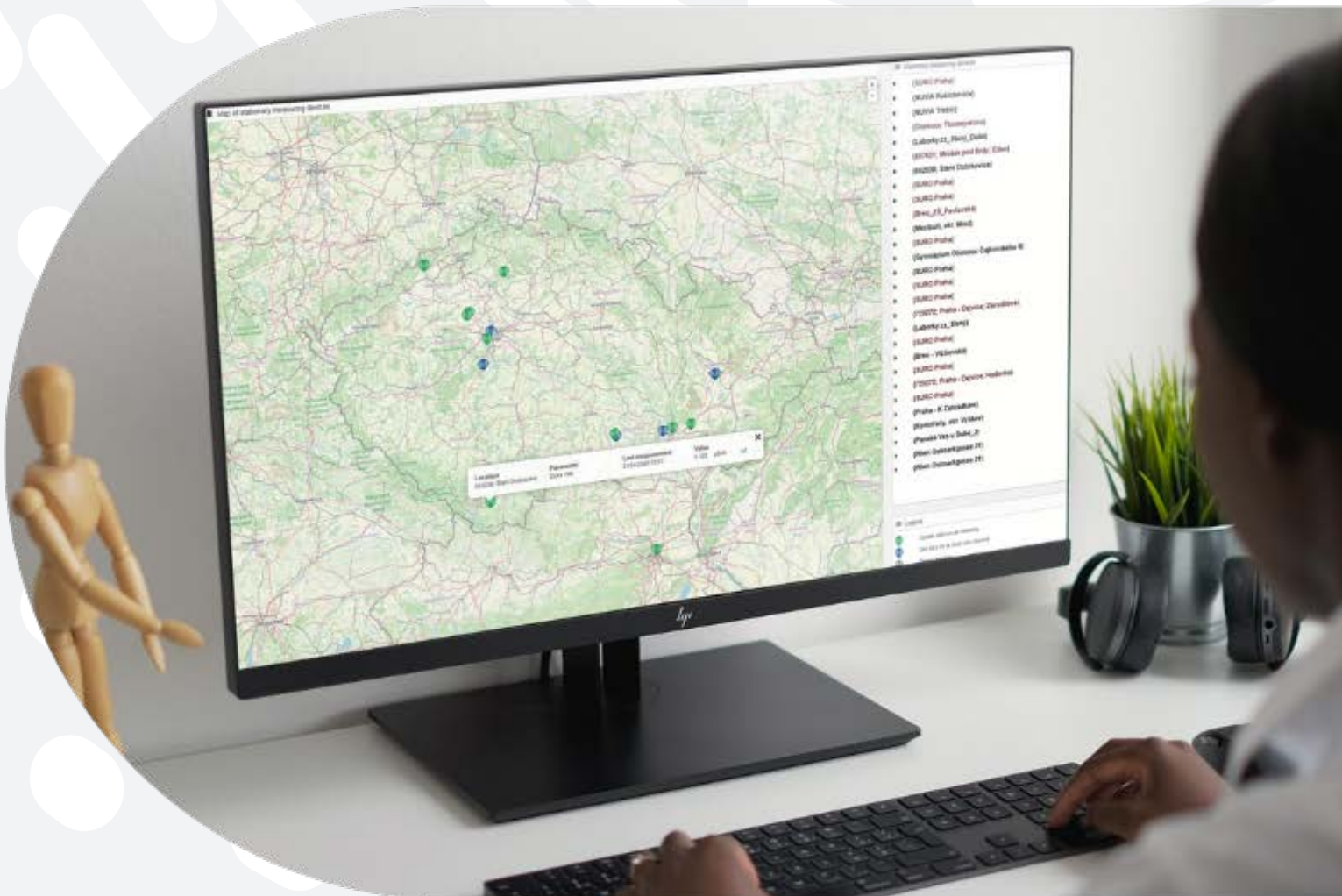


NuSOFT RADIS

RADIATION MONITORING
INFORMATION SYSTEM



NuSOFT RADIS is a server oriented, flexible ionizing radiation monitoring network software solution. Data collection can be adapted according to each client's requirements - from single facility monitoring to a large national network. The data is centralised, referenced and displayed in a geographic information system (GIS) for analysis.

Benefits

- Stores data from a variety of detectors including meteorological, air pollution as well as radiation
- Dose rate and dose rate equivalent measurements available
- Improves the environment and personnel radiation protection
- Allows the connection of any radiation monitoring device
- All connected devices can be viewed on a single screen
- Real-time tracking of critical data with user-defined alarm levels

Key Figures

Flexible

➔ For use external to & inside facilities

Scalable

➔ From small building to national monitoring

Multi-purpose

➔ For any radiation monitoring network

Product description

- Photon dose equivalent rate data can be collected together with the measured spectra at each point of the national early warning system
- H*(10) dose rate measurement obtained from thermoluminescent dosimetry can be provided from indoor and outdoor survey of the nuclear power plant
- Dose rate equivalent or dose rate measurements from mobile monitoring are supported
- Monitoring instruments can be configured and administrated remotely by two way communication
- System administrator defines access policies for users and groups
- Records stored in the system can be printed, exported or published in the form of a report, which can be fully customized by a system administrator
- Customized built in interface provides easy data exchange with any third party system (other monitoring infrastructure, regulator authority, public safety units, etc.)
- Automated or manual data validation and evaluation is performed
- Visualization of the facility layout and import/export to any file format (e.g .PDF, .xls, etc.) is supported

Product Specifications

Database.....	Platform independent
Client OS.....	Platform independent
Supported HW.....	NUVIA or any other instrument brand with electronic interface (LAN, USB, Serial, ...)
Application type.....	Client/Server
Language.....	Local language support via translation file

Additional Information

RADIS is a server oriented information system for collection, evaluation and visualization of data from any kind of the ionizing radiation (IR) monitoring network. It is database and operation systems independent.

Thanks to its versatile design, the software can manage data from single facility to large national network. It can serve multiple purposes, according to the each client's needs and requirements:

- Environmental monitoring (based on early warning network stations, air or water monitoring instruments, or mobile radiation survey equipment)
- Radiation security enhancement at the points of entry to facilities (gates, turnstiles, change barriers...)
- Warning when reaching pre-set radiation limits
- Support module for any dosimetric information system

Data is presented in a GIS system and may be exported to any desired file format, e.g. .pdf, .xls, etc.

Product Applications

- State authority bodies using early warning network
- Nuclear power plant
- Nuclear research institute
- Radioactive Waste Facility
- Armed forces performing IR monitoring
- Healthcare using the IR
- Radiopharmaceutical laboratories
- PET- centres

