



SpirVIEW Mobile

Global Supervision for Mobile Units



Nuclear
Power



Homeland
Security
& Defense



Industrial and
Manufacturing



Healthcare



Labs and
Education

OVERVIEW

The **SpirVIEW Mobile** software is designed for organizations and agencies responsible for monitoring and preventing the nuclear and radiological terrorist threat. **SpirVIEW Mobile** is scalable and well suited for monitoring large scale events and venues for sports, conferences, conventions, critical infrastructures and more.

SpirVIEW Mobile is an essential tool for the agencies responsible for protecting people, property and the environment, and for crisis management in the wake of an industrial accident or a terrorist attack.

The **SpirVIEW Mobile** software provides a unique map for a local and global radiological situation awareness. It centralizes the alarms from the various units deployed on the field. Thanks to the rapidly available detailed data, **SpirVIEW Mobile** provides operator guidance for the deployed field units. Threat and risk analysis is easily compiled as a report and transmitted or authoritative analysis and adjudication.

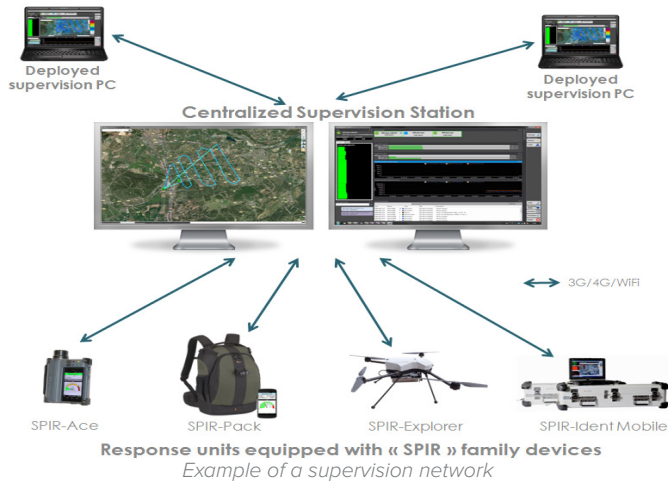
KEY FEATURES

- Real-time radiological situational awareness
- Data fusion: pedestrians, ground vehicles, aircraft, marine vessels, UAVs, rovers, robotics
- Centralization: local and global detailed analysis
- Security: data transfer and storage
- Facilitate communication with the field and the regulatory authorities
- Remote alarm confirmation (Reachback)

ARCHITECTURE

The deployed units transfer collected data to a server which then redirects the data to the mobile supervision station and/or to the individual **SPiR-Ident Mobiles** (which can also see the other units).

Compatible with: **SPiR-Ace**, **SPiR-Explorer**, **SPiR-Pack** and **SPiR-Ident Mobile**.



The global supervision unit can be a cloud-base virtual server.

DISPLAY

- Real-time positioning of each unit, of hot spots and of detected sources
- Real-time global mapping thanks to data fusion and interpolation
- Data displayed of the map: dose rate, ground-based dose rate, count rate, surface contamination (per identified radionuclide), NORM concentration
- Graphical and tabular data display: speed, height above ground, elevation, etc.
- Friendly-user and customizable interface
- Multi-screen use
- Uploaded or customized background maps (road, building, satellite, topography)

ALARMS

- Transmission of priority alarms
- Visual and audible alarm on the supervisory position
- Acknowledgement window with identification, spectra and measurements summary, comments and pictures.

DATA AND COMMUNICATION

- **Centralization and data recording** for the various units under mission format (database).
- **Real-time data transfer:**
 - with **SpirVIEW Mobile**
 - using WiFi, 3G/4G, satellite (TCP/IP protocol)
 - real-time, secured (WebSocket over SSL with authentication, AES 256 bit encryption)
 - data accessible to any **SPiR-Ident Mobile** or from **SpirVIEW Mobile**
 - “chat” function for cross-units communication or with the supervisor
- **Immediate data import:**
 - with **SpirREPLAY**
 - from **SPiR-Ace** and **SPiR-Pack** with USB
 - from **SPiR-Ident Mobile** with files (missions)

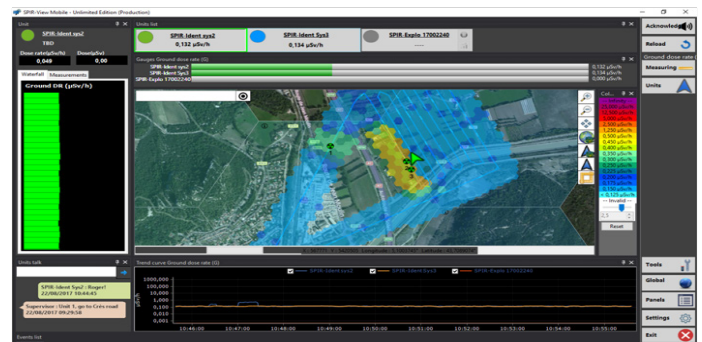
REPORTS AND EXPORTS

- **Reporting:** missions and events
- **Exported data formats:** ANSI N42.42, .spe, .csv, PDF, ERS, KLM (Google Earth)

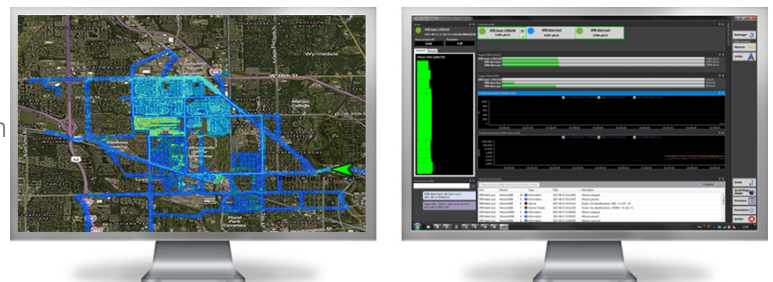
SOFTWARE INCLUDED

SpirVIEW Mobile is a software suite encompassing :

- **SpirREPLAY:** mission and event analysis.
- **SMI:** detailed spectra analysis.
- **SpirVIEW Mobile** with a license according to the number of devices to be simultaneously monitored: 1, 4, 10 or unlimited.



Access to detailed measurements on the map



Multi-screen use

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