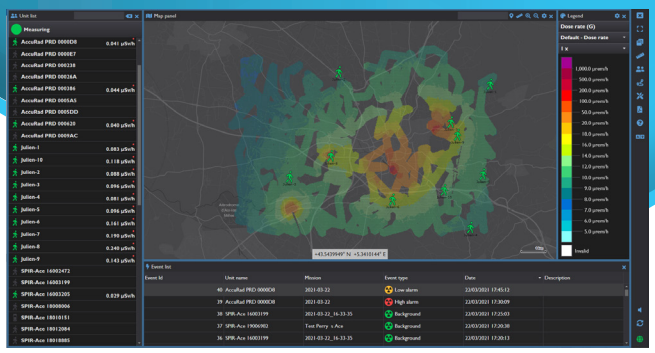
MIRION TECHNOLOGIES

SUPERVISORY SOFTWARE

SpirVIEW Mobile™

Situational awareness software



FEATURES

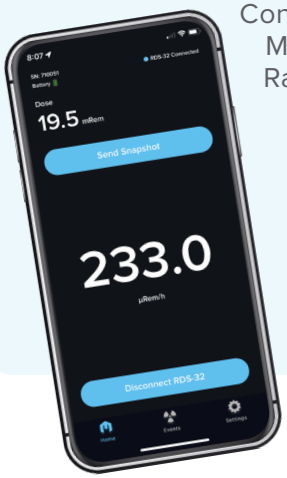
- Real-time radiological situational awareness
- Data fusion: pedestrians, ground vehicles, aircraft, marine vessels, UAVs, rovers, robotics
- Secured no-loss data transfer and storage
- Facilitate communication with the field and the regulatory authorities
- Remote alarm confirmation (Reachback)
- Data hosted by the organization

DESCRIPTION

The SpirVIEW Mobile software is designed for organizations and agencies responsible for monitoring and preventing nuclear and radiological terrorist threat. The SpirVIEW Mobile system manages monitoring of large scale events such as sport venues, conferences, conventions, critical infrastructure and more, providing area safety.

Emergency response crisis centers will also benefit from direct communication with the Field Monitoring Teams (FMTs), for tasks like plume monitoring, mapping of exclusion areas, sampling, or ground contamination surveys.

The SpirVIEW Mobile software provides an aggregated map for all the devices of interest. It centralizes the alarms from the various units deployed in the field. Thanks to the rapidly available detailed data, SpirVIEW Mobile software provides operator guidance for the deployed field units. Threat and risk analysis is easily compiled as a report and transmitted to authoritative analysis and adjudication.



Connect your **RDS-32™ meter** to SpirVIEW Mobile™ Supervisory Software and the RadResponder Network with our app*.

RDS-32

Download on the App Store

GET IT ON Google Play

* - the first release of the app displays the remote information in rem and rem/h only (no Sievert available). SpirVIEW displays either rem or Sv depending on regional settings.

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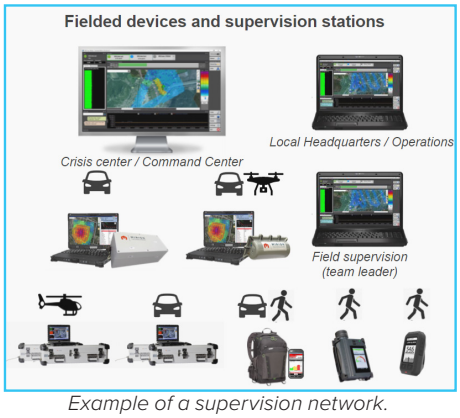
ARCHITECTURE

The devices send data to the data server, and the SpirVIEW Mobile clients then retrieve this data from the data server.

SPIR-Ident Mobile users can also montior other fielded devices (helicopters, drones, pedestrian teams).

Compatible with: SPIR-Ace™, SPIR-Explorer™, SPIR-Pack™, SPIR-Ident™ Mobile, and AccuRad™ products.

The data server can be a physical computer or a virtual machine (Windows 10 or Windows Server 2019).



Example of a supervision network.

DISPLAY

- Real-time positioning of each unit, of hot spots and of detected sources
- Real-time global mapping utilized from data fusion and interpolation
- Data displayed on 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.
- User friendly and customizable interface
- Multi-screen use
- Background maps (road, building, satellite, topography)
- Integrated broadcast messaging

ALARMS

- Visual and audible alarms
- Acknowledgement window with identification, spectra and measurement summaries, comments and pictures

DATA AND COMMUNICATION

- Centralization for all the data from the fielded devices on the server
- Data available to all the SpirVIEW Mobile clients of the organization
- Real-time data transfer:
  - Using WiFi, 3G/4G, satellite, (TCP/IP protocol) public or private networks
  - Real-time, secured (HTTPS/SSL, AES 256-bit encryption)

SOFTWARE PACKAGE

The software package includes:

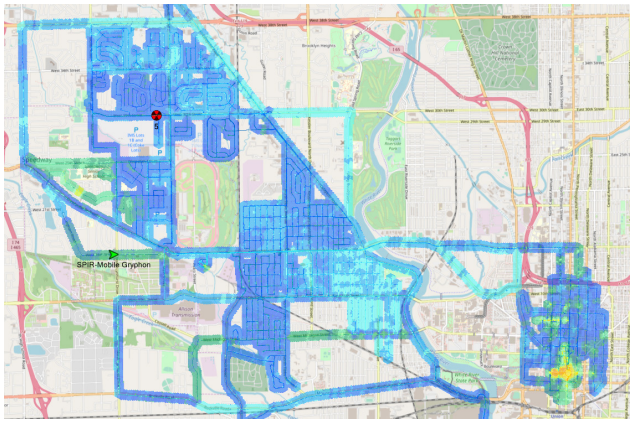
- SpirVIEW Mobile server and client software
- SpirVIEW Mobille license for 1, 4, 10 or unlimited number of connected devices (set on the data server)
- SpirREPLAY: replay and analysis of previously recorded measurements

SpirREPLAY FEATURES

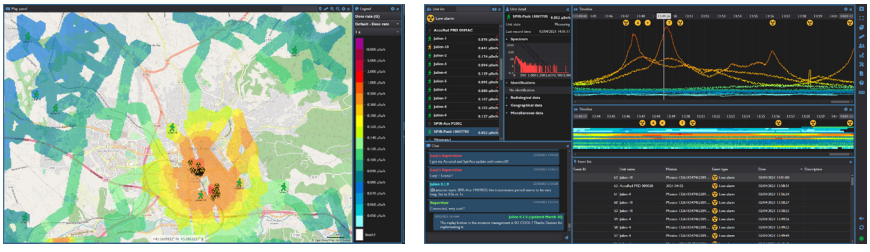
- Replay and analyze missions (i.e. mapping, measurements); as each mission is a set of measurements
- Visualize several missions at the same time and on the same interpolated map
- Retrieve mission histories from the SpirVIEW server
- Retrieve past missions directly from the instruments
  - USB import for SPIR-Ace/SPIR-Pack units
  - Mirion mission file exchanges

REPORTS AND EXPORTS

- SpirVIEW formats: PDF, ANSI N42.42, SPE
- SpirREPLAY formats: PDF, ANSI N42.42, SPE, CSV, ERS (EURDEP), KML (Google Earth)



SpirREPLAY: aggregated map created by five SPIR-Ident mobiles.



SpirVIEW Mobile multi-screen use.

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