field, and exact localization of radioactive sources in the environment by use of the hand held detector HGD101.

**Features of MobRad-PDA stand-alone-system:**

- ✓ Extreme compact radiation monitoring system
- ✓ Flexible application with vehicles or manually in the field (portable)
- ✓ Simple usage with touch screen and pointer
- ✓ Hand held dose rate measuring device HGD101
- ✓ Integrated GPS receiver for automatic position determination
- ✓ Independent from power supply / vehicle (battery buffered)

**MobRad Monitoring Centre for Online data transmission and central administration:**

- ✓ Online data transmission and administration of measured data and tracks
- ✓ Remote control and configuration of the mobile systems
- ✓ Central administration of all mobile monitoring systems used in the field



## Options:

- ✓ Telescopic bar for hand held monitor HGD101
- ✓ Data export functions (CSV, EURDEP)
- ✓ MobRad monitoring centre, stand alone solution or fully integrated to monitoring centre NMC-RAD (see example below)
- ✓ Integration of additional sensors and monitoring devices
- ✓ Integration of customer specific communication systems, like radio, satellite, TETRA

